



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

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

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

TO: Interested Parties / Applicant
DATE: December 5, 2013
RE: Cafe Valley Bakery/053-33291-00077
FROM: Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Notice of Decision: Approval - Effective Immediately

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

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

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

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

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

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

Enclosures
FNPER.dot 6/13/13



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Michael R. Pence
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**New Source Construction and
Minor Source Operating Permit
OFFICE OF AIR QUALITY**

**Café Valley Bakery
3701 S. Adams Street
Marion, Indiana 46953**

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

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-5.1, 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.: M053-33291-00077	
Issued by:  Jason R. Krawczyk, Section Chief Permits Branch Office of Air Quality	Issuance Date: December 5, 2013 Expiration Date: December 5, 2013

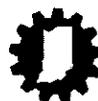


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SECTION A SOURCE SUMMARY

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 commercial wholesale bakery.

Source Address:	3701 S. Adams Street, Marion, Indiana 46953
General Source Phone Number:	602-336-2136
SIC Code:	2053 (Frozen Bakery Products, Except Bread)
County Location:	Grant
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:

- (a) One (1) Bakery Line, identified as Bakery Line 1, consisting of:
 - (1) One (1) natural gas-fired DGF Tunnel Oven for non-leavened products, identified as CVM-01, approved in 2013 for construction, with a maximum capacity of 4.50 MMBtu/hr, a maximum production rate of 3,046 lbs/hr of baked products and exhausting to stacks 301, 302 and 303.
- (b) One (1) Bakery Line, identified as Bakery Line 2, consisting of:
 - (1) One (1) natural gas-fired DGF Tunnel Oven for non-leavened products, identified as CVM-02, approved in 2013 for construction, with a maximum capacity of 3.60 MMBtu/hr, a maximum production rate of 4,904 lbs/hr of baked products and exhausting to stacks 304, 305 and 306.
- (c) One (1) Bakery Line, identified as Bakery Line 3, consisting of:
 - (1) One (1) natural gas-fired DGF Tunnel Oven for leavened products, identified as CVM-03, approved in 2013 for construction, with a maximum capacity of 4.50 MMBtu/hr, a maximum production rate of 4000 lbs/hr of baked products and exhausting to stacks 307, 308 and 309.
 - (2) One (1) proofing unit identified as CVM-P1 and approved in 2013 for construction.
- (d) Two (2) silos for the storage of wheat flour, identified as CVM-S1 and CVM-S2, approved in 2013 for construction, with a combined maximum storage capacity of 98 tons and combined throughput capacity of 6,500 tons per year, equipped with micron polyester filter media-bin vent covers for particulate control, and exhausting within the building.

- (e) One (1) natural gas-fired DGF Rack Oven for non-leavened products, identified as CVM-04, approved in 2013 for construction, with a maximum capacity of 0.10 MMBtu/hr and exhausting to stack 311.
- (f) One (1) natural gas-fired DGF Thermal Oil Process Heater, identified as CVM-05, approved in 2013 for construction, with a maximum capacity of 3.50 MMBtu/hr and exhausting to stack 310.
- (g) Cleaners and solvents characterized as follows where the use of which, for all cleaners and solvents combined, does not exceed one hundred forty-five (145) gallons per twelve (12) months.
- (h) The following equipment related to manufacturing activities not resulting in the emission of HAPs; brazing equipment, cutting torches, soldering equipment and welding equipment.
- (i) Closed loop heating and cooling systems;
- (j) Paved Roads

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 Revocation of Permits [326 IAC 2-1.1-9(5)]

Pursuant to 326 IAC 2-1.1-9(5)(Revocation of Permits), the Commissioner may revoke this permit if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.

B.3 Affidavit of Construction [326 IAC 2-5.1-3(h)] [326 IAC 2-5.1-4]

This document shall also become the approval to operate pursuant to 326 IAC 2-5.1-4 when prior to the start of operation, the following requirements are met:

- (a) The attached Affidavit of Construction shall be submitted to the Office of Air Quality (OAQ), verifying that the emission units were constructed as proposed in the application or the permit. The emission units covered in this permit may begin operating on the date the Affidavit of Construction is postmarked or hand delivered to IDEM if constructed as proposed.
- (b) If actual construction of the emission units differs from the construction proposed in the application, the source may not begin operation until the permit has been revised pursuant to 326 IAC 2 and an Operation Permit Validation Letter is issued.
- (c) The Permittee shall attach the Operation Permit Validation Letter received from the Office of Air Quality (OAQ) to this permit.

B.4 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, M053-33291-00077, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

B.5 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.6 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.7 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.8 Property Rights or Exclusive Privilege

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

B.9 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.10 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.11 Preventive Maintenance Plan [326 IAC 1-6-3]

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

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

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

The Permittee shall implement the PMPs.

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

B.12 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to M053-33291-00077 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.13 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.14 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.15 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.16 Source Modification Requirement

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

B.17 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.18 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.19 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.20 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 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

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

C.2 Permit Revocation [326 IAC 2-1.1-9]

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

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

C.3 Opacity [326 IAC 5-1]

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

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

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

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

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

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

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

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

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

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

All required notifications shall be submitted to:

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

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

- (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. The analog instrument shall be capable of measuring values outside of the normal range.

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

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (c) One (1) Bakery Line, identified as Bakery Line 3, consisting of:
- (1) One (1) natural gas-fired DGF Tunnel Oven for leavened products, identified as CVM-03, approved in 2013 for construction, with a maximum capacity of 4.50 MMBtu/hr, a maximum production rate of 4000 lbs/hr of baked products and exhausting to stacks 307, 308 and 309.
 - (2) One (1) proofing unit identified as CVM-P1 and approved in 2013 for construction.

(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 Best Available Control Technology (BACT) Avoidance Limit - VOC [326 IAC 8-1-6]

In order to render the requirements of 326 IAC 8-1-6 not applicable, the VOC emissions from Bakery Line 3, consisting of CVM-03 and CVM-P1, shall not exceed 24.90 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with this limit shall limit the potential to emit VOC from Bakery Line 3 to less than twenty five (25) tons per twelve (12) consecutive month period, and shall render the requirements of 326 IAC 8-1-6 (New Facilities: General Reduction Requirements) not applicable.

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

A Preventive Maintenance Plan is required for the Bakery Line 3. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements

D.1.3 Volatile Organic Compounds

Compliance with the VOC limit contained in Condition D.1.1 shall be determined by the following equation:

$$\text{VOC} = \left(\left(1.1 * \sum_{m=1}^{12} \left(\frac{E_f * BP}{2000 \text{ lb / ton}} \right) \right) + 0.009 \right)_m$$

Where:

- BP = The amount of baked product produced during month m (tons/month);
E_f = The VOC emission factor (lb of VOC/ton of baked product); and
m = The compliance period is one (1) calendar month.

The Permittee shall use 2.94 lbs VOC/ton for the emission factor (E_f) or the emission factor calculated using the most recently published equation for bread baking, as listed in AP-42 Chapter 9.9.6.

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

D.1.4 Record Keeping Requirements

- (a) To document the compliance status with Conditions D.1.1 and D.1.3, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC emission limit established in Condition D.1.1.
- (1) The dates of the compliance period;
 - (2) The amount of baked product produced during each compliance period;
 - (3) The VOC emission factor used (lb of VOC/ton of baked product); and
 - (4) The weight of VOCs emitted for each month and each compliance period.
- (b) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligations with regard to the records required by this condition.

