



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

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Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

To: Interested Parties

Date: June 28, 2024

From: Jenny Acker, Chief
Permits Branch
Office of Air Quality

Source Name: Pine Cone Recycling LLC

Permit Level: FESOP Renewal

Permit Number: 039-47383-00852

Source Location: 59697 CR 7 Elkhart, IN 46517

Type of Action Taken: Permit Renewal

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 matter referenced above.

The final decision is available on the IDEM website at: <http://www.in.gov/apps/idem/caats/>
To view the document, choose Search Option **by Permit Number**, then enter permit 47383. This search will also provide the application received date, **draft permit** public notice start and end date, and **final** permit issuance date.

The final decision is also available via IDEM's Virtual File Cabinet (VFC). Please go to: <https://www.IN.gov/idem> and enter VFC in the search box. You will then have the option to search for permit documents using a variety of criteria.

(continues on next page)

If you would like to request a paper copy of the permit document, please contact IDEM's Office of Records Management:

IDEM - Office of Records Management
Indiana Government Center North, Room 1207
100 North Senate Avenue
Indianapolis, IN 46204
Phone: (317) 232-8667
Fax: (317) 233-6647
Email: IDEMFILEROOM@idem.in.gov

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 Indiana Office of Administrative Law Proceedings, 100 N. Senate Avenue Suite N802, 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 Indiana Office of Administrative Law Proceedings (OALP) or;
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OALP 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 OALP 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.



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Commissioner

Federally Enforceable State Operating Permit
Renewal
OFFICE OF AIR QUALITY

Pine Cone Recycling, LLC
59697 County Road 7
Elkhart, Indiana 46517

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

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

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 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.: F039-47383-00852	
Master Agency Interest ID: 123857	
Issued by:  Madhurima D. Moulik, Section Chief Permits Branch Office of Air Quality	Issuance Date: June 28, 2024 Expiration Date: June 28, 2034

TABLE OF CONTENTS

SECTION A	SOURCE SUMMARY	4
A.1	General Information [326 IAC 2-8-3(b)]	
A.2	Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]	
A.3	Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-8-3(c)(3)(I)]	
A.4	FESOP Applicability [326 IAC 2-8-2]	
SECTION B	GENERAL CONDITIONS	6
B.1	Definitions [326 IAC 2-8-1]	
B.2	Permit Term [326 IAC 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]	
B.3	Term of Conditions [326 IAC 2-1.1-9.5]	
B.4	Enforceability [326 IAC 2-8-6] [IC 13-17-12]	
B.5	Severability [326 IAC 2-8-4(4)]	
B.6	Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]	
B.7	Duty to Provide Information [326 IAC 2-8-4(5)(E)]	
B.8	Certification [326 IAC 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(a)(1)]	
B.9	Annual Compliance Certification [326 IAC 2-8-5(a)(1)]	
B.10	Compliance Order Issuance [326 IAC 2-8-5(b)]	
B.11	Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)]	
B.12	Emergency Provisions [326 IAC 2-8-12]	
B.13	Prior Permits Superseded [326 IAC 2-1.1-9.5]	
B.14	Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]	
B.15	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]	
B.16	Permit Renewal [326 IAC 2-8-3(h)]	
B.17	Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]	
B.18	Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]	
B.19	Source Modification Requirement [326 IAC 2-8-11.1]	
B.20	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]	
B.21	Transfer of Ownership or Operational Control [326 IAC 2-8-10]	
B.22	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]	
B.23	Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [326 IAC 1-1-6]	
	Emission Limitations and Standards [326 IAC 2-8-4(1)]	15
C.1	Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]	
C.2	Overall Source Limit [326 IAC 2-8]	
C.3	Opacity [326 IAC 5-1]	
C.4	Open Burning [326 IAC 4-1] [IC 13-17-9]	
C.5	Incineration [326 IAC 4-2] [326 IAC 9-1-2]	
C.6	Fugitive Dust Emissions [326 IAC 6-4]	
C.7	Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]	
	Testing Requirements [326 IAC 2-8-4(3)]	17
C.8	Performance Testing [326 IAC 3-6]	
	Compliance Requirements [326 IAC 2-1.1-11]	17
C.9	Compliance Requirements [326 IAC 2-1.1-11]	
	Compliance Monitoring Requirements [326 IAC 2-8-4(1)][326 IAC 2-8-5(a)(1)]	18
C.10	Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]	
C.11	Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]	
	Corrective Actions and Response Steps [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]	18
C.12	Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]	
C.13	Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]	

C.14	Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]	
	Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]	19
C.15	General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]	
C.16	General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]	
	Stratospheric Ozone Protection	21
C.17	Compliance with 40 CFR 82 and 326 IAC 22-1	
SECTION D.1	EMISSIONS UNIT OPERATION CONDITIONS	22
	Emission Limitations and Standards [326 IAC 2-8-4(1)]	23
D.1.1	FESOP Limits [326 IAC 2-8-4]	
D.1.2	Air Quality Requirements [326 IAC 2-1.1-5]	
D.1.3	Stack Height [326 IAC 2-1.1-5]	
D.1.4	Particulate [326 IAC 6-3-2]	
D.1.5	Preventive Maintenance Plan [326 IAC 2-8-4 (9)]	
	Compliance Determination Requirements [326 IAC 2-8-4(1)]	24
D.1.6	Particulate control	
D.1.7	PM10 and PM2.5 [326 IAC 2-1.1-5]	
D.1.8	Testing Requirements [326 IAC 2-1.1-11]	
	Compliance Monitoring Requirements [326 IAC 2-8-4(1)][326 IAC 2-8-5(a)(1)]	26
D.1.9	Visible Emissions Notations	
D.1.10	Cyclone Failure Detection	
	Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]	26
D.1.11	Record Keeping Requirement	
D.1.12	Reporting Requirements	
CERTIFICATION	.....	28
EMERGENCY OCCURRENCE REPORT	.....	29
FESOP Quarterly Report	.....	31
FESOP Quarterly Report	.....	32
FESOP Quarterly Report	.....	33
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT	.....	34

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 wood and drywall grinding facility.

