



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: April 30, 2013

RE: Multiseal, Inc. / 163 - 32702 - 00194

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

Notice of Decision: Approval - Effective Immediately

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

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

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

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

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

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

Enclosures
FNPER.dot12/03/07



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

Multiseal, Inc.
2131 Commercial Ct. Evansville, Indiana 47720
4320 Hitch and Peters Rd., Evansville, IN 47721

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

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

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

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

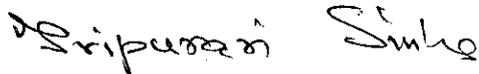
Operation Permit No.: F163-32702-00194	
Issued by:  Tripurari P. Sinha, Ph. D., Section Chief Permits Branch Office of Air Quality	Issuance Date: April 30, 2013 Expiration Date: April 30, 2018

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SECTION A SOURCE SUMMARY

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

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

The Permittee owns and operates a stationary adhesives and sealants manufacturer.

Source Address:	2131 Commercial Ct., Evansville, Indiana 47720
General Source Phone Number:	(812) 428-3422
SIC Code:	2891
County Location:	Vanderburgh
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit Program Minor Source, under PSD Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

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

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

Plant 1 (2131 Commercial Ct)

- (a) Six (6) open face mixers using a variety of material for sealants or adhesives consisting of the following:
- (1) Mixer, identified as M-1, constructed in prior to 1991, with a maximum capacity of 75 lbs of material per hour, using no controls and exhausting inside.
 - (2) Mixer, identified as M-2, constructed in prior to 1991, with a maximum capacity of 750 lbs of material per hour, using no controls and exhausting inside.
 - (3) Mixer, identified as M-3, constructed in prior to 1991, with a maximum capacity of 937.5 lbs of material per hour, using no controls and exhausting inside.
 - (4) Mixer, identified as M-4, constructed in prior to 1991, with a maximum capacity of 500 lbs of material per hour, using no controls and exhausting inside.
 - (5) Mixer, identified as M-5, constructed in prior to 1991, with a maximum capacity of 1,100 lbs of material per hour, using no controls and exhausting inside.
 - (6) Mixer, identified as M-6, constructed in prior to 1991, with a maximum capacity of 750 lbs of material per hour, using no controls and exhausting inside.
- (b) One (1) Plastic extruder and pelletized operation, with a maximum capacity of 950 lbs per hour consisting of:
- (1) One (1) Bonnet Extruder, identified as BE-1, constructed in prior to 1991, with a maximum capacity of 1,200 pounds of EVA (Ethylene-vinyl acetate) per hour, using no controls and exhausting inside.

- (2) One (1) Blender, identified as B-1, constructed in prior to 1991, with a maximum capacity of 1,200 pounds of EVA (Ethylene-vinyl acetate) per hour, using no controls and exhausting inside.
- (3) One (1) Pelletizer, identified as P-1, constructed in prior to 1991, with a maximum capacity of 950 pounds of EVA (Ethylene-vinyl acetate) per hour, using no controls and exhausting inside.

Plant 2 (4320 Hitch and Peters Rd)

- (c) Thirteen (13) extruders, using no control equipment, exhausting indoors and consisting of:
 - (1) Extruder, identified as E-1, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
 - (2) Extruder, identified as E-2, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
 - (3) Extruder, identified as E-3, constructed in 1991, with a maximum capacity of 2,000 lbs of butyl mastics or caulking cord per hour.
 - (4) Extruder, identified as E-4, constructed in 1991, with a maximum capacity of 2,000 lbs of butyl mastics or caulking cord per hour.
 - (5) Extruder, identified as E-5, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics per hour.
 - (6) Extruder, identified as E-6, constructed in 1991, with a maximum capacity of 200 lbs of butyl mastics per hour.
 - (7) Extruder, identified as E-7, constructed in 1991, with a maximum capacity of 200 lbs of pellets per hour.
 - (8) Extruder, identified as E-8, constructed in 1991, with a maximum capacity of 1,000 lbs of butyl mastics or caulking cord per hour.
 - (9) Extruder, identified as E-9, constructed in 1991, with a maximum capacity of 1,000 lbs of butyl mastics or caulking cord per hour.
 - (10) Extruder, identified as E-10, constructed in 1991, with a maximum capacity of 2,000 lbs of butyl mastics or caulking cord per hour.
 - (11) Extruder, identified as E-11, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
 - (12) Extruder, identified as E-12, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
 - (13) Extruder, identified as E-13, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
- (d) One (1) plastic molding machine, identified as PMM, constructed in 1991, with a maximum capacity of 5 lbs of plastic per hour, using no controls and exhausting inside the building.

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

This stationary source also includes the following insignificant activities:

- (a) One (1) cold cleaner (Plant 1), identified as PC-1, constructed after July 1, 1990 that does not exceed one hundred forty-five (145) gallons per twelve (12) months.
- (b) One (1) cold cleaner (Plant 2), identified as PC-1, constructed after July 1, 1990 that does not exceed one hundred forty-five (145) gallons per twelve (12) months.
- (c) Storage Tanks:
 - (1) Storage Tank 1 with a storage capacity of 8,000 gallons (30 tons) and containing Sunpar 2280.
 - (2) Storage Tank 2 with a storage capacity of 8,000 gallons (30 tons) and containing M-250.
 - (3) Storage Tank 3 with a storage capacity of 8,000 gallons (30 tons) and containing TPC-1160.
- (d) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour, including the following:
 - (1) Five (5) natural gas-fired space heaters (plant 1), identified as H-1 through H-5, constructed in 1991, with a maximum heat input capacity of 0.25 MMBtu/hr, each, using no controls and exhausting inside.
 - (2) One (1) natural gas-fired space heater (Plant 2), identified as H-1, constructed in 1991, with a maximum heat input capacity of 1.65 MMBtu/hr, each, using no controls and exhausting inside.
 - (3) One (1) natural gas-fired space heater (Plant 2), identified as H-2, constructed in 1991, with a maximum heat input capacity of 2.75 MMBtu/hr, each, using no controls and exhausting inside.

A.4 FESOP Applicability [326 IAC 2-8-2]

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

SECTION B GENERAL CONDITIONS

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

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

B.2 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][326 IAC 2-8]

This document shall also become the approval to operate pursuant to 326 IAC 2-5.1-4 and 326 IAC 2-8 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 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

-
- (a) This permit, F163-32702-00194, 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 [326 IAC 2-8-6] [IC 13-17-12]

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

B.7 Severability [326 IAC 2-8-4(4)]

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

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

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

B.9 Duty to Provide Information [326 IAC 2-8-4(5)(E)]

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

B.10 Certification [326 IAC 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(1)]

- (a) A certification required by this permit meets the requirements of 326 IAC 2-8-5(a)(1) if:
 - (1) it contains a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1), and
 - (2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

B.11 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than April 15 of each year to:

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

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

- (c) The annual compliance certification report shall include the following:
- (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and
 - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

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

B.12 Compliance Order Issuance [326 IAC 2-8-5(b)]

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

B.13 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)]

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

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

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

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

The Permittee shall implement the PMPs.

- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.14 Emergency Provisions [326 IAC 2-8-12]

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

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865
Southwest Regional Office phone: (812) 380-2305; fax: (812) 380-2304.

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

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

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

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

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

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

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

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

B.15 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to F163-32702-00194 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.16 Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]

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

B.17 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]

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

B.18 Permit Renewal [326 IAC 2-8-3(h)]

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

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

Request for renewal shall be submitted to:

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

- (b) A timely renewal application is one that is:
- (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified, pursuant to 326 IAC 2-8-3(g), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.19 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]

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

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

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

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

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

B.20 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]

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

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

- (2) Any approval required by 326 IAC 2-8-11.1 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

- (4) The Permittee notifies the:

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

and

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

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

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-8-15(b)(1) and (c). The Permittee shall make such records available, upon reasonable request, for public review.