D.1.5 Reporting Requirements

A quarterly summary of the information to document the compliance status with Conditions D.1.1 and D.1.3 shall be submitted using the reporting form located at the end of this permit, or its equivalent, not later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition.

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (d) Two (2) silos for the storage of wheat flour, identified as CVM-S1 and CVM-S2, approved in 2013 for construction, with a combined maximum storage capacity of 98 tons and combined throughput capacity of 6,500 tons per year, equipped with micron polyester filter media-bin vent covers for particulate control, and exhausting within the building.

(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.2.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2, the particulate matter (PM) from each of the two (2) dry ingredient storage silos, identified as CVM-S1 and CVM-S2, shall not exceed 3.36 pounds per hour. The pound per hour limitation was calculated with the following equation:

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

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

D.2.2 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan is required for these facilities and any 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.2.3 Particulate Control

In order to ensure compliance with Condition D.2.1, the micron polyester filter media-bin vent covers for particulate control shall be in operation and control emissions from the two (2) silos, identified as CVM-S1 and CVM-S2, at all times the two (2) silos (CVM-S1 and CVM-S2) are in operation.

Compliance Monitoring Requirements

D.2.4 Filter Inspections

An inspection shall be performed each calendar quarter of the micron polyester filter media-bin vent covers controlling the two (2) silos (CVM-S1 and CVM-S2). All defective filters shall be replaced.

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

D.2.5 Record Keeping Requirements

- (a) To document the compliance status with Condition D.2.4, the Permittee shall maintain records of the results of the inspections required under Condition D.2.4.
- (b) Section C - General Record Keeping Requirements contains the Permittee's obligations with regard to the records required by this condition.

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (e) One (1) natural gas-fired DGF Thermal Oil Process Heater, identified as CVM-05, approved in 2013 for construction, with a maximum capacity of 3.50 MMBtu/hr and exhausting to stack 310.

(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.3.1 Particulate Matter (PM) [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4, (Particulate Matter Emission Limitations for Sources of Indirect Heating), the particulate emissions from the one (1) DGF thermal oil process heater, identified as CVM-05 shall not exceed 0.60 pounds per MMBtu heat input.

D.3.2 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan is required for this facility. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Indiana Department of Environmental Management

Office of Air Quality Compliance and Enforcement Branch

MSOP Quarterly Report

Source Name: Café Valley Bakery
 Source Address: 3701 S. Adams Street, Marion, Indiana 46953
 MSOP Permit No.: M053-33291-00077
 Facility: Bakery Line 3, consisting of CVM-03 and CVM-P1
 Parameter: VOC Emissions
 Limit: The VOC emissions from Bakery Line 3, consisting of CVM-03 and CVM-P1, shall not exceed 24.90 tons per twelve (12) consecutive month period, with compliance determined at the end of each month. Compliance shall be determined by the following equation:

$$VOC = \left(\left(1.1 * \sum_{m=1}^{12} \left(\frac{E_f * BP}{2000lb / ton} \right) \right) + 0.009 \right)_m$$

Where:

- BP = The amount of baked product produced during month m (tons/month);
- E_f = The VOC emission factor (lb of VOC/ton of baked product); and
- m = The compliance period is one (1) calendar month.

The Permittee shall use 2.94 lbs VOC/ton for the emission factor (E_f) or the emission factor calculated using the most recently published equation for bread baking, as listed in AP-42 Chapter 9.9.6.

QUARTER: _____ YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	VOC Emissions (tons)	VOC Emissions (tons)	VOC Emissions (tons)
	This Month	Previous 11 Months	12 Month Total

Form Completed by: _____
 Title / Position: _____
 Date: _____
 Phone: _____

**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:	Café Valley Bakery
Address:	3701 S. Adams Street
City:	Marion, Indiana 46953
Phone #:	602-336-2136
MSOP #:	M053-33291-00077

I hereby certify that Café Valley Bakery is :

still in operation.

no longer in operation.

I hereby certify that Café Valley Bakery is :

in compliance with the requirements of MSOP M053-33291-00077.

not in compliance with the requirements of MSOP M053-33291-00077.

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:

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

Café Valley Bakery
3701 S. Adams Street
Marion, Indiana 46953

Affidavit of Construction

I, _____, being duly sworn upon my oath, depose and say:
(Name of the Authorized Representative)

1. I live in _____ County, Indiana and being of sound mind and over twenty-one (21) years of age, I am competent to give this affidavit.
2. I hold the position of _____ for _____
(Title) (Company Name)
3. By virtue of my position with _____, I have personal
(Company Name)
knowledge of the representations contained in this affidavit and am authorized to make these representations on behalf of _____
(Company Name)
4. I hereby certify that Café Valley Bakery 3701 S. Adams Street, Marion, Indiana 46953, completed construction of the commercial wholesale bakery on _____ in conformity with the requirements and intent of the construction permit application received by the Office of Air Quality on June 07, 2013, and as permitted pursuant to New Source Construction Permit and Minor Source Operating Permit No. M053-33291-00077, Plant ID No. 053-00077 issued on _____.
5. **Permittee, please cross out the following statement if it does not apply:** Additional (operations/facilities) were constructed/substituted as described in the attachment to this document and were not made in accordance with the construction permit.

Further Affiant said not.

I affirm under penalties of perjury that the representations contained in this affidavit are true, to the best of my information and belief.

Signature _____
Date _____

STATE OF INDIANA)
)SS

COUNTY OF _____)

Subscribed and sworn to me, a notary public in and for _____ County and State of Indiana
on this _____ day of _____, 20____. My Commission expires: _____.

Signature _____
Name _____ (typed or printed)

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

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

Source Description and Location

Source Name: Café Valley Bakery
Source Location: 3701 S. Adams Street, Marion, IN 46953
County: Grant
SIC Code: 2053 (Frozen Bakery Products, Except Bread)
Operation Permit No.: M053-33291-00077
Permit Reviewer: Nida Habeeb

On June 07, 2013, the Office of Air Quality (OAQ) received an application from Café Valley Bakery related to the construction and operation of a new stationary commercial wholesale bakery.

Existing Approvals

There have been no previous approvals issued to this source.

County Attainment Status

The source is located in Grant County.

Pollutant	Designation
SO ₂	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Unclassifiable or attainment effective June 15, 2004, for the 8-hour ozone standard. ¹
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Cannot be classified or better than national standards.
Pb	Unclassifiable or attainment effective December 31, 2011.
¹ Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005. Unclassifiable or attainment effective April 5, 2005, for PM _{2.5} .	

(a) Ozone Standards

Volatile organic compounds (VOC) and Nitrogen Oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to ozone. Grant County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) PM_{2.5}

Grant County has been classified as attainment for PM_{2.5}. On May 8, 2008, U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM_{2.5} emissions. These rules became effective on July 15, 2008. On May 4, 2011 the air pollution control board issued an emergency rule establishing the direct PM_{2.5} significant level at ten (10) tons per year. This rule became effective, June 28, 2011. Therefore, direct

PM_{2.5}, SO₂, and NO_x emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

- (c) Other Criteria Pollutants
Grant County has been classified as attainment or unclassifiable in Indiana for pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

- (a) The fugitive emissions of criteria pollutants and hazardous air pollutants are counted toward the determination of 326 IAC 2-6.1 (Minor Source Operating Permits) applicability.
- (b) Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2, 326 IAC 2-3, or 326 IAC 2-7, and there is no applicable New Source Performance Standard that was in effect on August 7, 1980, fugitive emissions are not counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.