Source Address:	59697 County Road 7, Elkhart, Indiana 46517
General Source Phone Number:	(574) 293-3751
SIC Code:	2499 (Wood Products, Not Elsewhere Classified)
County Location:	Elkhart
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit Program Minor Source, under PSD Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

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

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

- (a) One (1) receiving station, constructed in 2019, with a maximum capacity of 80,000 pounds of wood waste and drywall waste combined per hour, unloaded onto the tipping floor inside the waste processing area of the building, with no controls and exhausting indoors.
- (b) Waste Material Processing Operations including:
 - (1) One (1) Shredder, identified as SH-1, constructed in 2020, with a total maximum capacity of 34 tons per hour of wood waste, using a high efficiency cyclone C-1 and baghouse BH-1 in series as control, and exhausting to stack S-1.
 - (2) Wood Waste Processing Operations using a high efficiency cyclone C-1 and baghouse BH-1 in series as control, and exhausting to stack S-1, consist of the following:
 - (A) Line 1 including:
 - (1) One (1) Rotochopper horizontal grinder, identified as GR-1, constructed in 2019, with a maximum capacity of 20 tons per hour,
 - (2) One (1) Rotochopper hammermill for, identified as HM-1, constructed in 2019, with a maximum capacity of 20 tons per hour,
 - (B) Line 2 including:
 - (1) One (1) Rotochopper horizontal grinder, identified as GR-2, approved in 2019 for construction, with a maximum capacity of

20 tons per hour;

- (2) One (1) Rotochopper hammermill, identified as HM-2, approved in 2019 for construction, with a maximum capacity of 20 tons per hour,
- (3) Drywall Waste Processing Operations using a high efficiency cyclone C-1 as control, and exhausting to Stack S-2, consist of the following:
 - (A) One (1) Rotochopper horizontal grinder, identified as GR-1, constructed in 2019, with a maximum capacity of 20 tons per hour.

[Note: Ground wood from the hammermills is extracted by air flow supplied by the cyclone up into an enclosed neutral air plenum (product separator). The ground wood then falls down into a sealed auger that pushes the ground wood onto an inclined rubber belt conveyor to begin the Conveying process to the ground wood storage areas identified in Section A.2(d) below.

Ground drywall (gypsum) is diverted off Line 1 prior to the hammermill as identified in Section A.2(c) below]

- (c) One (1) ground drywall (gypsum) drop point off Line 1 into a covered container inside a waste processing area of the manufacturing building, constructed in 2019, with a maximum capacity of 6,000 pounds per hour of gypsum, with no controls and exhausting indoors.
- (d) One ground wood material conveying process, identified as CONVEY, constructed in 2019, including two (2) drop points for mechanical conveying of ground wood from the hammermills to storage areas inside the building, identified as Drop Points #1 and #2, each with a maximum capacity of 68,000 pounds of ground wood per hour, with no controls and exhausting indoors.
- (e) One (1) ground wood material loading process, identified as LOAD, constructed in 2019, including loading of ground wood via front-end loaders into trucks inside the building, with a maximum combined capacity of 68,000 pounds of ground wood per hour, with no controls and exhausting indoors.

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, as defined in 326 IAC 2-7-1(21):

- (a) Two (2) natural gas-fired heaters, identified as Heater #1 and Heater #2, constructed in 2019, with a maximum heat input capacity of 1.00 MMBtu/hr each, using no control.
- (b) Unpaved roads

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) to renew a Federally Enforceable State Operating Permit (FESOP).

SECTION B GENERAL CONDITIONS

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

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

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

- (a) This permit, F039-47383-00852, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

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

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

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

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

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

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

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

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

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

B.8 Certification [326 IAC 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(a)(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.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than 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.10 Compliance Order Issuance [326 IAC 2-8-5(b)]

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

B.11 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)]

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

The Permittee shall implement the PMPs.

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

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

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

The 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.

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

PMP requirements of 326 IAC 1-6-3 for that unit.

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

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation except as provided in 326 IAC 2-8-12.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
- (2) The permitted facility was at the time being properly operated;
- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ or Northern 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
Northern Regional Office phone: (574) 245-4870; fax: (574) 245-4877.

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

- (a) All terms and conditions of permits established prior to F039-47383-00852 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deleted.

- (b) All previous registrations and permits are superseded by this permit.

B.14 Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]

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

**B.15 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.16 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(42). 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.17 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.18 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 5
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.19 Source Modification Requirement [326 IAC 2-8-11.1]

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

B.20 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.21 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.22 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 317-233-8590 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.23 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [326 IAC 1-1-6]

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

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

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

(a) Pursuant to 326 IAC 2-8:

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

(b) Pursuant to 326 IAC 2-2 (PSD), potential to emit particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period.

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

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

C.3 Opacity [326 IAC 5-1]

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

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

continuous opacity monitor) in a six (6) hour period.

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

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

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

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

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

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

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

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

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(1)][326 IAC 2-8-5(a)(1)]

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

- (a) For new units:
Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units shall be implemented on and after the date of initial start-up.

- (b) For existing units:
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 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, 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).

C.11 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(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. The analog instrument shall be capable of measuring values outside of the normal range.

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

Corrective Actions and Response Steps [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,

where applicable:

- (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, where applicable:

- (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) 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:

- (a) One (1) receiving station, constructed in 2019, with a maximum capacity of 80,000 pounds of wood waste and drywall waste combined per hour, unloaded onto the tipping floor inside the waste processing area of the building, with no controls and exhausting indoors.
- (b) Waste Material Processing Operations including:
 - (1) One (1) Shredder, identified as SH-1, constructed in 2020, with a total maximum capacity of 34 tons per hour of wood waste, using a high efficiency cyclone C-1 and baghouse BH-1 in series as control, and exhausting to stack S-1.
 - (2) Wood Waste Processing Operations using a high efficiency cyclone C-1 and baghouse BH-1 in series as control, and exhausting to stack S-1, consist of the following:
 - (A) Line 1 including:
 - (1) One (1) Rotochopper horizontal grinder, identified as GR-1, constructed in 2019, with a maximum capacity of 20 tons per hour,
 - (2) One (1) Rotochopper hammermill for, identified as HM-1, constructed in 2019, with a maximum capacity of 20 tons per hour,
 - (B) Line 2 including:
 - (1) One (1) Rotochopper horizontal grinder, identified as GR-2, approved in 2019 for construction, with a maximum capacity of 20 tons per hour;
 - (2) One (1) Rotochopper hammermill, identified as HM-2, approved in 2019 for construction, with a maximum capacity of 20 tons per hour,
 - (3) Drywall Waste Processing Operations using a high efficiency cyclone C-1 as control, and exhausting to Stack S-2, consist of the following:
 - (A) One (1) Rotochopper horizontal grinder, identified as GR-1, constructed in 2019, with a maximum capacity of 20 tons per hour.
- (c) One (1) ground drywall (gypsum) drop point off Line 1 into a covered container inside a waste processing area of the manufacturing building, constructed in 2019, with a maximum capacity of 6,000 pounds per hour of gypsum, with no controls and exhausting indoors.
- (d) One ground wood material conveying process, identified as CONVEY, constructed in 2019, including two (2) drop points for mechanical conveying of ground wood from the hammermills to storage areas inside the building, identified as Drop Points #1 and #2, each with a maximum capacity of 68,000 pounds of ground wood per hour, with no controls and exhausting indoors.
- (e) One (1) ground wood material loading process, identified as LOAD, constructed in 2019, including loading of ground wood via front-end loaders into trucks inside the building, with a maximum combined capacity of 68,000 pounds of ground wood per hour, with no controls and exhausting indoors.