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

- (b) Emission Trades [326 IAC 2-8-15(b)]
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(b).
- (c) Alternative Operating Scenarios [326 IAC 2-8-15(c)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (d) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.21 Source Modification Requirement [326 IAC 2-8-11.1]

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

B.22 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as

such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

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

B.23 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

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

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

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

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

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]

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

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

B.25 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [326 IAC 1-1-6]

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

C.1 Overall Source Limit [326 IAC 2-8]

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

- (a) Pursuant to 326 IAC 2-8:
 - (1) The potential to emit any regulated pollutant, except particulate matter (PM) and greenhouse gases (GHGs), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.
 - (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
 - (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.
 - (4) The potential to emit greenhouse gases (GHGs) from the entire source shall be limited to less than one hundred thousand (100,000) tons of CO₂ equivalent emissions (CO₂e) per twelve (12) consecutive month period.
- (b) Pursuant to 326 IAC 2-2 (PSD), potential to emit particulate matter (PM) from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.
- (c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.
- (d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

C.2 Opacity [326 IAC 5-1]

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

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

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

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

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

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

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

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

C.6 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted by using ambient air quality modeling pursuant to 326 IAC 1-7-4.

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

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

All required notifications shall be submitted to:

Indiana Department of Environmental Management

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

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

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

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

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

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

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

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

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

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

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

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

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

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

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

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

C.12 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]

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

C.13 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

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

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

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]

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

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

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

C.15 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. Support information includes the following:

- (AA) All calibration and maintenance records.
 - (BB) All original strip chart recordings for continuous monitoring instrumentation.
 - (CC) Copies of all reports required by the FESOP.
- Records of required monitoring information include the following:
- (AA) The date, place, as defined in this permit, and time of sampling or measurements.
 - (BB) The dates analyses were performed.
 - (CC) The company or entity that performed the analyses.
 - (DD) The analytical techniques or methods used.
 - (EE) The results of such analyses.
 - (FF) The operating conditions as existing at the time of sampling or measurement.

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 2-8-4(3)(C)] [326 IAC 2-1.1-11]

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

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise

specified in this permit. For the purpose of this permit, "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

Stratospheric Ozone Protection

C.17 Compliance with 40 CFR 82 and 326 IAC 22-1

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

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: Mixers and Extruders

Plant 1 (2131 Commercial Ct)

- (a) Six (6) open face mixers using a variety of material for sealants or adhesives consisting of the following:
 - (1) Mixer, identified as M-1, constructed in prior to 1991, with a maximum capacity of 75 lbs of material per hour, using no controls and exhausting inside.
 - (2) Mixer, identified as M-2, constructed in prior to 1991, with a maximum capacity of 750 lbs of material per hour, using no controls and exhausting inside.
 - (3) Mixer, identified as M-3, constructed in prior to 1991, with a maximum capacity of 937.5 lbs of material per hour, using no controls and exhausting inside.
 - (4) Mixer, identified as M-4, constructed in prior to 1991, with a maximum capacity of 500 lbs of material per hour, using no controls and exhausting inside.
 - (5) Mixer, identified as M-5, constructed in prior to 1991, with a maximum capacity of 1,100 lbs of material per hour, using no controls and exhausting inside.
 - (6) Mixer, identified as M-6, constructed in prior to 1991, with a maximum capacity of 750 lbs of material per hour, using no controls and exhausting inside.
- (b) One (1) Plastic extruder and pelletized operation, with a maximum capacity of 950 lbs per hour consisting of:
 - (1) One (1) Bonnet Extruder, identified as BE-1, constructed in prior to 1991, with a maximum capacity of 1,200 pounds of EVA (Ethylene-vinyl acetate) per hour, using no controls and exhausting inside.
 - (2) One (1) Blender, identified as B-1, constructed in prior to 1991, with a maximum capacity of 1,200 pounds of EVA (Ethylene-vinyl acetate) per hour, using no controls and exhausting inside.
 - (3) One (1) Pelletizer, identified as P-1, constructed in prior to 1991, with a maximum capacity of 950 pounds of EVA (Ethylene-vinyl acetate) per hour, using no controls and exhausting inside.

Plant 2 (4320 Hitch and Peters Rd)

- (c) Thirteen (13) extruders, using no control equipment, exhausting indoors and consisting of:
 - (1) Extruder, identified as E-1, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
 - (2) Extruder, identified as E-2, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
 - (3) Extruder, identified as E-3, constructed in 1991, with a maximum capacity of 2,000 lbs of butyl mastics or caulking cord per hour.

- (4) Extruder, identified as E-4, constructed in 1991, with a maximum capacity of 2,000 lbs of butyl mastics or caulking cord per hour.
 - (5) Extruder, identified as E-5, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics per hour.
 - (6) Extruder, identified as E-6, constructed in 1991, with a maximum capacity of 200 lbs of butyl mastics per hour.
 - (7) Extruder, identified as E-7, constructed in 1991, with a maximum capacity of 200 lbs of pellets per hour.
 - (8) Extruder, identified as E-8, constructed in 1991, with a maximum capacity of 1,000 lbs of butyl mastics or caulking cord per hour.
 - (9) Extruder, identified as E-9, constructed in 1991, with a maximum capacity of 1,000 lbs of butyl mastics or caulking cord per hour.
 - (10) Extruder, identified as E-10, constructed in 1991, with a maximum capacity of 2,000 lbs of butyl mastics or caulking cord per hour.
 - (11) Extruder, identified as E-11, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
 - (12) Extruder, identified as E-12, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
 - (13) Extruder, identified as E-13, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
- (d) One (1) plastic molding machine, identified as PMM, constructed in 1991, with a maximum capacity of 5 lbs of plastic per hour, using no controls and exhausting inside 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 2-8-4(1)]

D.1.1 FESOP [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4 (FESOP), the Permittee shall limit the combined throughput of materials for Mixers M-1 through M-6 to less than 9,000 tons of material per twelve (12) consecutive month periods, with compliance determined at the end of each month.

Compliance with these limits, combined with the potential to emit PM10 and PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM10 and PM2.5 to less than 100 tons per 12 consecutive month period, each and shall render 326 IAC 2-7 (Part 70 Permits) not applicable.

D.1.2 Particulate Matter Limitations Except Lake County [326 IAC 6.5]

Pursuant to 326 IAC 6.5-1-2(a) (Particulate Matter Limitations Except Lake County), particulate matter (PM) emissions from the mixing units (M-1 through M-6); Bonnet Extruder, identified as BE-1; Blender, identified as B-1; Pelletizer, identified as P-1; thirteen (13) extruders (Plant 2), identified as E-1 thru E-13 and the plastic molding machine, identified as PMM, shall be limited to 0.03 grains per dry standard cubic foot (grains/dscf) for each.

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

D.1.3 Record Keeping Requirements

To document the compliance status with Condition D.1.1, the Permittee shall maintain records of the raw materials and ingredients (excluding liquids) for Mixers M-1 through M-6 on a monthly basis.

D.1.4 Reporting Requirements

A quarterly summary of the information to document the compliance status with Condition D.1.1 shall be submitted, using the reporting forms located at the end of this permit, or their equivalent, not later than thirty (30) days following the end of each calendar quarter. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35). Section C - General Reporting Requirements contains the Permittee's obligations with regard to the reporting required by this condition.

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: Cold Cleaners (Insignificant Items)

- (a) One (1) cold cleaner (Plant 1), identified as PC-1, constructed after July 1, 1990 that does not exceed one hundred forty-five (145) gallons per twelve (12) months.
- (b) One (1) cold cleaner (Plant 2), identified as PC-1, constructed after July 1, 1990 that does not exceed one hundred forty-five (145) gallons per twelve (12) months.