Background and Description of New Source Construction

The Office of Air Quality (OAQ) has reviewed an application, submitted by Café Valley Bakery on June 07, 2013, relating to the construction and operation of a new stationary commercial wholesale bakery.

The following is a list of the new emission units and pollution control devices:

- (a) One (1) Bakery Line, identified as Bakery Line 1, consisting of:
- (1) One (1) natural gas-fired DGF Tunnel Oven for non-leavened products, identified as CVM-01, approved in 2013 for construction, with a maximum capacity of 4.50 MMBtu/hr, a maximum production rate of 3,046 lbs/hr of baked products and exhausting to stacks 301, 302 and 303.
- (b) One (1) Bakery Line, identified as Bakery Line 2, consisting of:
- (1) One (1) natural gas-fired DGF Tunnel Oven for non-leavened products, identified as CVM-02, approved in 2013 for construction, with a maximum capacity of 3.60 MMBtu/hr, a maximum production rate of 4,904 lbs/hr of baked products and exhausting to stacks 304, 305 and 306.
- (c) One (1) Bakery Line, identified as Bakery Line 3, consisting of:
- (1) One (1) natural gas-fired DGF Tunnel Oven for leavened products, identified as CVM-03, approved in 2013 for construction, with a maximum capacity of 4.50 MMBtu/hr, a maximum production rate of 4000 lbs/hr of baked products and exhausting to stacks 307, 308 and 309.
- (2) One (1) proofing unit identified as CVM-P1 and approved in 2013 for construction.
- (d) Two (2) silos for the storage of wheat flour, identified as CVM-S1 and CVM-S2, approved in 2013 for construction, with a combined maximum storage capacity of 98 tons and combined throughput capacity of 6,500 tons per year, equipped with micron polyester filter media-bin vent covers for particulate control, and exhausting within the building.
- (e) One (1) natural gas-fired DGF Rack Oven for non-leavened products, identified as CVM-04, approved in 2013 for construction, with a maximum capacity of 0.10 MMBtu/hr and exhausting to stack 311.

- (f) One (1) natural gas-fired DGF Thermal Oil Process Heater, identified as CVM-05, approved in 2013 for construction, with a maximum capacity of 3.50 MMBtu/hr and exhausting to stack 310.
- (g) Cleaners and solvents characterized as follows where the use of which, for all cleaners and solvents combined, does not exceed one hundred forty-five (145) gallons per twelve (12) months.
- (h) The following equipment related to manufacturing activities not resulting in the emission of HAPs; brazing equipment, cutting torches, soldering equipment and welding equipment.
- (i) Closed loop heating and cooling systems;
- (j) Paved Roads

Emission Calculations

See Appendix A of this TSD for detailed emission calculations.

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

Pollutant	Potential To Emit (tons/year)
PM	91.30
PM10 ⁽¹⁾	31.26
PM2.5	29.90
SO ₂	0.05
NO _x	8.89
VOC	29.30
CO	7.47
GHGs as CO ₂ e	10,731.50

(1) Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10) and particulate matter with an aerodynamic diameter less than or equal to a nominal 2.5 micrometers (PM2.5), not particulate matter (PM), are each considered as a "regulated air pollutant".

HAPs	Potential To Emit (tons/year)
Hexane	0.17
Manganese	2.50E-04
TOTAL HAPs	0.17

- (a) The potential to emit (PTE) (as defined in 326 IAC 2-1.1-1) of PM, PM10, PM2.5, and VOC are each less than one hundred (100) tons per year, but greater than or equal to twenty-five (25) tons per year. The PTE of all other regulated criteria pollutants are less than twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-6.1. A Minor Source Operating Permit (MSOP) will be issued.

- (b) The potential to emit (PTE) (as defined in 326 IAC 2-1.1-1) of any single HAP is less than ten (10) tons per year and the PTE of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA) and not subject to the provisions of 326 IAC 2-7.
- (c) The potential to emit (PTE) (as defined in 326 IAC 2-1.1-1) greenhouse gases (GHGs) is less than the Title V subject to regulation threshold of one hundred thousand (100,000) tons of CO₂ equivalent emissions (CO₂e) per year. Therefore, the source is not subject to the provisions of 326 IAC 2-7.

PTE of the Entire Source After Issuance of the MSOP

The table below summarizes the potential to emit of the entire source after issuance of this MSOP, reflecting all limits, of the emission units.

Process/ Emission Unit	Potential To Emit of the Entire Source After Issuance of MSOP (tons/year)									
	PM	PM10*	PM2.5*	SO ₂	NOx	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
Silo Loading										
Wheat Flour Silos	82.18	28.79	28.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Leavened Products Baking Lines										
Baking Line 3	Proofing	0.00	0.00	0.00	0.00	24.90	0.00	0.00	0.00	0.00
	Fermentation	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	Natural Gas Combustion (CVM-03)	0.04	0.15	0.15	0.01		1.93	1.62	2,332.94	0.04
Combustion										
DGF Tunnel Ovens Associated with Baking Line(s) - Line 1 - DGF Tunnel Oven (CVM-01) and Line 2 DGF Tunnel Oven (CVM-02)	0.13	0.53	0.53	0.04	6.96	0.38	5.84	8,399	0.13	0.13, Hexane
DGF Rack Ovens NOT Associated with Baking Line(s) (CVM-04)										
Heaters Associated with Baking Products - DGF Thermal Oil Process Heater (CVM-05):										
Other Activities										
Welding	Negl.	Negl.	Negl.	0.00	0.00	0.00	0.00	0.00	Negl.	Negl.
Fugitive Emissions - Paved Roads	8.95	1.79	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total PTE of Entire Source	91.30	31.26	29.90	0.05	8.89	25.28	7.47	10,731.50	0.17	0.16 Hexane
Title V Major Source Thresholds**	NA	100	100	100	100	100	100	100,000	25	10
PSD Major Source Thresholds**	250	250	250	250	250	250	250	100,000	NA	NA

Process/ Emission Unit	Potential To Emit of the Entire Source After Issuance of MSOP (tons/year)									
	PM	PM10*	PM2.5*	SO ₂	NO _x	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
Negl. = negligible *Under the Part 70 Permit program (40 CFR 70), PM10 and PM2.5, not particulate matter (PM), are each considered as a regulated air pollutant". **The 100,000 CO ₂ e threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD.										

In order to render the requirements of 326 IAC 8-1-6 not applicable, the VOC emissions from Bakery Line 3, consisting of CVM-03 and CVM-P1, shall not exceed 24.90 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with this limit shall limit the potential to emit VOC from Bakery Line 3 to less than twenty five (25) tons per twelve (12) consecutive month period, and shall render the requirements of 326 IAC 8-1-6 (New Facilities: General Reduction Requirements) not applicable.