(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 Limits [326 IAC 2-8-4]

- (a) Pursuant to 326 IAC 2-8-4 (FESOP) and in order to render the requirements of 326 IAC 2-7 (Part 70 Permits) not applicable, the Permittee shall comply with the following:
- (1) The emissions of PM₁₀ from Stack S-1 and Stack S-2, combined, shall not exceed 15.0 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.
 - (2) The emissions of PM_{2.5} from Stack S-1 and Stack S-2, combined, shall not exceed 15.0 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with the above limits, combined with the potential to emit PM₁₀ and PM_{2.5} from all other emission units at this source, shall limit the source-wide total potential to emit of PM₁₀ and PM_{2.5} to less than 100 tons per twelve (12) consecutive month period, each, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) not applicable.

D.1.2 Air Quality Requirements [326 IAC 2-1.1-5]

Pursuant to 326 IAC 2-1.1-5, the Permittee shall comply with the following:

- (a) The PM₁₀ emissions from Stack S-2 shall be less than 30.14 pounds per 24 consecutive hour period.
- (b) The PM_{2.5} emissions from Stack S-2 shall be less than 22.14 pounds per 24 consecutive hour period.
- (c) Shall comply with the following Fugitive Dust Control Plan:
 - (1) Any unpaved roads associated with the wood waste and drywall processing operation shall be watered or the Permittee shall use a chemical suppressant according to manufacturer's specifications on an as needed basis, in order to control emissions of PM, PM₁₀ and PM_{2.5} and to assure no visible emissions from the unpaved roads.
 - (2) The wet or chemical suppression shall be applied at a frequency of once every four (4) hours except for the following time periods:
 - (i) During precipitation.
 - (ii) When ambient air temperature is at or below freezing temperature.

D.1.3 Stack Height [326 IAC 2-1.1-5]

Pursuant to 326 IAC 2-1.1-5(1) and (5) (Air Quality Requirements), the stack height of Stack S-2 shall not be less than 37 feet.

D.1.4 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2, the allowable particulate emission rate from each of the facilities listed in the following table shall not exceed the pound per hour value, when operating at the specified process weight rate:

Summary of Process Weight Rate Limits		
Process / Emission Unit	P (ton/hr)	326 IAC 6-3-2 Allowable PM Emission Rate, E (lb/hr)
Waste Processing / GR-1, GR-2, HM-1, and HM-2	40	42.53
Conveying of Sawdust / CONVEY	40	42.53
Transfer of Sawdust / LOAD	40	42.53
Shredder (SH-1)	34	43.53

These pounds per hour limitations were calculated with the following equation:

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

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

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

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

D.1.5 Preventive Maintenance Plan [326 IAC 2-8-4 (9)]

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

Compliance Determination Requirements [326 IAC 2-8-4(1)]

D.1.6 Particulate control

- (a) In order to assure compliance with Conditions D.1.1, D.1.2, and D.1.4, cyclone C-1 and baghouse BH-1 for particulate control shall be in operation and control emissions from the wood waste processing operations (GR-1, GR-2, HM-1, and HM-2) and Shredder (SH-1) at all times, that these emission units are in operation.
- (b) In order to assure compliance with Conditions D.1.1, D.1.2, and D.1.4, cyclone C-1 for particulate control shall be in operation and control emissions from the drywall waste processing operations (GR-1) at all times, that grinder GR-1 is in operation.
- (c) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

D.1.7 PM10 and PM2.5 [326 IAC 2-1.1-5]

Pursuant to 326 IAC 2-1.1-5(1) and (5) (Air Quality Requirements) and in order to demonstrate compliance with Conditions D.1.1 and D.1.2, the Permittee shall perform the following

calculations:

(1) PM10 (lb/24 consecutive hours)

= EF of PM10 (drywall) x Total Drywall processed (lb/24-hr) + EF of PM10 (wood waste)
x Total Wood Waste processed (lb/24-hr)

(2) PM2.5 (lb/24 consecutive hours)

= EF of PM2.5 (drywall) x Total Drywall processed (lb/24-hr) + EF of PM2.5 (wood waste)
x Total Wood Waste processed (lb/24-hr)

(3) where,

EF of PM10 (drywall) = 0.47 lb/ton

EF of PM2.5 (drywall) = 0.47 lb/ton

EF of PM10 (wood waste) = 0.02805 lb/ton

EF of PM2.5 (wood waste) = 0.1015 lb/ton

Until the valid stack testing results are available, the emission factors specified above shall be used. After the valid stack testing, the emission factors determined from the most recent valid stack testing results shall be used.

(4) For any 24 consecutive hour period during which Drywall is not processed, the source may calculate emissions based on a 24 hour day.

D.1.8 Testing Requirements [326 IAC 2-1.1-11]

(a) The Permittee shall perform PM10 and PM2.5 testing for Line 1 (GR-1 and HM-1) and Shredder (SH-1) when processing wood waste utilizing methods approved by the commissioner. This testing shall be performed at least once every five (5) years from the date of the most recent valid compliance demonstration. The test shall be conducted while operating GR-1, HM-1, and SH-1. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures).

PM₁₀ and PM_{2.5} includes filterable and condensable PM.

(b) Not later than 180 days after the start of drywall processing in Line 1 (GR-1), the Permittee shall perform PM10 and PM2.5 testing when processing drywall utilizing methods approved by the commissioner. The test shall be repeated at least once every 5 years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures).

PM₁₀ and PM_{2.5} includes filterable and condensable PM.

(c) The Permittee shall perform initial PM10 and PM2.5 testing for Line 2 (GR2 and HM-2) and Shredder (SH-1) when processing wood waste utilizing methods approved by the commissioner. This initial testing shall be performed no later than 180 days after whichever is later startup date between Line 2 (GR2 and HM-2) and Shredder (SH-1). The test shall be conducted while operating GR-2, HM-2, and SH-1. The test shall be repeated at least once every 5 years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with the provisions of 326 IAC

3-6 (Source Sampling Procedures).

PM₁₀ and PM_{2.5} includes filterable and condensable PM.

- (d) Section C – Performance Testing contains the Permittee’s obligation with regard to the performance testing required by this condition.

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

D.1.9 Visible Emissions Notations

- (a) Visible emission notations of baghouse stack exhaust (S-1) shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.
- (b) Visible emission notations of cyclone stack exhaust (S-2) shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.
- (c) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (d) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (e) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (f) If abnormal emissions are observed, the Permittee shall take a reasonable response. Section C – Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

D.1.10 Cyclone Failure Detection

In the event that a cyclone malfunction has been observed:

Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the emission unit. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

D.1.11 Record Keeping Requirement

- (a) To document the compliance status with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be complete and sufficient to establish compliance with the limits established in D.1.1.
- (1) The total emissions of PM₁₀ and PM_{2.5} from Stack S-1 per twelve (12) consecutive month period.
- (2) The total amount of wood waste processed at the facility per day.