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

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

D.2.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operation), for the cold cleaners, identified as PC-1 (Plant 1 and Plant 2):

- (a) The Permittee shall ensure the following control equipment and operating requirements are met:
 - (1) Equip the degreaser with a cover;
 - (2) Equip the degreaser with a device for draining cleaned parts;
 - (3) Close the degreaser cover whenever parts are not being handled in the degreaser;
 - (4) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
 - (5) Provide a permanent, conspicuous label that lists the operating requirements in subdivisions (a)(3), (a)(4), (a)(6), and (a)(7);
 - (6) Store waste solvent only in closed containers.
 - (7) Prohibit the disposal or transfer of waste solvent, in such a manner that could allow greater than twenty percent (20%) of the waste solvent (by weight) to evaporate into the atmosphere.
- (b) The owner or operator of a cold cleaner degreaser subject to this subsection shall ensure the following additional control equipment and operating requirements are met:
 - (1) Equip the degreaser with one (1) of the following control devices if the solvent is heated to a temperature of greater than forty-eight and nine-tenths (48.9) degrees Celsius (one hundred twenty (120) degrees Fahrenheit):
 - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent used is insoluble in, and heavier than, water.
 - (C) A refrigerated chiller.
 - (D) Carbon adsorption.
 - (E) An alternative system of demonstrated equivalent or better control as those outlined in clauses (A) through (D) that is approved by the department. An alternative system shall be submitted to the U.S. EPA as a SIP revision.
 - (2) Ensure the degreaser cover is designed so that it can be easily operated with one (1) hand if the solvent is agitated or heated.

- (3) If used, solvent spray:
 - (A) must be a solid, fluid stream; and
 - (B) shall be applied at a pressure that does not cause excessive splashing.

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

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

Source Name: Multiseal, Inc.
Source Address: 2131 Commercial Ct., Evansville, Indiana 47720
FESOP Permit No.: F163-32702-00194

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

Please check what document is being certified:

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

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

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: (317) 233-0178
Fax: (317) 233-6865**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT**

Source Name: Multiseal, Inc.
Source Address: 2131 Commercial Ct., Evansville, Indiana 47720
FESOP Permit No.: F163-32702-00194

This form consists of 2 pages

Page 1 of 2

- | |
|--|
| <p><input type="checkbox"/> This is an emergency as defined in 326 IAC 2-7-1(12)</p> <ul style="list-style-type: none">• The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and• The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16 |
|--|

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

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

FESOP Quarterly Report

Source Name: Multiseal, Inc.
Source Address: 2131 Commercial Ct., Evansville, Indiana 47720
4320 Hitch and Peters Rd., Evansville, Indiana 47721
FESOP No.: F163-32702-00194
Facilities: Mixers M-1 through M-6
Parameter: Material throughput
Limit: The amount of raw material and ingredients (excluding liquid) shall be limited to less than 9,000 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

YEAR: _____

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

- No deviation occurred in this quarter.
- Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

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

Source Name: Multiseal, Inc.
 Source Address: 2131 Commercial Ct., Evansville, Indiana 47720
 FESOP Permit No.: F163-32702-00194

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

This report shall be submitted quarterly based on a calendar year. Proper notice submittal under Section B –Emergency Provisions satisfies the reporting requirements of paragraph (a) of Section C- General Reporting. Any deviation from the requirements of this permit, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".	
<input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

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

Multiseal, Inc.
4320 Hitch and Peters Rd.
Evansville, Indiana 47721

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 Multiseal, Inc. 2131 Commercial Ct., Evansville, Indiana 47720, and 4320 Hitch and Peters Rd., Evansville, Indiana 47721 completed construction of the adhesives and sealants manufacturer on in conformity with the requirements and intent of the construction permit application received by the Office of Air Quality on December 31, 2012 and as permitted pursuant to New Source Construction Permit and Federally Enforceable State Operating Permit No. F163-32702-00194, Plant ID No. 163-00194 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
New Source Review and Federally Enforceable State Operating Permit
(FESOP)

Source Description and Location

Source Name:	Multiseal Inc.
Source Location:	2131 Commercial Ct., Evansville, IN 47720 4320 Hitch and Peters Rd., Evansville, IN 47721
County:	Vanderburgh (Center Township)
SIC Code:	2891, 3089
Operation Permit No.:	F163-32702-00194
Permit Reviewer:	Bruce Farrar

On December 31, 2012, the Office of Air Quality (OAQ) received an application from Multiseal Inc. related to the construction and operation of a new adhesives and sealant manufacturing plant.

Source Definition

This company consists of the following plants:

- (a) Plant 1 is located at 2131 Commercial Ct, Evansville, Indiana, Plant ID: 163-00194; and
- (b) Plant 2 is located at 4320 Hitch and Peters Rd, Evansville, Indiana, Plant ID: 163-00196.

The Commercial Court Plant (source ID 163-00194), located at 2131 Commercial Court, produces mixed mastic materials. It sends these materials to the Hitch and Peters Plant. The Hitch and Peters Plant (source ID 163-00196) is located at 4320 Hitch and Peters Road. The Hitch and Peters plant makes extruded products. The plants are 3.7 miles apart. IDEM, OAQ has examined whether these plants are part of the same major source. The term "major source" is defined at 326 IAC 2-7-1(22). In order for two plants to be considered one major source, they must meet all three of the following criteria:

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

The plants are both owned by Multiseal, Inc. Therefore, the two sources are under common ownership, meeting the first part of the major source definition.

The SIC Code Manual of 1987 sets out how to determine the proper SIC Code for each type of business. More information about SIC Codes is available at http://www.osha.gov/pls/imis/sic_manual.html on the Internet. The SIC Code is determined by looking at the principal product or activity of each plant. Both plants have the same two-digit SIC Code 28, for the Major Group Chemicals and Allied Products.

A plant is a support facility to another plant if it dedicates 50% or more of its output to the other plant. The Commercial Court Plant dedicates all of its output to the Hitch and Peters Plant. The Commercial Court Plant is a support facility to Hitch and Peters Plant. The plants have the same two-digit SIC Code and have a support relationship, meeting the second part of the major source definition.

The last part of the definition is whether the plants are on the same, contiguous or adjacent properties. The plants are not located on the same or contiguous properties. Therefore IDEM must determine if the plants are located on adjacent properties.

The term "adjacent" is not defined in Indiana's rules. IDEM's Nonrule Policy Document Air-005 adds the following guidance:

- properties that actually abut at any point would satisfy the requirement of contiguous or adjacent property.
- properties that are separated by a public road or public property would satisfy this requirement, absent special circumstances.
- other scenarios would be examined on an individual basis with the focus on the distance between the activities and the relationship between the activities.

The U.S. EPA has a similar view on how to interpret the term "adjacent" when defining a source. Two U.S. EPA letters; the May 21, 1988 letter from U.S. EPA Region 8 to the Utah Division of Air Quality, and the U.S. EPA Region 5 letter dated October 18, 2010 to Scott Huber at Summit Petroleum Corporation, discuss the term "adjacent" as it is used in making major source determinations. These letters are not binding on IDEM but they are persuasive for two reasons. The letters follow the guidance in NPD Air-005 that IDEM will examine both the distance between the sources and their relationship and, secondly, they illustrate a longstanding U.S. EPA analysis used to determine if two sources are "adjacent" going back to the preamble to the 1980 NSR program definition of "major source". U.S. EPA's consistent approach is that any evaluation of what is "adjacent" must relate to the guiding principal of a common sense notion of "source".

All IDEM evaluations of adjacency are done on a case-by-case basis looking at the specific factors for the plants involved. In addition to determining the distance between the plant properties, IDEM asks:

- (1) Are materials routinely transferred between the plants?
- (2) Do managers or other workers frequently shuttle back and forth to be involved actively in the plants?
- (3) Is the production process itself split in any way between the plants?

These questions focus on whether the separate sources are so interrelated that they are functioning as one plant, and whether the distance between them is small enough that it enables them to operate as one plant. U.S. EPA Assistant Administrator Gina McCarty issued a memorandum on September 22, 2009 that confirmed U.S. EPA's view that each source determination must be done on a case-by-case basis and stated that after that analysis is completed it may be that physical proximity serves as an overwhelming factor in determining if the plants are adjacent.