Federal Rule Applicability Determination

New Source Performance Standards (NSPS)

- (a) The requirements of the New Source Performance Standard for Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60.40b, Subpart Db (326 IAC 12), are not included in the permit because the one (1) natural gas-fired DGF thermal oil process heater has a maximum heat input capacity less than 100 MMBTU/hr.
- (b) The requirements of the New Source Performance Standard for Small Industrial -Commercial-Institutional Steam Generating Units, 40 CFR 60, Subpart Dc (326 IAC 12), are not included in the permit, since the one (1) natural gas-fired DGF thermal oil process heater has a maximum heat capacity less than 10 MMBtu per hour.
- (c) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included in the permit.

National Emission Standards for Hazardous Air Pollutants (NESHAP)

- (a) The requirements of the National Emissions Standards for Hazardous Air Pollutants for the Manufacturing of Nutritional Yeast, 40 CFR 63, Subpart CCCC, are not included in this permit because the source does not manufacture nutritional yeast as described in 40 CFR 63.2131(a)(1) and the source is not located at or part of a major source of HAP emissions.
- (b) The requirements of the National Emission Standard for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process Heaters, 40 CFR 63, Subpart DDDDD (326 IAC 20-95) are not included in the permit, because this source is not located at a major source of HAPs.
- (c) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial and Institutional Boilers Area Sources, 40 CFR 63, Subpart JJJJJJ, are not included in the permit for the natural gas-fired DGF thermal oil process heater at this source, since gas-fired boilers as defined in 40 CFR 63.11237, are specifically exempted from this rule, as indicated in 40 CFR 63.11195(e).
- (d) The requirements of the National Emission Standard for Hazardous Air Pollutants (NESHAP) for National Emission Standards for Halogenated Solvent Cleaning, 40 CFR Part 63, Subpart T (326 IAC 14), because the solvent used does not contain any of the halogenated HAP solvents listed in §63.460(a).

- (e) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in the permit.

Compliance Assurance Monitoring (CAM)

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

State Rule Applicability Determination - Entire Source

The following state rules are applicable to the source:

- (a) 326 IAC 2-6.1 (Minor Source Operating Permits (MSOP))
MSOP applicability is discussed under the Permit Level Determination – MSOP section above.
- (b) 326 IAC 2-2 (Prevention of Significant Deterioration(PSD))
This source is not a major stationary source, under PSD (326 IAC 2-2), because the potential to emit of all attainment regulated criteria pollutants are less than 250 tons per year, the potential to emit greenhouse gases (GHGs) is less than 100,000 tons of CO₂e per year, and this source is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(ff)(1). Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.
- (c) 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
The potential to emit of any single HAP is less than ten (10) tons per year and the potential to emit of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA) and not subject to the provisions of 326 IAC 2-4.1.
- (d) 326 IAC 2-6 (Emission Reporting)
Pursuant to 326 IAC 2-6-1, this source is not subject to this rule, because it is not required to have an operating permit under 326 IAC 2-7 (Part 70), it is not located in Lake, Porter, or LaPorte County, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year. Therefore, 326 IAC 2-6 does not apply.
- (e) 326 IAC 5-1 (Opacity Limitations)
Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:
- (1) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.
- (f) 326 IAC 6-4 (Fugitive Dust Emissions Limitations)
Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4.
- (g) 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)
The requirements of 326 IAC 6-5 are not applicable to the source because it does not have the

potential to emit fugitive particulate matter emissions greater than twenty-five (25) tons per year or more.

- (h) 326 IAC 12 (New Source Performance Standards)
See Federal Rule Applicability Section of this TSD.
- (i) 326 IAC 20 (Hazardous Air Pollutants)
See Federal Rule Applicability Section of this TSD.

State Rule Applicability Determination - Individual Unit

Combustion (CVM-04, CVM-05, CVM-01, CVM-02, CVM-03, CVM-P1)

- (a) 326 IAC 6-2 (Particulate Emissions from Indirect Heating Units)
Pursuant to 326 IAC 6-2-1 (e), the one (1) DGF thermal oil process heater, identified as CVM-05, is subject to the requirements of 326 IAC 6-2-4, since it is a source of indirect heating and was constructed after September 21, 1983. Pursuant to 326 IAC 6-2-4, because the total source maximum operating capacity rating is less than 10 MMBtu/hr, the particulate emissions from this one (1) DGF thermal oil process heater shall not exceed 0.60 lb/MMBtu.

This limitation is based on the following equation:

$$Pt = \frac{1.09}{Q^{0.26}}$$

Where:

- Pt = Pounds of particulate matter emitted per million Btu (lb/MMBtu) heat input.
- Q = Total source maximum operating capacity rating in million Btu per hour (MMBtu/hr) heat input. The maximum operating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit; in which case, the capacity specified in the operation permit shall be used.

Based on a total source maximum operating capacity of 3.50 MMBtu/hr, the Pt from the equation above is calculated out to 0.78 lb/ MMBtu for the one (1) DGF thermal oil process heater, identified as CVM-05.

The potential to emit particulate from the one (1) DGF thermal oil process heater is less than 0.60 lb/MMBtu. Therefore, the one (1) DGF thermal oil process heater at this source is able to comply with this limit without the use of a control device.

Pursuant to 326 IAC 6-2-1 (a), the one (1) natural gas-fired DGF rack oven and three (3) DGF tunnel ovens are each not subject to the requirements of 326 IAC 6-2 because none of these units are a source of indirect heating.

- (b) 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)
Each of the natural gas-fired combustion units at this source is exempt from the requirements of 326 IAC 6-3, because, pursuant to 326 IAC 1-2-59, liquid and gaseous fuels and combustion air are not considered as part of the process weight. In addition, pursuant to 326 IAC 6-3-1(b)(14), each of the natural gas-fired combustion units at this source is also exempt from the requirements of 326 IAC 6-3, because they each have potential particulate emissions of less than five hundred fifty one thousandths (0.551) pounds per hour.

- (c) 326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)
The unlimited potential to emit VOC from Bakery Line 3, consisting of the one (1) natural gas-fired tunnel oven (CVM-03) and the one (1) proofing unit (CVM-P1), is greater than twenty-five (25) tons per year and construction will commence after January 1, 1980. However, the source shall limit the VOC potential emissions from Bakery Line 3 to less than twenty-five (25) tons per year. Therefore, the requirements of 326 IAC 8-1-6 do not apply.

In order to render the requirements of 326 IAC 8-1-6 not applicable, the VOC emissions from Bakery Line 3, consisting of CVM-03 and CVM-P1, shall not exceed 24.90 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with this limit shall limit the potential to emit VOC from Bakery Line 3 to less than twenty five (25) tons per twelve (12) consecutive month period, and shall render the requirements of 326 IAC 8-1-6 (New Facilities: General Reduction Requirements) not applicable.

- (d) 326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations)
Pursuant to 326 IAC 7-1.1-1, the natural gas-fired combustion units at this source are not subject to the requirements of 326 IAC 7-1.1, since each has a unlimited sulfur dioxide (SO₂) emissions less than twenty-five (25) tons per year and ten (10) pounds per hour respectively.
- (e) 326 IAC 10 (Nitrogen Oxides)
Pursuant to 326 IAC 10-3 and 326 IAC 10-4, the natural gas-fired combustion units at this source are not subject to the requirements of 326 IAC 10 because none of these units are located in Clark or Floyd Counties, are not in a source category, are not used for generating electricity and are not "large affected units".