- (3) For any 24 consecutive hour period during which Drywall has been processed, the Permittee shall maintain the additional records:
 - (A) The total emissions of PM10 and PM2.5 from Stack S-2 per consecutive 24 hour periods.
 - (B) The total amount of drywall processed at the facility per consecutive 24-hour period.
 - (C) The total amount of wood waste processed at the facility 24-hour period..
 - (D) Records of the day and hours drywall was processed.
- (b) To document the compliance status with Condition D.1.2(c), the Permittee shall maintain daily records of the watering or chemical suppressant application of unpaved roads associated with the wood waste and drywall processing facility. The Permittee shall include in its daily record when watering is suspended and the reason for the suspension (e.g. the process did not operate that day or unsafe or hazardous conditions).
- (c) To document the compliance status with Condition D.1.2(c), the Permittee shall maintain records of manufacturer's specifications for the chemical suppressants used for unpaved roads.
- (d) To document the compliance status with Condition D.1.9, the Permittee shall maintain daily records of the visible emission notations of the emissions from the cyclone stack exhausts and baghouse stack exhaust. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of a visible emission notation (e.g., the process did not operate that day).
- (e) Section C - General Record Keeping Requirements contains the Permittee's obligation with regard to the records required by this condition.

D.1.12 Reporting Requirements

A quarterly report and a quarterly summary of the information to document the compliance status with Conditions D.1.1 and D.1.2 shall be submitted not later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition. The report 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).

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

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

Source Name: Pine Cone Recycling, LLC
Source Address: 59697 County Road 7, Elkhart, Indiana 46517
FESOP Permit No.: F039-47383-00852

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: Pine Cone Recycling, LLC
Source Address: 59697 County Road 7, Elkhart, Indiana 46517
FESOP Permit No.: F039-47383-00852

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) daytime 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 2-8-12 |
|--|

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
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: Pine Cone Recycling, LLC
Source Address: 59697 County Road 7, Elkhart, Indiana 46517
FESOP Permit No.: F039-47383-00852
Facility: PM10 Emissions
Parameter: Stack S-1 and Stack S-2, combined.
Limit: The emissions of PM10 shall not exceed 15.0 tons per twelve (12) consecutive month period, with compliance determined at the end of each month (Condition D.1.1).

QUARTER: _____ YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	(PM10) (tons)	(PM10) (tons)	(PM10) (tons)
	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**

FESOP Quarterly Report

Source Name: Pine Cone Recycling, LLC
Source Address: 59697 County Road 7, Elkhart, Indiana 46517
FESOP Permit No.: F039-47383-00852
Facility: PM2.5 Emissions
Parameter: Stack S-1 and Stack S-2, combined.
Limit: The emissions of PM2.5 shall not exceed 15.0 tons per twelve (12) consecutive month period, with compliance determined at the end of each month (Condition D.1.1).

QUARTER: _____ YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	(PM2.5) (tons)	(PM2.5) (tons)	(PM2.5) (tons)
	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**

FESOP Quarterly Report

Source Name: Pine Cone Recycling, LLC
 Source Address: 59697 County Road 7, Elkhart, Indiana 46517
 FESOP Permit No.: F039-47383-00852
 Facility: Stack S-2
 Parameter: PM10 and PM2.5 Emissions
 Limit: The PM10 emissions from Stack S-2 shall be less than 30.14 pounds per 24 consecutive hour period.
 The PM2.5 emissions from Stack S-2 shall be less than shall be less than 22.14 pounds per 24 consecutive hour period.

Quarter: Year:

Date	Start Time	End Time (24 hrs later)	PM10 (lb)	Date	Start Time	End Time (24 hrs later)	PM2.5 (lb)

- 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: Pine Cone Recycling, LLC
 Source Address: 59697 County Road 7, Elkhart, Indiana 46517
 FESOP Permit No.: F039-47383-00852

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

<p>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".</p>	
<input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

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

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

Source Description and Location

Source Name:	Pine Cone Recycling, LLC
Source Location:	59697 County Road 7, Elkhart, IN 46517
County:	Elkhart
SIC Code:	2499 (Wood Products, Not Elsewhere Classified)
Permit Renewal No.:	F039-47383-00852
Permit Reviewer:	Mehul Sura

On December 29, 2023, Pine Cone Recycling, LLC submitted an application to the Office of Air Quality (OAQ) requesting to renew its operating permit. OAQ has reviewed the operating permit renewal application from Pine Cone Recycling, LLC relating to the operation of a stationary wood and drywall grinding facility. Pine Cone Recycling, LLC was issued its FESOP (F039-41354-00852) on October 9, 2019.

Existing Approvals

The source was issued FESOP No. 039-41354-00852 on October 9, 2019. The source has since received the following approvals:

- (a) Administrative Amendment No. 039-42421-00852, issued on February 26, 2020
- (b) Significant Permit Revision No. 039-42991-00852, issued on September 29, 2020

All terms and conditions of previous permits issued pursuant to permitting programs approved into the State Implementation Plan have been either incorporated as originally stated, revised, or deleted by this permit. All previous registrations and permits are superseded by this permit.

Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units:

- (a) One (1) receiving station, constructed in 2019, with a maximum capacity of 80,000 pounds of wood waste and drywall waste combined per hour, unloaded onto the tipping floor inside the waste processing area of the building, with no controls and exhausting indoors.
- (b) Waste Material Processing Operations including:
 - (1) One (1) Shredder, identified as SH-1, constructed in 2020, with a total maximum capacity of 34 tons per hour of wood waste, using a high efficiency cyclone C-1 and baghouse BH-1 in series as control, and exhausting to stack S-1.
 - (2) Wood Waste Processing Operations using a high efficiency cyclone C-1 and baghouse BH-1 in series as control, and exhausting to stack S-1, consist of the following:
 - (A) Line 1 including:
 - (1) One (1) Rotochopper horizontal grinder, identified as GR-1, constructed in 2019, with a maximum capacity of 20 tons per hour,

- (2) One (1) Rotochopper hammermill for, identified as HM-1, constructed in 2019, with a maximum capacity of 20 tons per hour,
- (B) Line 2 including:
 - (1) One (1) Rotochopper horizontal grinder, identified as GR-2, approved in 2019 for construction, with a maximum capacity of 20 tons per hour;
 - (2) One (1) Rotochopper hammermill, identified as HM-2, approved in 2019 for construction, with a maximum capacity of 20 tons per hour,
- (3) Drywall Waste Processing Operations using a high efficiency cyclone C-1 as control, and exhausting to Stack S-2, consist of the following:
 - (A) One (1) Rotochopper horizontal grinder, identified as GR-1, constructed in 2019, with a maximum capacity of 20 tons per hour.