The two plants are located on properties that are 3.7 miles apart. Materials are routinely transferred between the plants. The Commercial Court Plant produces mastic material and sends all of its production to the Hitch and Peters Plant. The plants do not share any production workers. The corporation's principal officer and the corporation's materials manager travel between the two plants several times each week. The production process is split between the plants. The Hitch and Peters Plant gets almost all of its materials from the Commercial Court Plant. Considering all of these factors, IDEM, OAQ finds that the plants are located on adjacent properties, meeting the third part of the major source definition.

The plants meet all three elements of the major source definition. Therefore, IDEM, OAQ finds that the Multiseal plants at 2131 Commercial Court and 4320 Hitch and Peters Road are part of the same major source.

Existing Approvals

There have been no previous approvals issued to this source.

County Attainment Status

The source is located in Vanderburgh County (Center Township).

Pollutant	Designation
SO ₂	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Attainment effective January 30, 2006, for the Evansville area, including Vanderburgh County, 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	Not designated.

¹Attainment effective October 18, 2000, for the 1-hour ozone standard for the Evansville area, including Vanderburgh County, and is a maintenance area for the 1-hour ozone National Ambient Air Quality Standards (NAAQS) for purposes of 40 CFR 51, Subpart X*. The 1-hour designation was revoked effective June 15, 2005.
Unclassifiable or attainment effective October 27, 2011, for PM_{2.5}.

- (a) **Ozone Standards**
Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Vanderburgh County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (b) **PM_{2.5}**
Vanderburgh 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} and SO₂ emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability – Entire Source section.
- (c) **Other Criteria Pollutants**
Vanderburgh County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

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.

Unpermitted Emission Units and Pollution Control Equipment

The source consists of the following unpermitted emission units:

Plant 1 (2131 Commercial Ct)

- (a) Six (6) open face mixers using a variety of material for sealants or adhesives consisting of the following:
- (1) Mixer, identified as M-1, constructed in prior to 1991, with a maximum capacity of 75 lbs of material per hour, using no controls and exhausting inside.
 - (2) Mixer, identified as M-2, constructed in prior to 1991, with a maximum capacity of 750 lbs of material per hour, using no controls and exhausting inside.
 - (3) Mixer, identified as M-3, constructed in prior to 1991, with a maximum capacity of 937.5 lbs of material per hour, using no controls and exhausting inside.
 - (4) Mixer, identified as M-4, constructed in prior to 1991, with a maximum capacity of 500 lbs of material per hour, using no controls and exhausting inside.
 - (5) Mixer, identified as M-5, constructed in prior to 1991, with a maximum capacity of 1,100 lbs of material per hour, using no controls and exhausting inside.
 - (6) Mixer, identified as M-6, constructed in prior to 1991, with a maximum capacity of 750 lbs of material per hour, using no controls and exhausting inside.
- (b) One (1) Plastic extruder and pelletized operation, with a maximum capacity of 950 lbs per hour consisting of:
- (1) One (1) Bonnet Extruder, identified as BE-1, constructed in prior to 1991, with a maximum capacity of 1,200 pounds of EVA (Ethylene-vinyl acetate) per hour, using no controls and exhausting inside.
 - (2) One (1) Blender, identified as B-1, constructed in prior to 1991, with a maximum capacity of 1,200 pounds of EVA (Ethylene-vinyl acetate) per hour, using no controls and exhausting inside.
 - (3) One (1) Pelletizer, identified as P-1, constructed in prior to 1991, with a maximum capacity of 950 pounds of EVA (Ethylene-vinyl acetate) per hour, using no controls and exhausting inside.
- (c) One (1) cold cleaner, identified as PC-1, constructed after July 1, 1990 that does not exceed one hundred forty-five (145) gallons per twelve (12) months.
- (d) Storage Tanks:
- (1) Storage Tank 1 with a storage capacity of 8,000 gallons (30 tons) and containing Sunpar 2280.
 - (2) Storage Tank 2 with a storage capacity of 8,000 gallons (30 tons) and containing M-250.
 - (3) Storage Tank 3 with a storage capacity of 8,000 gallons (30 tons) and containing TPC-1160.
- (e) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour, including the following:
- Five (5) natural gas-fired space heaters, identified as H-1 through H-5, constructed in 1991, with a maximum heat input capacity of 0.25 MMBtu/hr, each, using no controls and exhausting inside.

Plant 2 (4320 Hitch and Peters Rd)

- (f) Thirteen (13) extruders, using no control equipment, exhausting indoors and consisting of:
- (1) Extruder, identified as E-1, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
 - (2) Extruder, identified as E-2, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
 - (3) Extruder, identified as E-3, constructed in 1991, with a maximum capacity of 2,000 lbs of butyl mastics or caulking cord per hour.
 - (4) Extruder, identified as E-4, constructed in 1991, with a maximum capacity of 2,000 lbs of butyl mastics or caulking cord per hour.
 - (5) Extruder, identified as E-5, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics per hour.
 - (6) Extruder, identified as E-6, constructed in 1991, with a maximum capacity of 200 lbs of butyl mastics per hour.
 - (7) Extruder, identified as E-7, constructed in 1991, with a maximum capacity of 200 lbs of pellets per hour.
 - (8) Extruder, identified as E-8, constructed in 1991, with a maximum capacity of 1,000 lbs of butyl mastics or caulking cord per hour.
 - (9) Extruder, identified as E-9, constructed in 1991, with a maximum capacity of 1,000 lbs of butyl mastics or caulking cord per hour.
 - (10) Extruder, identified as E-10, constructed in 1991, with a maximum capacity of 2,000 lbs of butyl mastics or caulking cord per hour.
 - (11) Extruder, identified as E-11, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
 - (12) Extruder, identified as E-12, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
 - (13) Extruder, identified as E-13, constructed in 1991, with a maximum capacity of 1,200 lbs of butyl mastics or caulking cord per hour.
- (g) One (1) plastic molding machine, identified as PMM, constructed in 1991, with a maximum capacity of 5 lbs of plastic per hour, using no controls and exhausting inside the building.
- (h) One (1) cold cleaner, identified as PC-1, constructed after July 1, 1990 that does not exceed one hundred forty-five (145) gallons per twelve (12) months.
- (i) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour, including the following:
- (1) One (1) natural gas-fired space heater, identified as H-1, constructed in 1991, with a maximum heat input capacity of 1.65 MMBtu/hr, each, using no controls and exhausting inside.

- (2) One (1) natural gas-fired space heater, identified as H-2, constructed in 1991, with a maximum heat input capacity of 2.75 MMBtu/hr, each, using no controls and exhausting inside.

Enforcement Issues

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

Emission Calculations

See Appendix A of this TSD for detailed emission calculations.

Permit Level Determination – FESOP

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	180.17
PM10 ⁽¹⁾	180.31
PM2.5	180.31
SO ₂	0.01
NO _x	2.43
VOC	0.36
CO	2.04
GHGs as CO ₂ e	2,929

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

HAPs	Potential To Emit (tons/year)
Hexane	0.04
Formaldehyde	<0.01
Vinyl Acetate	0.08
TOTAL HAPs	0.13

- (a) The potential to emit (PTE) (as defined in 326 IAC 2-7-1(29)) of PM10 and PM2.5 are each greater than one hundred (100) tons per year. The PTE of all other regulated criteria pollutants are each less than one hundred (100) tons per year. The source would have been subject to the provisions of 326 IAC 2-7. However, the source will be issued a New Source Construction Permit (326 IAC 2-5.1-3) and a Federally Enforceable State Operating Permit (FESOP) (326 IAC 2-8), because the source will limit emissions to less than the Title V major source threshold levels.
- (b) The potential to emit (PTE) (as defined in 326 IAC 2-7-1(29)) 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).

- (c) The potential to emit (PTE) (as defined in 326 IAC 2-7-1(29)) 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.