Silos (CVM-S1 and CVM-S2)

- (a) 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-2, the requirements of 326 IAC 6-3 are applicable to each of the two (2) dry ingredient storage silos, identified as CVM-S1 and CVM-S2. The particulate emissions from each of these units shall not exceed the allowable PM emission rate of 3.36 lbs/hr.

The pound per hour limitations were calculated with the following equation:

Interpolation of the data in the table in 326 IAC 6-3-2(e)(2) for the process weight rates up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

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

In order to comply with the allowable rate of emission, particulate from each of the two (2) dry ingredient storage silos, identified as CVM-S1 and CVM-S2, shall be controlled by their associated micron polyester filter media-bin vent covers at all times that the associated silos are in operation.

Cleaners and Solvents

- (a) 326 IAC 8-3 (Cold Cleaner Degreaser Control and Equipment Operating Requirements)
The cleaners and solvents are not subject to the requirements of 326 IAC 8-3, since the cleaner and solvent usage is not used in a cold cleaner degreaser, open top vapor degreaser or a conveyORIZED degreaser.

Welding

- (a) 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1(b)(9), the requirements of 326 IAC 6-3 do not apply to either of the units comprising the welding operation because each of the welding units uses less than 625 pounds of weld wire or rod per day.

Compliance Determination, Monitoring and Testing Requirements

- (a) The compliance determination and monitoring requirements applicable to this source are as follows:
- (1) Compliance with the VOC limit for the Bakery Line 3 (consisting of one (1) natural gas-fired DGF tunnel oven, identified as CVM-03, and one (1) proofing unit, identified as CVM-P1) shall be determined by the following equation:

$$\text{VOC} = \left(\left(1.1 * \sum_{m=1}^{12} \left(\frac{E_f * BP}{2000 \text{ lb / ton}} \right) \right) + 0.009 \right)_m$$

Where:

BP = The amount of baked product produced during month m (tons/month);

E_f = The VOC emission factor (lb of VOC/ton of baked product); and

m = The compliance period is one (1) calendar month.

The Permittee shall use 2.94 lbs VOC/ton for the emission factor (E_f) or the emission factor calculated using the most recently published equation for bread baking, as listed in AP-42 Chapter 9.9.6.

- (2) The micron polyester filter media-bin vent covers for particulate control shall be in operation and control emissions from the two (2) silos, identified as CVM-S1 and CVM-S2, at all times the two (2) silos (CVM-S1 and CVM-S2) are in operation.
- (b) There are no testing requirements applicable to this source.

Conclusion and Recommendation

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on June 07, 2013.

The construction and operation of this source shall be subject to the conditions of the attached proposed New Source Construction and MSOP No. M053-33291-00071. The staff recommends to the Commissioner that this New Source Construction and MSOP be approved.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Nida Habeeb at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234 - 8531 or toll free at 1-800-451-6027 extension 4-8531.
- (b) A copy of the findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>

- (c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.in.gov/idem

**Appendix A: Emissions Calculations
Emissions Summary**

Company Name: Café Valley Bakery
Address City IN Zip: 3701 S. Adam St., Marion, IN 46953
Permit Number: M053-33291-00077
Permit Reviewer: Nida Habeeb

UNCONTROLLED POTENTIAL TO EMIT (tons/yr)												
Emission Units	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Total HAPs	Worst Single HAP	GHGs (as CO ₂ e)		
Silo Loading												
Wheat Flour Silos	82.18	28.79	28.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00
Leavened Products Baking Lines												
Baking Line 3 (CVM-03)	Proofing	0.00	0.00	0.00	0.00	0.00	2.58	0.00	0.00	0.00	-	0.00
	Fermentation	0.00	0.00	0.00	0.00	0.00	25.76	0.00	0.00	0.00	-	0.00
	Natural Gas Combustion	0.04	0.15	0.15	0.01	1.93	0.11	1.62	0.04	0.03	Hexane	2,332.94
Combustion												
DGF Tunnel Ovens Associated with Baking Line(s) - Line 1 - DGF Tunnel Oven (CVM-01) and Line 2 DGF Tunnel Oven (CVM-02)	0.13	0.53	0.53	0.04	6.96	0.38	5.84	0.13	0.13	Hexane	8,399	
DGF Rack Ovens NOT Associated with Baking Line(s) (CVM-04)												
Heaters Associated with Baking Products - DGF Thermal Oil Process Heater (CVM-05):												
Other Activities												
Welding	2.75E-03	2.75E-03	0.00	0.00	0.00	0.00	0.00	2.50E-04	2.50E-04	Manganese	0.00	
Fugitive Emissions - Paved Roads	8.95	1.79	0.44	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	
PLANT-WIDE TOTAL	91.30	31.26	29.90	0.05	8.89	28.82	7.47	0.17	0.16	-	10,731.50	

**Appendix A: Emissions Calculations
Emissions Summary**

Company Name: Café Valley Bakery
Address City IN Zip: 3701 S. Adam St., Marion, IN 46953
Permit Number: M053-33291-00077
Permit Reviewer: Nida Habeeb

LIMITED POTENTIAL TO EMIT (tons/yr)												
Emission Units	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Total HAPs	Worst Single HAP	GHGs (as CO ₂ e)		
Silo Loading												
Wheat Flour Silos	82.18	28.79	28.79	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	
Leaven Products Baking Lines												
Baking Line 3 (CVM-03)	Proofing	0.00	0.00	0.00	0.00	24.90	0.00	0.00	0.00	-	0.00	
	Fermentation	0.00	0.00	0.00	0.00		0.00	0.00	0.00	-	0.00	
	Natural Gas Combustion	0.04	0.15	0.15	0.01		1.93	1.62	0.04	0.03	Hexane	2,332.94
Combustion												
DGF Tunnel Ovens Associated with Baking Line(s) - Line 1 - DGF Tunnel Oven (CVM-01) and Line 2 DGF Tunnel Oven (CVM-02)	0.13	0.53	0.53	0.04	6.96	0.38	5.84	0.13	0.13	Hexane	8,399	
DGF Rack Ovens NOT Associated with Baking Line(s) Heaters Associated with Baking Products - DGF												
Other Activities												
Welding	2.75E-03	2.75E-03	0.00	0.00	0.00	0.00	0.00	2.50E-04	2.50E-04	Manganese	0.00	
Fugitive Emissions - Paved Roads	8.95	1.79	0.44	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	
PLANT-WIDE TOTAL	91.30	31.26	29.90	0.05	8.89	25.28	7.47	0.17	0.16	Hexane	10,731.50	

Note:
In order to render the requirements of 326 IAC 8-1-6 not applicable, the VOC emissions from Bakery Line 3, consisting of CVM-03 and CVM-P1, shall not exceed 24.90 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

**Appendix A: Emissions Calculations
Emissions from Dry Ingredient Storage and Conveying**

**Company Name: Café Valley Bakery
Address City IN Zip: 3701 S. Adam St., Marion, IN 46953
Permit Number: M053-33291-00077
Reviewer: Nida Habeeb**