[Note: Ground wood from the hammermills is extracted by air flow supplied by the cyclone up into an enclosed neutral air plenum (product separator). The ground wood then falls down into a sealed auger that pushes the ground wood onto an inclined rubber belt conveyor to begin the Conveying process to the ground wood storage areas identified paragraph (d) below.

Ground drywall (gypsum) is diverted off Line 1 prior to the hammermill as identified in paragraph (c) below.

- (c) One (1) ground drywall (gypsum) drop point off Line 1 into a covered container inside a waste processing area of the manufacturing building, constructed in 2019, with a maximum capacity of 6,000 pounds per hour of gypsum, with no controls and exhausting indoors.
- (d) One ground wood material conveying process, identified as CONVEY, constructed in 2019, including two (2) drop points for mechanical conveying of ground wood from the hammermills to storage areas inside the building, identified as Drop Points #1 and #2, each with a maximum capacity of 68,000 pounds of ground wood per hour, with no controls and exhausting indoors.
- (e) One (1) ground wood material loading process, identified as LOAD, constructed in 2019, including loading of ground wood via front-end loaders into trucks inside the building, with a maximum combined capacity of 68,000 pounds of ground wood per hour, with no controls and exhausting indoors.

Insignificant Activities

The source also consists of the following insignificant activities:

- (a) Two (2) natural gas-fired heaters, identified as Heater #1 and Heater #2, constructed in 2019, with a maximum heat input capacity of 1.00 MMBtu/hr each, using no control.
- (b) Unpaved roads

Enforcement Issue

There are no enforcement actions pending.

Emission Calculations

See Appendix A of this Technical Support Document for detailed emission calculations.

County Attainment Status

The source is located in Elkhart County.

Pursuant to amendments to Indiana Code IC 13-17-3-14, effective July 1, 2023, a federal regulation that classifies or amends a designation of attainment, nonattainment, or unclassifiable for any area in Indiana under the federal Clean Air Act is effective and enforceable in Indiana on the effective date of the federal regulation.

Pollutant	Designation
SO ₂	Unclassifiable or attainment effective April 9, 2018, for the 2010 primary 1-hour SO ₂ standard. Better than national secondary standards effective March 3, 1978.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Unclassifiable or attainment effective August 3, 2018, for the 2015 8-hour ozone standard.
PM _{2.5}	Unclassifiable or attainment effective April 15, 2015, for the 2012 annual PM _{2.5} standard.
PM _{2.5}	Unclassifiable or attainment effective December 13, 2009, for the 2006 24-hour PM _{2.5} standard.
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Unclassifiable or attainment effective January 29, 2012, for the 2010 NO ₂ standard.
Pb	Unclassifiable or attainment effective December 31, 2011, for the 2008 lead standard.

- (a) Ozone Standards
Volatile organic compounds (VOC) and Nitrogen Oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to ozone. Elkhart County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements of Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (b) PM_{2.5}
Elkhart County has been classified as attainment for PM_{2.5}. Therefore, direct PM_{2.5}, SO₂, and NO_x emissions were reviewed pursuant to the requirements of Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (c) Other Criteria Pollutants
Elkhart County has been classified as attainment or unclassifiable in Indiana for all the 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 (1) of the twenty-eight (28) listed source categories under 326 IAC 2-2-1(ff)(1), 326 IAC 2-3-2(g), or 326 IAC 2-7-1(22)(B), and there is no applicable New Source Performance Standard or National Emission Standard for Hazardous Air Pollutants 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.

The fugitive emissions of hazardous air pollutants (HAP) are counted toward the determination of Part 70 Permit applicability and source status under Section 112 of the Clean Air Act (CAA).

Greenhouse Gas (GHG) Emissions

On June 23, 2014, in the case of *Utility Air Regulatory Group v. EPA*, cause no. 12-1146, (available at http://www.supremecourt.gov/opinions/13pdf/12-1146_4g18.pdf) the United States Supreme Court ruled that the U.S. EPA does not have the authority to treat greenhouse gases (GHGs) as an air pollutant for

the purpose of determining operating permit applicability or PSD Major source status. On July 24, 2014, the U.S. EPA issued a memorandum to the Regional Administrators outlining next steps in permitting decisions in light of the Supreme Court's decision. U.S. EPA's guidance states that U.S. EPA will no longer require PSD or Title V permits for sources "previously classified as 'Major' based solely on greenhouse gas emissions."

The Indiana Environmental Rules Board adopted the GHG regulations required by U.S. EPA at 326 IAC 2-2-1(zz), pursuant to Ind. Code § 13-14-9-8(h) (Section 8 rulemaking). A rule, or part of a rule, adopted under Section 8 is automatically invalidated when the corresponding federal rule, or part of the rule, is invalidated. Due to the United States Supreme Court Ruling, IDEM, OAQ cannot consider GHG emissions to determine operating permit applicability or PSD applicability to a source or modification.

Unrestricted Potential Emissions

This table reflects the unrestricted potential emissions of the source.

	Unrestricted Potential Emissions (ton/year)									
	PM ¹	PM ₁₀ ¹	PM _{2.5} ^{1,2}	SO ₂	NO _x	VOC	CO	Total HAPs	Single HAP ³	
Total PTE of Entire Source Excluding Fugitives*	249.70	156.59	117.42	0.01	0.86	0.05	0.72	0.02	0.02	Hexane
Title V Major Source Thresholds	NA	100	100	100	100	100	100	25	10	
PSD Major Source Thresholds	250	250	250	250	250	250	250	--	--	

¹Under the Part 70 Permit program (40 CFR 70), PM₁₀ and PM_{2.5}, not particulate matter (PM), are each considered as a "regulated air pollutant."
²PM_{2.5} listed is direct PM_{2.5}.
³Single highest source-wide HAP.
 *Fugitive HAP emissions are always included in the source-wide emissions.

Appendix A of this TSD reflects the detailed unrestricted potential emissions of the source.

- (a) The potential to emit (as defined in 326 IAC 2-7-1(30)) of PM₁₀, and PM_{2.5}, each is equal to or greater than 100 tons per year. However, the Permittee has agreed to limit the source's PM₁₀, and PM_{2.5} emissions to less than Title V major source thresholds. Therefore, the source will be issued a FESOP Renewal.
- (b) The potential to emit (as defined in 326 IAC 2-7-1(30)) of all other regulated air pollutants are less than 100 tons per year.
- (c) The potential to emit (as defined in 326 IAC 2-7-1(30)) of any single HAP is less than ten (10) tons per year and the potential to emit (as defined in 326 IAC 2-7-1(30)) of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA) and not subject to the provisions of 326 IAC 2-7.