PTE of the Entire Source After Issuance of the FESOP

The table below summarizes the potential to emit of the entire source after issuance of this FESOP, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this FESOP, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

Process/ Emission Unit	Potential To Emit of the Entire Source After Issuance of FESOP (tons/year)									
	PM	PM10*	PM2.5	SO ₂	NOx	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
Mixing Units (M-1 thru M-6)	90.00	90.00	90.00	-	-	0.08	-	-	0.08	0.08 Vinyl Acetate
Extruders (BE-1, PE-1)	-	-	-	-	-	-	-	-	-	-
Parts Cleaner (Plant 1)(PC-1)	-	-	-	-	-	0.07	-	-	-	-
Storage Tanks (Tank 1 thru Tank 3)	-	-	-	-	-	-	-	-	-	-
Extruders (E-1 thru E-13)	-	-	-	-	-	-	-	-	-	-
PMM	9.96E-04	9.96E-04	9.96E-04	-	-	-	-	-	-	-
Parts Cleaner (Plant 2) (PC-1)	-	-	-	-	-	0.07	-	-	-	-
Natural Gas Combustion (Plant 1)	0.01	0.04	0.04	0.003	0.54	0.03	0.45	648	0.01	0.01 (Hexane)
Natural Gas Combustion (Plant 2)	0.04	0.14	0.14	0.011	1.89	0.10	1.59	2,281	0.04	0.03 (Hexane)
Total PTE of Entire Source	90.05	90.19	90.19	0.01	2.43	0.36	2.04	2,929	0.13	0.08 (Vinyl Acetate)
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
negl. = negligible *Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant". **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.										

- (a) **FESOP Status**
 This new source is not a Title V major stationary source, because the potential to emit criteria pollutants from the entire source will be limited to less than the Title V major source threshold levels. In addition, this new source is not a major source of HAPs, as defined in 40 CFR 63.41,

because the potential to emit HAPs is less than ten (10) tons per year for a single HAP and twenty-five (25) tons per year of total HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act and is subject to the provisions of 326 IAC 2-8 (FESOP).

In order to comply with the requirements of 326 IAC 2-8-4 (FESOP), the source shall limit the combined raw material and ingredients (excluding liquid) for the mixers M-1 through M-6 to less than 9,000 tons of material per twelve (12) consecutive month period.

Compliance with the above limits, combined with the potential to emit PM10 and PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM10 and PM2.5 to less than 100 tons per 12 consecutive month period, each and shall render 326 IAC 2-7 (Part 70 Permits) not applicable.

(b) PSD Minor Source

This new source is not a major stationary source, under PSD (326 IAC 2-2), because the potential to emit all regulated pollutants is less than 250 tons per year, the potential to emit greenhouse gases (GHGs) is less than the PSD subject to regulation threshold of one hundred thousand (100,000) tons of CO₂ equivalent emissions (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.

Federal Rule Applicability Determination

New Source Performance Standards (NSPS) (40 CFR 60 and 326 IAC 12)

- (a) The requirements of the New Source Performance Standard for Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984, 40 CFR 60.110b, Subpart Kb, are still not included in the permit since the fuel storage tanks each have a storage capacity of less than seventy-five (75) cubic meters (19,800 gallons).
- (b) The requirements of the New Source Performance Standard for Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines, 40 CFR 60, Subpart TTT (326 IAC 12), are not included in the permit, since this source does not coat plastic parts for use in the manufacture of business machines.
- (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) (40 CFR 61/63 and 326 IAC 14/20)

- (d) The requirements of the National Emission Standards for Halogenated Solvent Cleaning, 40 CFR 63.460, Subpart T (326 IAC 20-6), are not included in the permit, since this source does not use any solvent containing methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-trichloroethane, carbon tetrachloride or chloroform.
- (e) The requirements of the National Emission Standards for Hazardous Air Pollutant Emissions NESHAP: Group IV Polymers and Resins, 40 CFR 63.1310, Subpart JJJ (326 IAC 20), are not included in the permit, since this source does not use a thermoplastic product process units (TPPU) and does not produce the polymers but produces mastic and EVA adhesives and sealant.
- (f) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Plastic Parts and Products, 40 CFR 63.4480, Subpart PPPP (326 IAC 20), are not included in the permit, since this source does not surface coat plastic parts.

- (g) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs): Reinforced Plastic Composites Production, 40 CFR 63.5780, Subpart WWWW (326 IAC 20), are not included in the permit, since this source does not produce reinforced plastic composites.
- (h) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs): Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources, 40 CFR 63.11169, Subpart HHHHHH (6H) (326 IAC 20), are not included in the permit, since this source does use surface coating in any production.
- (i) 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)

- (j) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is not included in the permit, because the 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

The following state rules are applicable to the source:

- (a) 326 IAC 2-8-4 (FESOP)
FESOP applicability is discussed under the PTE of the Entire Source After Issuance of the FESOP section above.
- (b) 326 IAC 2-2 (Prevention of Significant Deterioration(PSD))
PSD applicability is discussed under the PTE of the Entire Source After Issuance of the FESOP section above.
- (c) 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
This source is not subject to the requirements of 326 IAC 2-4.1, since the unlimited potential to emit of HAPs from the new units is less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs.
- (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 thirty percent (30%) 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 source is not subject to the requirements of 326 IAC 6-5, because the potential fugitive particulate emissions are less than 25 tons per year.

Mixing Units (M-1 thru M-6)

- (h) 326 IAC 6.5 (Particulate Matter Limitations Except Lake County)
Pursuant to 326 IAC 6.5-1-1(a) and 326 IAC 6.5-1-2(a), this source is subject to the requirements of 326 IAC 6.5-1-2 (Particulate Matter Limitations Except Lake County), because this source is located in Vanderburgh County, is not specifically listed in 326 IAC 6.5-2 through 326 IAC 6.5-10, and has potential particulate matter emissions greater than 10 tons per year.

Pursuant to 326 IAC 6.5-1-2(a) (Particulate Matter Limitations Except Lake County), particulate matter (PM) emissions from the mixing units (M-1 through M-6) shall be limited to 0.03 grains per dry standard cubic foot (grains/dscf) for each mixer.
- (i) There are no other 326 IAC 8 Rules that are applicable to the mixing units, because the PTE of each emission unit is less than 25 tons per year.

Extruder (Plant 1: BE-1 and PE-1; Plant 2: E-1 thru E-13 and PMM)

- (j) 326 IAC 6.5 (Particulate Matter Limitations Except Lake County)
Pursuant to 326 IAC 6.5-1-1(a) and 326 IAC 6.5-1-2(a), this source is subject to the requirements of 326 IAC 6.5-1-2 (Particulate Matter Limitations Except Lake County), because this source is located in Vanderburgh County, is not specifically listed in 326 IAC 6.5-2 through 326 IAC 6.5-10, and has potential particulate matter emissions greater than 10 tons per year.

Pursuant to 326 IAC 6.5-1-2(a) (Particulate Matter Limitations Except Lake County), particulate matter (PM) emissions from the extruders (BE-1 and PE-1 and E-1 thru E-13) shall be limited to 0.03 grains per dry standard cubic foot (grains/dscf) for each mixer.
- (k) There are no other 326 IAC 8 Rules that are applicable to the Extruders (BE-1 and PE-1).

Parts Washers Plant 1 and Plant 2

- (l) 326 IAC 8-3-2 (Cold Cleaner Operation)
Pursuant to 326 IAC 8-3-1(c)(2), the parts washer is subject to 326 IAC 8-3-2, because the parts washer, performs organic solvent degreasing operations and began operations after July 1, 1990.

Compliance Determination, Monitoring and Testing Requirements
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- (a) There are no compliance determination and monitoring requirements include in this permit.
- (b) There are no testing requirements included to this permit.

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 December 31, 2012.