Emission Factor (lbs/ton)*	
PM	PM10
3.14	1.10

Filter Unit Control Efficiency	
PM	PM10
99.90%	99.90%

Potential to Emit (PTE) of Particulate (PM and PM10)

Emission Unit	Maximum Ingredient Throughput (lbs/hr)**	Maximum Ingredient Throughput (tons/hr)**	Uncontrolled PTE of PM (lbs/hour)	Uncontrolled PTE of PM10 (lbs/hour)	Uncontrolled PTE of PM (tons/yr)	Uncontrolled PTE of PM10 (tons/yr)	Controlled PTE of PM (tons/yr)	Controlled PTE of PM10 (tons/yr)
Storage Silos (CVM-S1 and CVM-S2)	11,950.00	5.98	18.76	6.57	82.18	28.79	8.2E-02	2.9E-02
Totals					82.2	28.79	0.08	0.03

Methodology

Maximum Ingredient Throughput (lbs/hr) = Maximum Ingredient Throughput (lbs/hr) * 8760 (hrs/yr) / 2000 (lbs/ton)

Maximum Hourly Throughput (tons/hr) = [Maximum Hourly Throughput (tons/yr)] * 2000 (lbs/ton) / 8760 (hrs/yr)

Uncontrolled PTE of PM or PM10 (lbs/hour) = [Maximum Hourly Throughput (tons/hr)] x [Emission Factor (lbs/ton)]

Uncontrolled PTE of PM or PM10 (tons/year) = [Uncontrolled PTE of PM or PM10 (lbs/hour)] x [8760 hours/year] / [2000 lbs/ton]

where:

* Emission Factors from AP-42 Table 11.12-2 for uncontrolled truck unloading of cement supplement to elevated storage silo (pneumatic)

The uncontrolled potential to emit of particulate from dry ingredient storage and conveying before controls are estimated using AP-42 Table 11.12-2 emission factors for the uncontrolled truck unloading of cement supplement to elevated storage silo (pneumatic)

**Maximum ingredient throughput of 11,950 lbs/hr is based on combined maximum throughput capacities of the three individual baking lines.

The maximum batch production rate of each bread line is different.

Compliance calculations to determine compliance with 326 IAC 6-3-2

Emission Unit Type	Maximum Batch Filling Rate (lbs/hr)	Maximum Batch Filling Rate (tons/hr)	326 IAC 6-3-2 Allowable PM Emission Rate E (lbs/hr)
Storage Silos (CVM-S1 and CVM-S2)	11,950.00	5.98	13.58

Methodology

Allowable PM Emission Rate E (lbs/hr) = $4.1P^{0.67}$

Allowable PM Emission Rate E (tons/yr) = Allowable PM Emission Rate E (lbs/hr) * 8760 (hrs/yr)/2000 (lbs/ton)

The use of the filter units will ensure compliance with each of the limits above.

**TSD Appendix A: Emission Calculations
Natural Gas Combustion**

Company Name: Café Valley Bakery
Address City IN Zip: 3701 S. Adam St., Marion, IN 46953
Permit Number: M053-33291-00077
Reviewer: Nida Habeeb

Unit	Maximum Heat Input Capacity (MMBtu/hr)	High Heat Value (MMBtu/MMscf)	Potential Throughput (MMcf/yr)
DGF Tunnel Ovens Associated with Baking Line(s):			
Line 1 - DGF Tunnel Oven (CVM-01)	4.50	1020	38.65
Line 2 DGF Tunnel Oven (CVM-02)	3.60	1020	30.92
Line 3 - DGF Tunnel Oven (CVM-03)	4.50	1020	38.65
DGF Rack Ovens NOT Associated with Baking Line(s):			
DGF Rack Oven (CVM-04)	0.10	1020	0.86
Heaters Associated with Baking Products:			
DGF Thermal Oil Process Heater (CVM-05)	3.50	1020	30.06
Totals	16.20		139.13

Criteria Pollutants	Pollutant						
	PM*	PM10*	PM2.5*	SO2	NOx	VOC	CO
Emission Factor in lb/MMcf	1.9	7.6	7.6	0.6	100	5.5	84
Potential Emission in tons/yr	0.13	0.53	0.53	0.04	**see below	0.38	5.84

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined. PM2.5 assumed equal to PM10
 **Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Hazardous Air Pollutants	HAPs - Organics*					HAPs - Metals*				
	Benzene	DCB	Formaldehyde	Hexane	Toluene	Pb	Cd	Cr	Mn	Ni
Emission Factor in lb/MMcf	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emission in tons/yr	1.5E-04	8.3E-05	5.2E-03	1.3E-01	2.4E-04	3.5E-05	7.7E-05	9.7E-05	2.6E-05	1.5E-04

*The five highest organic and metal HAPs emission factors are provided above. Additional HAPs emission factors are available in AP-42, Chapter 1.4.

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/yr) = [Heat Input Capacity (MMBtu/hr)] * [8,760 hours/year] * [MMcf/1,020 MMBtu]
 Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

Potential Emission of Total HAPs (tons/yr)	0.13
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Greenhouse Gases (GHGs)

	Greenhouse Gas (GHG)		
	CO2	CH4	N2O
Emission Factor in lb/MMcf	120000	2.3	2.2
Potential Emission in tons/yr	8,348	0.16	0.15
Summed Potential Emissions in tons/yr	8,348		
CO2e Total in tons/yr	8,399		

Methodology

The N2O Emission Factor for uncontrolled is 2.2. The N2O Emission Factor for low Nox burner is 0.64.
 Emission Factors are from AP 42, Table 1.4-2 SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03.
 Greenhouse Warming Potentials (GWP) from Table A-1 of 40 CFR Part 98 Subpart A.
 Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton
 CO2e (tons/yr) = CO2 Potential Emission ton/yr x CO2 GWP (1) + CH4 Potential Emission ton/yr x CH4 GWP (21) + N2O Potential Emission ton/yr x N2O GWP (310).

Abbreviations

PM = Particulate Matter	DCB = Dichlorobenzene	CO2 = Carbon Dioxide
PM10 = Particulate Matter (<10 um)	Pb = Lead	CH4 = Methane
SO2 = Sulfur Dioxide	Cd = Cadmium	N2O = Nitrous Oxide
NOx = Nitrous Oxides	Cr = Chromium	CO2e = CO2 equivalent emissions
VOC = Volatile Organic Compounds	Mn = Manganese	
CO = Carbon Monoxide	Ni = Nickel	

**TSD Appendix A: Emission Calculations
Line 3 with Leavened Products - Natural Gas Combustion**

Company Name: Café Valley Bakery
Address City IN Zip: 3701 S. Adam St., Marion, IN 46953
Permit Number: M053-33291-00077
Reviewer: Nida Habeeb

Unit	Maximum Heat Input Capacity (MMBtu/hr)	High Heat Value (MMBtu/MMscf)	Potential Throughput (MMcf/yr)
Line 3 - DGF Tunnel Oven (CVM-03)	4.50	1020	38.65
Totals	4.50		38.65

Criteria Pollutants	Pollutant						
	PM*	PM10*	PM2.5*	SO2	NOx	VOC	CO
Emission Factor in lb/MMcf	1.9	7.6	7.6	0.6	100 **see below	5.5	84
Potential Emission in tons/yr	0.04	0.15	0.15	0.01	1.93	0.11	1.62

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined. PM2.5 assumed equal to PM10

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

Hazardous Air Pollutants	HAPs - Organics*					HAPs - Metals*				
	Benzene	DCB	Formaldehyde	Hexane	Toluene	Pb	Cd	Cr	Mn	Ni
Emission Factor in lb/MMcf	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emission in tons/yr	4.1E-05	2.3E-05	1.4E-03	3.5E-02	6.6E-05	9.7E-06	2.1E-05	2.7E-05	7.3E-06	4.1E-05

*The five highest organic and metal HAPs emission factors are provided above. Additional HAPs emission factors are available in AP-42, Chapter 1.4.