Potential to Emit After Issuance

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

	Potential To Emit of the Entire Source After Issuance of Renewal (tons/year)								
	PM ¹	PM ₁₀ ¹	PM _{2.5} ^{1, 2}	SO ₂	NO _x	VOC	CO	Single HAP ³	Total HAPs
Total PTE of Entire Source Excluding Fugitives*	14.40	8.15	5.62	0.01	0.86	0.05	0.72	0.02	0.02
Title V Major Source Thresholds	NA	100	100	100	100	100	100	10	25
PSD Major Source Thresholds	250	250	250	250	250	250	250	--	--
¹ Under the Part 70 Permit program (40 CFR 70), PM ₁₀ and PM _{2.5} , not particulate matter (PM), are each considered as a "regulated air pollutant." ² PM _{2.5} listed is direct PM _{2.5} . ³ Single highest source-wide HAP *Fugitive HAP emissions are always included in the source-wide emissions.									

Appendix A of this TSD reflects the detailed potential to emit of the entire source after issuance.

The source opted to take PM₁₀ and PM_{2.5} limit(s) in order to render the requirements of 326 IAC 2-7 (Part 70 Permits) not applicable to this source. See Technical Support Document (TSD) State Rule Applicability - Entire Source section, 326 IAC 2-8 (FESOP), for more information regarding the limit(s).

- (a) This existing minor PSD stationary source will continue to be minor under 326 IAC 2-2 because the potential to emit of all PSD regulated pollutants from the entire source will continue to be limited to less than the PSD major source thresholds. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.
- (b) This source is not a major source of HAP, as defined in 40 CFR 63.2, because HAP emissions are 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. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

Federal Rule Applicability

Federal rule applicability for this source has been reviewed as follows:

New Source Performance Standards (NSPS):

- (a) The requirements of the New Source Performance Standard for Small Industrial-Commercial-Institutional Steam Generating Units 40 CFR 60, Subpart Dc and 326 IAC 12, are still not included in the permit for this source, because this source does not have any steam generating unit, that has heat input capacity of greater than 10 MMBtu/hr. The two (2) heaters (Heater #1 and Heater #2) are rated at 1.00 MMBtu/hr each.
- (b) There are no New Source Performance Standards (40 CFR Part 60) and 326 IAC 12 included in the permit.

National Emission Standards for Hazardous Air Pollutants (NESHAP):

- (a) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Industrial, Commercial, and Institutional Boilers and Process Heaters, 40 CFR 63, Subpart DDDDD and 326 IAC 20-95 are still not included in the permit for this source, since each of the natural gas-fired combustion units is not considered an industrial, commercial, or institutional boiler or process heater as defined by §63.7575, and this source is not a major source of HAPs as defined by §63.2.

- (b) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Industrial, Commercial, and Institutional Boilers Area Sources, 40 CFR 63, Subpart JJJJJJ, are still not included in the permit, since each of the natural gas-fired combustion units at this source is not considered an industrial, commercial, or institutional boiler as defined by §63.11237.
- (c) There are no National Emission Standards for Hazardous Air Pollutants under 40 CFR 63, 326 IAC 14 and 326 IAC 20 included in the permit.

Compliance Assurance Monitoring (CAM):

Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is not included in the permit, because the unlimited potential to emit of the source is limited to 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 - Entire Source

State rule applicability for this source has been reviewed as follows:

326 IAC 2-2 (PSD) and 326 IAC 2-8-4 (FESOP)

PSD, and FESOP applicability are discussed under the Potential to Emit After Issuance section of this document.

FESOP Limit(s):

- (a) In order to render the requirements of 326 IAC 2-7 (Part 70 Permits) not applicable, the Permittee shall comply with the following:
 - (1) The emissions of PM10 from Stack S-1 shall not exceed 15.0 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.
 - (2) The emissions of PM2.5 from Stack S-1 shall not exceed 15.0 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

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 twelve (12) consecutive month period, each, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) not applicable.

326 IAC 2-1.1-5 (Air Quality Requirements)

Pursuant to 326 IAC 2-1.1-5, the Permittee shall comply with the following:

- (a) The PM10 emissions from Stack S-1 shall be less than 30.14 pounds per 24 consecutive hour period.
- (b) The PM2.5 emissions from Stack S-1 shall be less than shall be less than 22.14 pounds per 24 consecutive hour period.
- (c) The Permittee shall comply with the following Fugitive Dust Control Plan:
 - (1) Any unpaved roads associated with the wood waste and drywall processing operation shall be watered or the Permittee shall use a chemical suppressant according to manufacturer's specifications on an as needed basis, in order to control emissions of PM, PM10 and PM2.5 and to assure no visible emissions from the unpaved roads.
 - (2) The wet or chemical suppression shall be applied at a frequency of once every four (4) hours except for the following time periods:

- (i) During precipitation.
 - (ii) When ambient air temperature is at or below freezing temperature.
- (d) Pursuant to 326 IAC 2-1.1-5(1) and (5) (Air Quality Requirements), the stack height of Stack S-2 shall not be less than 37 feet.

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

The operation of this source will emit less than ten (10) tons per year for a single HAP and less than twenty-five (25) tons per year for a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

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, LaPorte, or Lawrenceburg Township, Dearborn 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.

326 IAC 2-7-6(5) (Annual Compliance Certification)

The U.S. EPA Federal Register 79 FR 54978 notice does not exempt Title V Permittees from the requirements of 40 CFR 70.6(c)(5)(iv) or 326 IAC 2-7-6(5)(D), but the submittal of the Title V annual compliance certification to IDEM satisfies the requirement to submit the Title V annual compliance certifications to EPA. IDEM does not intend to revise any permits since the requirements of 40 CFR 70.6(c)(5)(iv) or 326 IAC 2-7-6(5)(D) still apply, but Permittees can note on their Title V annual compliance certifications that submission to IDEM has satisfied reporting to EPA per Federal Register 79 FR 54978. This only applies to Title V Permittees and Title V compliance certifications.

326 IAC 5-1 (Opacity Limitations)

This source is subject to the opacity limitations specified in 326 IAC 5-1-2(1).

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.

326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)

This source is not subject to the requirements of 326 IAC 6-5, because the source has potential fugitive particulate emissions of less than twenty-five (25) tons per year.

326 IAC 6.5 (Particulate Matter Limitations Except Lake County)

Pursuant to 326 IAC 6.5-1-1(a), this source (located in Elkhart County) is not subject to the requirements of 326 IAC 6.5 because it is not located in one of the following counties: Clark, Dearborn, Dubois, Howard, Marion, St. Joseph, Vanderburgh, Vigo or Wayne.

326 IAC 6.8 (Particulate Matter Limitations for Lake County)

Pursuant to 326 IAC 6.8-1-1(a), this source (located in Elkhart County) is not subject to the requirements of 326 IAC 6.8 because it is not located in Lake County.