The operation of this source shall be subject to the conditions of the attached proposed New Source Review and FESOP No. F163-32702-00194. The staff recommends to the Commissioner that this New Source Review and FESOP be approved.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Bruce Farrar 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) (317) 234-5401 or toll free at 1-800-451-6027 extension 4-5401.
- (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
Summary**

Company Name: Multiseal Inc.
Address City IN Zip: 2131 Commercial Ct, Evansville, IN 47720
 4320 Hitch and Peters Rd., Evansville, IN 47721
Permit Number: F163-32702-00194
Reviewer: Bruce Farrar
Date: December 31, 2012

Emission Unit	Uncontrolled Emissions tons/year									
	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	GHG as CO ₂ e	Combined HAPs	Single HAP
Mixing Units (M-1 thru M-6)	180.13	180.13	180.13	-	-	0.08	-	-	0.08	0.08 Vinyl Acetate
Extruders Plant 1 (BE-1, PE-1)	-	-	-	-	-	-	-	-	-	-
Extruders Plant 2 (E-1 thru E-13)	-	-	-	-	-	-	-	-	-	-
Plastic Mold Machine	9.96E-04	9.96E-04	9.96E-04	-	-	-	-	-	-	-
Parts Cleaner Plant 1 (PC-1)	-	-	-	-	-	0.07	-	-	-	-
Parts Cleaner Plant 2 (PC-1)	-	-	-	-	-	0.07	-	-	-	-
Pelletizer P-1	-	-	-	-	-	-	-	-	-	-
Natural Gas Combustion, Plant 1	0.01	0.04	0.04	3.22E-03	0.54	0.03	0.45	648	0.01	0.01 Hexane
Natural Gas Combustion, Plant 2	0.04	0.14	0.14	1.13E-02	1.89	0.10	1.59	2,281	0.04	0.03 Hexane
Total:	180.17	180.31	180.31	0.01	2.43	0.36	2.04	2,929	0.13	0.08 Vinyl Acetate

Emission Unit	Limited Emissions tons/year									
	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	GHG as CO ₂ e	Combined HAPs	Single HAP
Mixing Units (M-1 thru M-6)*	90.00	90.00	90.00	-	-	0.08	-	-	0.08	0.08 Vinyl Acetate
Extruders Plant 1 (BE-1, PE-1)	-	-	-	-	-	-	-	-	-	-
Extruders Plant 2 (E-1 thru E-13)	-	-	-	-	-	-	-	-	-	-
Plastic Mold Machine	9.96E-04	9.96E-04	9.96E-04	-	-	-	-	-	-	-
Parts Cleaner Plant 1 (PC-1)	-	-	-	-	-	0.07	-	-	-	-
Parts Cleaner Plant 2 (PC-1)	-	-	-	-	-	0.07	-	-	-	-
Pelletizer P-1	-	-	-	-	-	-	-	-	-	-
Natural Gas Combustion, Plant 1	0.01	0.04	0.04	3.22E-03	0.54	0.03	0.45	648	0.01	0.01 Hexane
Natural Gas Combustion, Plant 2	0.04	0.14	0.14	0.01	1.89	0.10	1.59	2,281	0.04	0.03 Hexane
Total:	90.05	90.19	90.19	0.01	2.43	0.36	2.04	2,929	0.13	0.08 Vinyl Acetate

* Mixing Units M-1 through M-6 have a throughput limit of 9,000 tons of material per year.

**Appendix A: Emissions Calculations
PM/PM10 Emissions
Mixing Operations**

**Company Name: Multiseal Inc.
Address City IN Zip: 2131 Commercial Ct, Evansville, IN 47720
Permit Number: F163-32702-00194
Reviewer: Bruce Farrar
Date: December 31, 2012**

Emission Unit ID	Mixing Material	Capacity (lbs/hr)	Maximum Material Usage (lbs/hr)	PM/PM10/PM2.5 Emission Factor (lbs/ton)	Uncontrolled PM/PM10/PM2.5 Emissions (lbs/hr)	Uncontrolled PM/PM10/PM2.5 Emissions (tons/yr)
M-1	Raw materials/ ingredients for sealant adhesives	75	75	20.00	0.75	3.29
M-2	Raw materials/ ingredients for sealant adhesives	750	750	20.00	7.50	32.85
M-3	Raw materials/ ingredients for sealant adhesives	937.5	937.5	20.00	9.38	41.06
M-4	Raw materials/ ingredients for sealant adhesives	500	500	20.00	5.00	21.90
M-5	Raw materials/ ingredients for sealant adhesives	1100	1100	20.00	11.00	48.18
M-6	Raw materials/ ingredients for sealant adhesives	750	750	20.00	7.50	32.85
Total Emissions					41.13	180.13

Methodology

Emission Factors from AP-42, Chapter 6.4, Table 6.4-1

Assumes PM10 = PM2.5

Uncontrolled PM/PM10/PM2.5 Emissions (lbs/hr) = Maximum Solid Usage (lbs/hr) * PM/PM10/PM2.5 Emission Factor (lbs/ton) * 1/2000 (ton/lbs)

Uncontrolled PM/PM10/PM2.5 Emissions (tons/yr) = Maximum Solid Usage (lbs/hr) * PM/PM10/PM2.5 Emission Factor (lbs/ton) * 1/2000 (ton/lbs) * 8760 (hrs/yr) * 1/2000 (ton/lbs)

**Appendix A: Emissions Calculations
VOC and HAP
Mixers**

**Company Name: Multiseal Inc.
Address City IN Zip: 2131 Commercial Ct, Evansville, IN 47720
Permit Number: F163-32702-00194
Reviewer: Bruce Farrar
Date: December 31, 2012**

Material	Maximum Usage Rate (lbs/hr)	VOC Content (%)	Formaldehyde Content (%)	Vinyl Acetate content (%)	VOC Emissions (lbs/hr)	Formaldehyde Emissions (lbs/hr)	Vinyl Acetate Emissions (lbs/hr)	VOC Emissions (tons/yr)	Formaldehyde Emissions (tons/yr)	Vinyl Acetate Emissions (tons/yr)
P-90 Resin	0.061	0%	0.005%	-	-	3.05E-06	-	-	1.34E-05	-
Elvax 4310	1.3	0.30%	-	0.30%	3.90E-03	-	3.90E-03	0.02	-	0.02
Elvax 4320	2.4	0.30%	-	0.30%	7.20E-03	-	7.20E-03	0.03	-	0.03
UL7740	7.5	0.10%	-	0.10%	7.50E-03	-	7.50E-03	0.03	-	0.03
Totals:						3.05E-06	1.86E-02	8.15E-02	1.34E-05	7.96E-02

Methodology:

Potential VOC and HAP emissions (lbs/hr) = Usage rate (lbs/hr) x VOC/HAP Content (%)

Potential VOC and HAP emissions (tons/yr) = Usage rate (gals/yr) x VOC/HAP Content (%) x 1 ton/2000 lbs

**Appendix A: Emissions Calculations
PM/PM10 Emissions
Extruders**

Company Name: Multiseal Inc.
Address City IN Zip: 2131 Commercial Ct, Evansville, IN 47720
Permit Number: F163-32702-00194
Reviewer: Bruce Farrar
Date: December 31, 2012

Emission Unit ID	Capacity (lbs/hr)	PM/PM10/PM2.5 Emission Factor (lbs/ton)	Uncontrolled PM/PM10/PM2.5 Emissions (lbs/hr)	Uncontrolled PM/PM10/PM2.5 Emissions (tons/yr)
BE-1	1,200	0.00	0.00	0.00
PE-1	2,700	0.00	0.00	0.00

* The Uncontrolled Emission Factor Listing for Criteria Air Pollutants (Emission Inventory Improvement Program, Vol. II: Chapter 14, July 2001) shows no particulate emission factors for extruders. This includes the following SCC: 3-01-018-09 (extruder, Plastics Production – 2821), 3-01-018-14 (Plastics Production – 2821), 3-02-007-58 (Grain Millings – 2041, Dry Corn Milling: Extruder), 3-08-001-13 (Tire Manufacture – 3011, Tread Extruder), 3-08-010-02 (Plastic Products Manufacturing – multiple, Extruder). Therefore, it is most likely there are negligible emissions or no particulate emissions from the Bonnet Extruder (BE-1) or the Plastic Extruder (PE-1).