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/yr) = [Heat Input Capacity (MMBtu/hr)] * [8,760 hours/year] * [MMcf/1,020 MMBtu]

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

Potential Emission of Total HAPs (tons/yr)	0.04
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Greenhouse Gases (GHGs)

Greenhouse Gases (GHGs)	Greenhouse Gas (GHG)		
	CO2	CH4	N2O
Emission Factor in lb/MMcf	120000	2.3	2.2
Potential Emission in tons/yr	2,319	0.04	0.04
Summed Potential Emissions in tons/yr	2,319		
CO2e Total in tons/yr	2,333		

Methodology

The N2O Emission Factor for uncontrolled is 2.2. The N2O Emission Factor for low Nox burner is 0.64.

Emission Factors are from AP 42, Table 1.4-2 SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03.

Greenhouse Warming Potentials (GWP) from Table A-1 of 40 CFR Part 98 Subpart A.

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

CO2e (tons/yr) = CO2 Potential Emission ton/yr x CO2 GWP (1) + CH4 Potential Emission ton/yr x CH4 GWP (21) + N2O Potential Emission ton/yr x N2O GWP (310).

Abbreviations

PM = Particulate Matter

PM10 = Particulate Matter (<10 um)

SO2 = Sulfur Dioxide

NOx = Nitrous Oxides

VOC - Volatile Organic Compounds

CO = Carbon Monoxide

DCB = Dichlorobenzene

Pb = Lead

Cd = Cadmium

Cr = Chromium

Mn = Manganese

Ni = Nickel

CO2 = Carbon Dioxide

CH4 = Methane

N2O = Nitrous Oxide

CO2e = CO2 equivalent emissions

Appendix A: Emissions Calculations
Line 3 with Leavened Products - VOC Emissions from Fermentation
(Released at the Oven)

Company Name: Café Valley Bakery
 Address City IN Zip: 3701 S. Adam St., Marion, IN 46953
 Permit Number: M053-33291-00077
 Permit Reviewer: Nida Habeeb

Uncontrolled Potential to Emit (Before Limit)										
AP-42, Section 9.9.6								Emission Factor	Potential Emissions	
Production Line	Product	Maximum Capacity (lb/hr)	Maximum Throughput (tons/yr)	Initial Baker's % Yeast	Yeast Action Time (hours)	Final (Spike) Baker's % Yeast	Spike Time (hours)	VOC (lb/ton)	VOC (tons/yr)	Acetaldehyde (tons/yr)
Line 3 DGF Tunnel Oven (CVM-03)	Leavened Product	4,000	17,520.00	0.0	16.3	2.0	1.3	2.94	25.76	0.77

Methodology:

Maximum Throughput (tons/yr) = Maximum Capacity (lb/hr) * 8760 hr/yr ÷ 2000 lb/ton
 Potential Emissions (tons/yr) = Maximum Throughput (tons/yr) * Emission Factor (lb/ton) ÷ 2000 lb/ton

The process VOC emission calculations for the dough fermentation are based upon the following EPA recommended bakery oven emissions:
 AP-42 Section 9.9.6

$$VOC = 0.95Y_i + 0.195t_i - 0.51S - 0.86t_s + 1.90$$

where: Y_i = initial baker's percent of yeast to the nearest tenth
 t_i = total yeast action time in hours to the nearest tenth
 S = final (spike) baker's percent of yeast to the nearest tenth
 t_s = spiking time in hours to the nearest tenth

The equation values for Line 3 are for the production of its highest-emitting product, as supplied by the source.

VOCs emitted during fermentation (leavening) are assumed to be 97% ethanol and 3% acetaldehyde (VOC/HAP), based on the following document and supporting information:

1. "Alternative Control Technology Document for Bakery Oven Emissions" (EPA 453/R-92-017. December 1992)
2. Henderson D.C., 1977 "Commercial Bakeries as a Major Source of Reactive Volatile Organic Gases", U.S. EPA, Region XI Surveillance and Analysis Division

**Appendix A: Emissions Calculations
Line 3 with Leavened Products - VOC and HAP Emissions
Proof Box**

Company Name: Café Valley Bakery
Address City IN Zip: 3701 S. Adam St., Marion, IN 46953
Permit Number: M053-33291-00077
Permit Reviewer: Nida Habeeb

Production Line	Product	Emission Unit	Uncontrolled/Unlimited Potential to Emit		
			Uncontrolled Potential VOC from Fermentation (tons/year)	Uncontrolled Potential VOC from Proofing (tons/year)	Uncontrolled Potential Acetaldehyde from Proofing (tons/year)
Line 3 DGF Tunnel Oven (CVM-03)	Leavened Products	Proof Box	25.76	2.58	0.77
TOTAL				2.58	0.77

Notes:

VOC emissions from proofing shall be assumed to be 10% of the emissions calculated for fermentation based on the following document:

"Alternative Control Technology Document for Bakery Oven Emissions" (EPA 453/R-92-017. December 1992)

VOCs emitted during fermentation (leavening) are assumed to be 97% ethanol and 3% acetaldehyde (VOC/HAP), based on the following document and supporting information:

1. "Alternative Control Technology Document for Bakery Oven Emissions" (EPA 453/R-92-017. December 1992)
2. Henderson D.C., 1977 "Commercial Bakeries as a Major Source of Reactive Volatile Organic Gases", U.S. EPA, Region XI Surveillance and Analysis Division

Methodology:

VOC Emissions from Proofing (tons/yr) = 0.10 * Fermentation Emissions (tons/yr)

Acetaldehyde Emissions from Proofing (tons/yr) = 0.03 * VOC Emissions from Proofing (tons/yr)

**Appendix A: Emissions Calculations
Welding**

Company Name: Café Valley Bakery
Address City IN Zip: 3701 S. Adam St., Marion, IN 46953
Permit Number: M053-33291-00077
Reviewer: Nida Habeeb

PROCESS	Number of Stations	Max. Electrode Consumptions per Stations (lbs/hr)	EMISSION FACTORS*				EMISSIONS				HAPs (lbs/hr)	Worst Single HAP (lbs/hr)
			(lb pollutant/lb electrode)				(lbs/hr)					
Welding			PM = PM10	Mn	Ni	Cr	PM = PM10	Mn	Ni	Cr		
Oxy/Acetylene Welding Carts	1	0.06	0.0055	0.0005	0.00	0.000	3.14E-04	2.85E-05	0.00E+00	0.00E+00	2.85E-05	Manganese
Tungsten Inert Gas Welder	1	0.06	0.0055	0.0005	0.00	0.000	3.14E-04	2.85E-05	0.00E+00	0.00E+00	2.85E-05	Manganese
EMISSION TOTALS												
Potential Emissions lbs/hr							6.28E-04				5.71E-05	-
Potential Emissions lbs/day							1.51E-02				1.37E-03	-
Potential Emissions tons/year							2.75E-03				2.50E-04	2.50E-04

Methodology:

*Emission Factors are default values for carbon steel unless a specific electrode type is noted in the Process column.