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

- (a) Waste Processing and Conveying Operations (GR-1, GR-2, HM-1, HM-2, CONVEY, LOAD and SH-1)

Pursuant to 326 IAC 6-3-1(a), the requirements of 326 IAC 6-3-2 are applicable to the units, listed in the table below, since these units are manufacturing processes not exempted from this rule under 326 IAC 6-3-1(b) and are not subject to a particulate matter limitation that is as stringent as or more stringent than the particulate limitation established in this rule as specified in 326 IAC 6-3-1(c).

Pursuant to 326 IAC 6-3-2, the particulate matter (PM) from the units, listed in the table below shall not exceed limitations of pounds per hour specified in the table. The pound per hour limitation was calculated with the following equation:

Equation (a)

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

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

Equation (b)

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

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

Summary of Process Weight Rate Limits					
Process / Emission Unit	P (ton/hr)	E (lb/hr)	Uncontrolled Potential PM Emissions (lb/hr)	Controlled Potential PM Emissions (lb/hr)	Equation Used
Waste Processing / GR-1, GR-2, HM-1, and HM-2	40	42.53	65.47	5.24	(b)
Conveying of Sawdust / CONVEY	40	42.53	40.00	40.00	(b)
Transfer of Sawdust / LOAD	40	42.53	40.00	40.00	(b)
Shredder (SH-1)	34	43.53	11.90	0.95	(b)

(a) The particulate control shall be in operation and control emissions from the waste material processing operations (GR-1, GR-2, HM-1, and HM-2) and Shredder (SH-1) at all times that these emission units are in operation.

(b) Based on the calculations, a control equipment is not needed for CONVEY and LOAD.

(b) Natural Gas-Fired Units (Heater #1, and Heater #2)

Pursuant to 326 IAC 6-3-1.5, the natural gas-fired units Heaters #1 and #2 do not meet the definition of "manufacturing process", therefore Heaters #1 and #2 are not subject to the requirement of 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes).

326 IAC 6-2 (Particulate Emission Limitations for Sources of Indirect Heating)

The two (2) natural gas-fired heaters (Heater #1 and Heater #2) are not subject to the particulate limitations of 326 IAC 6-2 (Particulate Emission Limitations for Sources of Indirect Heating), because they are not sources of indirect heating.

326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations)

Natural Gas-Fired Units (Heater #1, and Heater #2) are not subject to 326 IAC 326 IAC 7-1.1 because they have a potential to emit (or limited potential to emit) sulfur dioxide (SO₂) of less than 25 tons per year or 10 pounds per hour.

326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)

Even though, Natural Gas-Fired Units (Heater #1, and Heater #2) were constructed after January 1, 1980, they are not subject to the requirements of 326 IAC 8-1-6 because their unlimited VOC potential emissions are less than twenty-five (25) tons per year.

326 IAC 9-1 (Carbon Monoxide Emission Limits)

The requirements of 326 IAC 9-1 do not apply to the Natural Gas-Fired Units (Heater #1, and Heater #2), because this source does not operate a catalyst regeneration petroleum cracking system or a petroleum fluid coker, grey iron cupola, blast furnace, basic oxygen steel furnace, or other ferrous metal smelting equipment.

326 IAC 10-3 (Nitrogen Oxide Reduction Program for Specific Source Categories)

The requirements of 326 IAC 10-3 do not apply to the Natural Gas-Fired Units (Heater #1, and Heater #2), since these units are not a blast furnace gas-fired boiler, a Portland cement kiln, or a facility specifically listed under 326 IAC 10-3-1(a)(2).

326 IAC 12 (New Source Performance Standards)

See Federal Rule Applicability Section of this TSD.

326 IAC 20 (Hazardous Air Pollutants)

See Federal Rule Applicability Section of this TSD.

Compliance Determination and Monitoring Requirements

Permits issued under 326 IAC 2-8 are required to assure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a continuous demonstration. When this occurs, IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-8-4. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

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

(a) The Compliance Determination Requirements applicable to this source are as follows:

The waste material processing operations (GR-1, GR-2, HM-1, and HM-2) and Shredder (SH-1) have applicable compliance determination conditions as specified below:

- (1) In order to comply with the particulate limits, the cyclone C-1 and baghouse BH-1 for particulate control shall be in operation and control emissions from the waste material processing operations (GR-1, GR-2, HM-1, and HM-2) and Shredder (SH-1) at all times, that these emission units are in operation.

Testing Requirements:

Summary of Testing Requirements							
Process / Emission Unit	Control Device	Stack	Most Recent Test Date	Timeframe for Initial Testing	Pollutant/Parameter	Frequency of Testing	Authority
Wood Waste Processing - Line 1 (GR-1 and HM-1) and Shredder (SH-1)	cyclone C-1 and baghouse BH-1 in series	stack S-1	December 2, 2021	-	PM10, PM2.5	every 5 years	326 IAC 2-1.1-5 and 326 IAC 2-8
Drywall Processing - Line 1 (GR-1)	cyclone C-1	stack S-2	--	Not later than 180 days after the start of drywall processing in Line 1 (GR-1)*	PM10, PM2.5	every 5 years	326 IAC 2-1.1-5 and 326 IAC 2-8
Wood Waste Processing - Line 2 (GR2 and HM-2) and Shredder (SH-1)	cyclone C-1 and baghouse BH-1 in series	stack S-1	not constructed yet	Not later than 180 days of startup of Line 2	PM10, PM2.5	every 5 years	326 IAC 2-1.1-5 and 326 IAC 2-8

* The source has not begun processing drywall in Drywall Processing - Line 1 (GR-1). Therefore, the initial stack S-2 testing has not been performed yet.

(b) The Compliance Monitoring Requirements applicable to this source are as follows:

Control Device/Stack	Type of Parametric Monitoring	Frequency
Baghouse BH-1 and Cyclone (C-1)/S-1	Visible Emission Notations	Daily
Cyclone (C-1)/S-2	Visible Emission Notations	Daily

These monitoring conditions are necessary because the cyclone and baghouse for the waste material processing operations (GR-1, GR-2, HM-1, and HM-2) and Shredder (SH-1) must operate properly to assure compliance with 326 IAC 6-3 (Particulate Emissions Limitations for Manufacturing Process) and in order to render 326 IAC 2-7 (Part 70) not applicable.

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 29, 2023.

The operation of this stationary wood and drywall grinding facility shall be subject to the conditions of the attached proposed FESOP Renewal No. F039-47383-00852.

IDEM Contact

- (a) If you have any questions regarding this permit, please contact Mehul Sura, 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) 233-6868 or (800) 451-6027, and ask for Mehul Sura or (317) 233-6868.
- (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 Air Permits page on the Internet at: <https://www.in.gov/idem/airpermit/public-participation/>; and the Citizens' Guide to IDEM on the Internet at: <https://www.in.gov/idem/resources/citizens-guide-to-idem/>.