Methodology

Assumes PM10 = PM2.5

Uncontrolled PM/PM10/PM2.5 Emissions (lbs/hr) = Maximum Solid Usage (lbs/hr) * PM/PM10/PM2.5 Emission Factor (lbs/ton) * 1/2000 (ton/lbs)

Uncontrolled PM/PM10/PM2.5 Emissions (tons/yr) = Maximum Solid Usage (lbs/hr) * PM/PM10/PM2.5 Emission Factor (lbs/ton) * 1/2000 (ton/lbs) * 8760 (hrs/yr) * 1/2000 (ton/lbs)

**Appendix A: Emissions Calculations
PM/PM10 Emissions
Extruders**

Company Name: Multiseal Inc.
Address City IN Zip: 4320 Hitch and Peters Rd., Evansville, IN 47721
Exemption Number: F163-32702-00194
Reviewer: Bruce Farrar
Date: December 31, 2012

Emission Unit ID	Capacity (lbs/hr)	PM/PM10/PM2.5 Emission Factor (lbs/ton)	Uncontrolled PM/PM10/PM2.5 Emissions (lbs/hr)	Uncontrolled PM/PM10/PM2.5 Emissions (tons/yr)
Butyl Matric and Caulking Cord				
E-1	1,200	0.00	0.00	0.00
E-2	1,200	0.00	0.00	0.00
E-3	2,000	0.00	0.00	0.00
E-4	2,000	0.00	0.00	0.00
E-8	1,000	0.00	0.00	0.00
E-9	1,000	0.00	0.00	0.00
E-10	2,000	0.00	0.00	0.00
E-11	1,200	0.00	0.00	0.00
E-12	1,200	0.00	0.00	0.00
E-13	1,200	0.00	0.00	0.00
MP 1347 Pellets				
E-5 ^α	1,200	0.00	0.00	0.00
MP 4370 and MP 4386				
E-6	200	0.00	0.00	0.00
MP4301 Pellets				
E-7	200	0.00	0.00	0.00
Total:			0.00	0.00

* The Uncontrolled Emission Factor Listing for Criteria Air Pollutants (Emission Inventory Improvement Program, Vol. II: Chapter 14, July 2001) shows no particulate emission factors for extruders. This includes the following SCC: 3-01-018-09 (extruder, Plastics Production – 2821), 3-01-018-14 (Plastics Production – 2821), 3-02-007-58 (Grain Millings – 2041, Dry Corn Milling: Extruder), 3-08-001-13 (Tire Manufacture – 3011, Tread Extruder), 3-08-010-02 (Plastic Products Manufacturing – multiple, Extruder). Therefore, it is most likely there are negligible emissions or no particulate emissions from the Extruders (E-1 thru E-13) and Plastic Molding Machine (PMM).

α - E-5 runs only when E-6 runs.

Methodology

Assumes PM10 = PM2.5

Uncontrolled PM/PM10/PM2.5 Emissions (lbs/hr) = capacity (lbs/hr) * PM/PM10/PM2.5 Emission Factor (lbs/ton) * 1/2000 (ton/lbs)

Uncontrolled PM/PM10/PM2.5 Emissions (tons/yr) = capacity (lbs/hr) * PM/PM10/PM2.5 Emission Factor (lbs/ton) * 1/2000 (ton/lbs) * 8760 (hrs/yr) * 1/2000 (ton/lbs)

**Appendix A: Emissions Calculations
PM/PM10 Emissions
Plastic Mold Machine**

Company Name: Multiseal Inc.
Address City IN Zip: 4320 Hitch and Peters Rd., Evansville, IN 47721
Exemption Number: F163-32702-00194
Reviewer: Bruce Farrar
Date: December 31, 2012

Emission Unit ID	Capacity (lbs/hr)	PM/PM10/PM2.5 Emission Factor (lbs/ton)	Uncontrolled PM/PM10/PM2.5 Emissions (lbs/hr)	Uncontrolled PM/PM10/PM2.5 Emissions (tons/yr)
PMM	5.00	0.09	2.28E-04	9.96E-04
Total:			2.28E-04	9.96E-04

* Emission factor furnished to source by IDEM's Compliance and Technical Assistance Program (CTAP).

Methodology

Assumes PM10 = PM2.5

Uncontrolled PM/PM10/PM2.5 Emissions (lbs/hr) = capacity (lbs/hr) * PM/PM10/PM2.5 Emission Factor (lbs/ton) * 1/2000 (ton/lbs)

Uncontrolled PM/PM10/PM2.5 Emissions (tons/yr) = capacity (lbs/hr) * PM/PM10/PM2.5 Emission Factor (lbs/ton) * 1/2000 (ton/lbs) * 8760 (hrs/yr) * 1/2000 (ton/lbs)

Appendix A: Emissions Calculations

VOC Emissions

PC-1 Parts Cleaner, Plant 1

Company Name: Multiseal Inc.

Address City IN Zip: 2131 Commercial Ct, Evansville, IN 47720

Permit Number: F163-32702-00194

Reviewer: Bruce Farrar

Date: December 31, 2012

Material	Usage Rate (gals/day)	Density (lbs/gal)	VOC Content (%)	Potential Emissions (tons/yr)
142 + Mineral Spirit	0.06	6.68	100%	0.07

Notes:

Usage per day = 0.06 gallons/day, as provided by the source

Density is 6.68 lbs/gal, as taken from the MSDS

Zep Dyna Brute Parts Cleaner installed in 2002

Methodology:

Potential VOC emissions (tons/yr) = Usage rate (gals/yr) x Density (lbs/gal) x VOC Content (%) x 1 ton/2000 lbs

Appendix A: Emissions Calculations

VOC Emissions

PC-1 Parts Cleaner, Plant 2

Company Name: Multiseal Inc.
Address City IN Zip: 4320 Hitch and Peters Rd., Evansville, IN 47721
Exemption Number: F163-32702-00194
Reviewer: Bruce Farrar
Date: December 31, 2012

Material	Usage Rate (gals/day)	Density (lbs/gal)	VOC Content (%)	Potential Emissions (tons/yr)
142 + Mineral Spirit	0.06	6.68	100%	0.07

Notes:

Usage per day = 0.06 gallons/day, as provided by the source
Density is 6.68 lbs/gal, as taken from the MSDS
Zep Dyna Brute Parts Cleaner installed in 2002

Methodology:

Potential VOC emissions (tons/yr) = Usage rate (gals/day) x Density (lbs/gal) x VOC Content (%) x 1 ton/2000 lbs x 364 day/yr

**Appendix A: Emissions Calculations
PM/PM10 Emissions
Pelletizer P-1**

Company Name: Multiseal Inc.
Address City IN Zip: 2131 Commercial Ct, Evansville, IN 47720
Permit Number: F163-32702-00194
Reviewer: Bruce Farrar
Date: December 31, 2012

Emission Unit ID	Capacity (lbs/hr)	PM/PM10/PM2.5 Emission Factor (lbs/ton)	Uncontrolled PM/PM10/PM2.5 Emissions (lbs/hr)	Uncontrolled PM/PM10/PM2.5 Emissions (tons/yr)
P-1	2,700	0.00	0.00	0.00

* The Uncontrolled Emission Factor Listing for Criteria Air Pollutants (Emission Inventory Improvement Program, Vol. II: Chapter 14, July 2001) shows no particulate emission factors for extruders. This includes the following SCC: 3-02-016-12 (Dried Pulp Pelletizer, Sugar Beet Processing - 2063), 3-01-018-21 (Extruding/Pelletizing/Conveying/Storage, Plastics Production - 2821), 3-05-014-18 (Pelletizing, Glass Manufacture - 3211, 3221, 3229), 3-05-089-53 (Pelletizer Talc Processing - 1499, 3295). Therefore, it is most likely there are negligible emissions or no particulate emissions from the Pelletizer (PE-1).