**Emission Factor for plasma cutting from American Welding Society (AWS). Trials reported for wet cutting of 8 mm thick mild steel with 3.5 m/min cutting speed (at 0.2 g/min emitted). Therefore, the emission factor for plasma cutting is for 8 mm thick

Using AWS average values: (0.25 g/min)/(3.6 m/min) x (0.0022 lb/g)/(39.37 in./m) x (1,000 in.) = 0.0039 lb/1,000 in. cut, 8 mm thick

Plasma cutting emissions, lb/hr: (# of stations)(max. cutting rate, in./min.)(60 min./hr.)(emission factor, lb. pollutant/1,000 in. cut, 8 mm thick)

Cutting emissions, lb/hr: (# of stations)(max. metal thickness, in.)(max. cutting rate, in./min.)(60 min./hr.)(emission factor, lb. pollutant/1,000 in. cut, 1" thick)

Welding emissions, lb/hr: (# of stations)(max. lbs of electrode used/hr/station)(emission factor, lb. pollutant/lb. of electrode used)

Emissions, lbs/day = emissions, lbs/hr x 24 hrs/day

Emissions, tons/yr = emissions, lb/hr x 8,760 hrs/year x 1 ton/2,000 lbs.

**Appendix A: Emission Calculations
Fugitive Dust Emissions - Paved Roads**

Company Name: Café Valley Bakery
Address City IN Zip: 3701 S. Adam St., Marion, IN 46953
Permit Number: M053-33291-00077
Reviewer: Nida Habeeb

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).

Vehicle Information (provided by source)

Type	Maximum number of vehicles per day	Number of one way trips per day per vehicle	Maximum trips per day (trip/day)	Maximum Weight Loaded (tons/trip)	Total Weight driven per day (ton/day)	Maximum one-way distance (feet/trip)	Maximum one-way distance (mi/trip)	Maximum one-way miles (miles/day)	Maximum one-way miles (miles/yr)
Passenger vehicles (Entering)	666	1	666	1.75	1,166	537	0.10	67.74	24,723.36
Passenger vehicles (Leaving)	666	1	666	1.75	1,166	537	0.10	67.74	24,723.36
Over the road trucks (Entering)	40	1	40	40.00	1,600	1170	0.22	8.86	3,235.23
Over the road trucks (Leaving)	40	1	40	40.00	1,600	1170	0.22	8.86	3,235.23
Totals			1412		5,531			153.20	55,917.17

Average Vehicle Weight Per Trip = 3.9 tons/trip
Average Miles Per Trip = 0.11 miles/trip

Unmitigated Emission Factor, Ef = $[k * (sL)^{0.91} * (W)^{1.02}]$ (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 =	3.9	3.9	3.9	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, Eext = $E * [1 - (p/4N)]$ (Equation 2 from AP-42 13.2.1)

Mitigated Emission Factor, Eext = $E_f * [1 - (p/4N)]$
where p = 125 days of rain greater than or equal to 0.01 inches (see Fig. 13.2.1-2)
N = 365 days per year

	PM	PM10	PM2.5	
Unmitigated Emission Factor, Ef =	0.350	0.070	0.0172	lb/mile
Mitigated Emission Factor, Eext =	0.320	0.064	0.0157	lb/mile

Process	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)
Passenger Vehicle (entering plant) (one-way trip)	4.33	0.87	0.21	3.96	0.79	0.19
Passenger Vehicle (leaving plant) (one-way trip)	4.33	0.87	0.21	3.96	0.79	0.19
Over the Road Truck (Entering)	0.57	0.11	0.03	0.52	0.10	0.03
Over the Road Truck (Leaving)	0.57	0.11	0.03	0.52	0.10	0.03
Totals	9.79	1.96	0.48	8.95	1.79	0.44

Methodology

Total Weight driven per day (ton/day) = [Maximum Weight Loaded (tons/trip)] * [Maximum trips per day (trip/day)]
Maximum one-way distance (mi/trip) = [Maximum one-way distance (feet/trip)] / [5280 ft/mile]
Maximum one-way miles (miles/day) = [Maximum trips per year (trip/day)] * [Maximum one-way distance (mi/trip)]
Average Vehicle Weight Per Trip (ton/trip) = SUM[Total Weight driven per day (ton/day)] / SUM[Maximum trips per day (trip/day)]
Average Miles Per Trip (miles/trip) = SUM[Maximum one-way miles (miles/day)] / SUM[Maximum trips per year (trip/day)]
Unmitigated PTE (tons/yr) = [Maximum one-way miles (miles/yr)] * [Unmitigated Emission Factor (lb/mile)] * (ton/2000 lbs)
Mitigated PTE (tons/yr) = [Maximum one-way miles (miles/yr)] * [Mitigated Emission Factor (lb/mile)] * (ton/2000 lbs)

Abbreviations

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



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

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

TO: Rick Green
Cafe Valley Bakery
7000 W Buckey Road
Phoenix, AZ 85043

DATE: December 5, 2013

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

SUBJECT: Final Decision
Minor Source Operating Permit (MSOP)
053-33291-00077

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 6/13/2013



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Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

December 5, 2013

TO: Marion Public Library

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

Subject: **Important Information for Display Regarding a Final Determination**

Applicant Name: Cafe Valley Bakery
Permit Number: 053-33291-00077

You previously received information to make available to the public during the public comment period of a draft permit. Enclosed is a copy of the final decision and supporting materials for the same project. Please place the enclosed information along with the information you previously received. To ensure that your patrons have ample opportunity to review the enclosed permit, **we ask that you retain this document for at least 60 days.**

The applicant is responsible for placing a copy of the application in your library. If the permit application is not on file, or if you have any questions concerning this public review process, please contact Joanne Smiddie-Brush, OAQ Permits Administration Section at 1-800-451-6027, extension 3-0185.

Enclosures
Final Library.dot 6/13/2013

Mail Code 61-53

IDEM Staff	PWAY 12/5/2013 Cafe Valley Bakery 053-33291-00077 (final)		Type of Mail: CERTIFICATE OF MAILING ONLY	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		

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handling 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		Rick Green Cafe Valley Bakery 7000 W Buckey Rd Phoenix AZ 85043 (Source CAATS)									
2		Marion City Council and Mayors Office 301 S. Branson Street Marion IN 46952-4052 (Local Official)									
3		Grant County Commissioners 401 South Adams Marion IN 46953 (Local Official)									
4		Ms. Mary Shipley 10968 E 100 S Marion IN 46953 (Affected Party)									
5		Grant County Health Department 401 S. Adams St, Courthouse Complex Marion IN 46953-2031 (Health Department)									
6		Mr. Thomas Lee Clevenger 4005 South Franks Lane Selma IN 47383 (Affected Party)									
7		Marion Public Library 600 S Washington St Marion IN 46953 (Library)									
8											
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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 mail 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 insured 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.
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