Methodology

Assumes PM10 = PM2.5

Uncontrolled PM/PM10/PM2.5 Emissions (lbs/hr) = Maximum Solid Usage (lbs/hr) * PM/PM10/PM2.5 Emission Factor (lbs/ton) * 1/2000 (ton/lbs)

Uncontrolled PM/PM10/PM2.5 Emissions (tons/yr) = Maximum Solid Usage (lbs/hr) * PM/PM10/PM2.5 Emission Factor (lbs/ton) * 1/2000 (ton/lbs) * 8760 (hrs/yr) * 1/2000 (ton/lbs)

**Appendix A: Emissions Calculations
Natural Gas Combustion Only
Heaters H-1 thru H-5**

Company Name: Multiseal Inc.
Address City IN Zip: 2131 Commercial Ct, Evansville, IN 47720
Permit Number: F163-32702-00194
Reviewer: Bruce Farrar
Date: December 31, 2012

Total Heat Input Capacity MMBtu/hr	HHV mmBtu mmscf	Potential Throughput MMCF/yr
1.25	1020	10.7

	Pollutant						
	PM*	PM10*	direct 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	0.01	0.04	0.04	0.00	0.54	0.03	0.45

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

PM2.5 emission factor is filterable and condensable PM2.5 combined.

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

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

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

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

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

See page 8 for HAPs emissions calculations.

**Appendix A: Emissions Calculations
 Natural Gas Combustion Only
 Heaters H-1 thru H-5
 HAPs Emissions**

Company Name: Multiseal Inc.
Address City IN Zip: 2131 Commercial Ct, Evansville, IN 47720
Permit Number: F163-32702-00194
Reviewer: Bruce Farrar
Date: December 31, 2012

HAPs - Organics					
Emission Factor in lb/MMcf	Benzene 2.1E-03	Dichlorobenzene 1.2E-03	Formaldehyde 7.5E-02	Hexane 1.8E+00	Toluene 3.4E-03
Potential Emission in tons/yr	1.127E-05	6.441E-06	4.026E-04	9.662E-03	1.825E-05

HAPs - Metals					
Emission Factor in lb/MMcf	Lead 5.0E-04	Cadmium 1.1E-03	Chromium 1.4E-03	Manganese 3.8E-04	Nickel 2.1E-03
Potential Emission in tons/yr	2.684E-06	5.904E-06	7.515E-06	2.040E-06	1.127E-05

Methodology is the same as page 7.

The five highest organic and metal HAPs emission factors are provided above.
 Additional HAPs emission factors are available in AP-42, Chapter 1.4.
 See Page 3 for Greenhouse Gas calculations.

**Appendix A: Emissions Calculations
Natural Gas Combustion Only
Heaters H-1 thru H-5
Greenhouse Gas Emissions**

**Company Name: Multiseal Inc.
Address City IN Zip: 2131 Commercial Ct, Evansville, IN 47720
Permit Number: F163-32702-00194
Reviewer: Bruce Farrar
Date: December 31, 2012**

	Greenhouse Gas		
	CO2	CH4	N2O
Emission Factor in lb/MMcf	120,000	2.3	2.2
Potential Emission in tons/yr	644	0.0	0.0
Summed Potential Emissions in tons/yr	644		
CO2e Total in tons/yr	648		

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.
Global 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).

**Appendix A: Emissions Calculations
Natural Gas Combustion Only**

Heater H-1 and H-2

**Company Name: Multiseal Inc.
Address City IN Zip: 4320 Hitch and Peters Rd., Evansville, IN 47721
Exemption Number: F163-32702-00194
Reviewer: Bruce Farrar
Date: December 31, 2012**

Total Heat Input Capacity MMBtu/hr	HHV mmBtu mmscf	Potential Throughput MMCF/yr
4.40	1020	37.8

	Pollutant						
	PM*	PM10*	direct 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	0.14	0.14	0.01	1.89	0.10	1.59

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

PM2.5 emission factor is filterable and condensable PM2.5 combined.

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

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

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

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

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

See page 6 for HAPs emissions calculations.

**Appendix A: Emissions Calculations
 Natural Gas Combustion Only
 Heater H-1 and H-2
 HAPs Emissions**

Company Name: Multiseal Inc.
Address City IN Zip: 4320 Hitch and Peters Rd., Evansville, IN 47721
Exemption Number: F163-32702-00194
Reviewer: Bruce Farrar
Date: December 31, 2012

HAPs - Organics					
Emission Factor in lb/MMcf	Benzene 2.1E-03	Dichlorobenzene 1.2E-03	Formaldehyde 7.5E-02	Hexane 1.8E+00	Toluene 3.4E-03
Potential Emission in tons/yr	3.968E-05	2.267E-05	1.417E-03	3.401E-02	6.424E-05

HAPs - Metals					
Emission Factor in lb/MMcf	Lead 5.0E-04	Cadmium 1.1E-03	Chromium 1.4E-03	Manganese 3.8E-04	Nickel 2.1E-03
Potential Emission in tons/yr	9.447E-06	2.078E-05	2.645E-05	7.180E-06	3.968E-05

Methodology is the same as page 5.

The five highest organic and metal HAPs emission factors are provided above.
 Additional HAPs emission factors are available in AP-42, Chapter 1.4.
 See Page 4 for Greenhouse Gas calculations.

**Appendix A: Emissions Calculations
Natural Gas Combustion Only
Heater H-1 and H-2
Greenhouse Gas Emissions**

Company Name: Multiseal Inc.
Address City IN Zip: 4320 Hitch and Peters Rd., Evansville, IN 47721
Exemption Number: F163-32702-00194
Reviewer: Bruce Farrar
Date: December 31, 2012

	Greenhouse Gas		
	CO2	CH4	N2O
Emission Factor in lb/MMcf	120,000	2.3	2.2
Potential Emission in tons/yr	2,267	0.0	0.0
Summed Potential Emissions in tons/yr	2,267		
CO2e Total in tons/yr	2,281		

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.
Global 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).



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

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

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

TO: Duane Holtzman
Multiseal, Inc.
4320 Hitch & Peters Rd
Evansville, IN 47711

DATE: April 30, 2013

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

SUBJECT: Final Decision
New Source FESOP
163 - 32702 - 00194

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

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

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

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

Final Applicant Cover letter.dot 11/30/07



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

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April 30, 2013

TO: Evansville Vanderburg Public Library

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

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

Applicant Name: Multiseal, Inc.
Permit Number: 163 - 32702 - 00194

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 11/30/07

Mail Code 61-53

IDEM Staff	LPOGOST 4/30/2013 Multiseal Inc. 163 - 32702 - 00194 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	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
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2		Evansville City Council and Mayors Office 1NW MLK Blvd, Rm 302 Evansville IN 47708 (Local Official)										
3		Vanderburgh County Commissioners 1 NW MLK Blvd, Rm 305 Evansville IN 47708 (Local Official)										
4		Evansville Vanderburg Public Library 200 SE Martin Luther King Jr. Blvd Evansville IN 47708-1694 (Library)										
5		Mr. Don Mottley Save Our Rivers 6222 Yankeetown Hwy Boonville IN 47601 (Affected Party)										
6		Vanderburgh County Health Dept. 420 Milberry Street Evansville IN 47713-1888 (Health Department)										
7		Kim Sherman 3355 Woodview Drive Newburgh IN 47630 (Affected Party)										
8		Darmstadt Town Council PO Box 20, 559 W Hoing Road Evansville IN 47725 (Local Official)										
9		Mr. Mark Wilson Evansville Courier & Press P.O. Box 268 Evansville IN 47702-0268 (Affected Party)										
10		Evansville EPA 100 E. Walnut St. Suite 100, Newsome Center Evansville IN 47713 (Local Official)										
11		David Boggs 216 Western Hills Dr Mt Vernon IN 47620 (Affected Party)										
12		Melinda Paul HSMF, LLC 12835 Saint Wendel Road Evansville IN 47720 (Affected Party)										
13		John Blair 800 Adams Ave Evansville IN 47713 (Affected Party)										
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