**Appendix A: Emissions Calculations
Emission Summary**

Company Name: Pine Cone Recycling
Source Address: 59697 CR 7 Elkhart, Indiana 46517
Permit Number: F039 47383 00852
Reviewer: Mehul Sura

Uncontrolled and Unlimited Potential Emissions (tons/year)										
Emission Units/IDs	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Total HAP	Worst Single HAP	
Receiving Station	0.53	0.193	0.193	---	---	---	---	---	---	---
Shredder (SH-1)	52.12	26.06	13.03	---	---	---	---	---	---	---
Grinder #1 (GR-1)	117.31	90.59	84.08	---	---	---	---	---	---	---
Hammermill #1 (HM-1)	26.06	13.03	6.52	---	---	---	---	---	---	---
Grinder #2 (GR-2)	26.06	13.03	6.52	---	---	---	---	---	---	---
Hammermill #2 (HM-2)	26.06	13.03	6.52	---	---	---	---	---	---	---
Gypsum Drop	0.20	0.10	0.014	---	---	---	---	---	---	---
Conveying of Sawdust (CONVEY)	0.89	0.33	0.33	---	---	---	---	---	---	---
Loading of Sawdust (LOAD)	0.45	0.16	0.16	---	---	---	---	---	---	---
Natural Gas Combustion Unit (COMBUST)	0.02	0.07	0.07	0.01	0.86	0.05	0.72	0.02	0.02	Hexane
Total PTE of Entire Source Excluding Fugitives	249.70	156.59	117.42	0.01	0.86	0.05	0.72	0.02	0.02	Hexane
<i>Fugitive</i>										
Unpaved Roads	20.78	5.54	0.55	---	---	---	---	---	---	---

Controlled and Limited Potential Emissions (tons/year)											
Emission Units/IDs	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Total HAP	Worst Single HAP		
Receiving Station	0.329	15.0 *	15.0 *	---	---	---	---	---	---	---	
Shredder (SH-1)	4.170			---	---	---	---	---	---	---	---
Grinder #1 (GR-1)	4.50			---	---	---	---	---	---	---	---
Hammermill #1 (HM-1)	1.46			---	---	---	---	---	---	---	---
Grinder #2 (GR-2)	1.46			---	---	---	---	---	---	---	---
Hammermill #2 (HM-2)	1.46			---	---	---	---	---	---	---	---
Gypsum - Drop (inside manufacturing building)	0.08	0.04	0.006	---	---	---	---	---	---	---	
Wood - Drop #1	0.31	0.11	0.11	---	---	---	---	---	---	---	
Wood - Drop #2	0.31	0.11	0.11	---	---	---	---	---	---	---	
Loading of Sawdust (LOAD)	0.31	0.11	0.11	---	---	---	---	---	---	---	
Natural Gas Combustion Unit (COMBUST)	0.02	0.07	0.07	0.01	0.86	0.05	0.72	0.02	0.02	Hexane	
Total PTE of Entire Source Excluding Fugitives	14.40	15.45	15.41	0.01	0.86	0.05	0.72	0.02	0.02	Hexane	
<i>Fugitive</i>											
Unpaved Roads	10.39	2.77	0.28	---	---	---	---	---	---	---	

* Permit Limits.

**Appendix A: Emissions Calculations
Gypsum Drop**

Company Name: Pine Cone Recycling
Source Address: 59697 CR 7 Elkhart, Indiana 46517
Permit Number: F039 47383 00852
Reviewer: Mehul Sura

Truck Dumping Stations

$$E = k(0.0032) * (U/5)^{1.3} / (M/2)^{1.4}$$

E = Emission Factor (lbs/ton)
 k = 0.74 particle size multiplier for PM
 0.35 particle size multiplier for PM₁₀
 0.053 particle size multiplier for PM_{2.5}
 U = 10 mean wind speed (mph)
 M = 1.0 material moisture content (fraction)

PM Emission Factor:

E = 1.54E-02 lb/ton

PM₁₀ Emission Factor:

E = 7.28E-03 lb/ton

PM_{2.5} Emission Factor:

E = 1.10E-03 lb/ton

	lb/hr	tons/yr
Unlimited Gypsum Drop	6,000	26,280
Annual limited amount of gypsum =	2,500	10,950

	PM	PM ₁₀	PM _{2.5}
Emission Factor (lb/ton)	1.54E-02	7.28E-03	1.10E-03
PTE (Unlimited) tons/yr	0.20	0.10	0.014
PTE Gypsum Drop (tons/yr)	0.08	0.04	0.0060
Total PTE	0.08	0.04	0.01

Note:

Emission factors from AP-42, Chapter 13.2.4 Aggregate Handling And Storage Piles
 All drywall waste is processed through one grinder only.

Methodology:

PM, PM₁₀, PM_{2.5} Emission Factors (lbs/ton) = particle size multiplier for PM/PM₁₀/PM_{2.5} x 0.0032 x (mean wind speed (mph) / 5)^{1.3} x (material moisture content (%) / 2)^{1.4}

Potential PM Emissions (tons/year) = Emission factor (lb/ton) * Gypsum drop (tons/yr) / 2000 (lbs/ton)

Appendix A - Emission Calculations

Company Name: Rice Creek Recycling
Source Address: 5857 CR 17000 Volume 4817
Permit Number: 010-1314-10005

Table with 12 columns: Process, PM Emission Factor, PM10 Emission Factor, PM2.5 Emission Factor, Maximum Process Capacity, Maximum Process Capacity, Fugitive PM Emissions, Fugitive PM10 Emissions, Fugitive PM2.5 Emissions, Control Efficiency, Fugitive PM Emissions, Fugitive PM10 Emissions, Fugitive PM2.5 Emissions. Includes a sub-table for PM10 and PM2.5 emissions.

Notes: The emissions table will include... The actual amount of wood waste is 100% enclosed through the enclosed structure... The ground water is further processed in the 100% enclosed barnyards which are under negative air pressure...

Table with 12 columns: Process, PM Emission Factor, PM10 Emission Factor, PM2.5 Emission Factor, Maximum Process Capacity, Maximum Process Capacity, Fugitive PM Emissions, Fugitive PM10 Emissions, Fugitive PM2.5 Emissions, Control Efficiency, Fugitive PM Emissions, Fugitive PM10 Emissions, Fugitive PM2.5 Emissions.

Notes: The emissions table will include... The actual amount of wood waste is 100% enclosed through the enclosed structure... The ground water is further processed in the 100% enclosed barnyards which are under negative air pressure...

Total Limited Throughput: 600 lbs
Limited Throughput: 2000 lbs
Maximum of 600 lbs limited to: 2000 lbs

Table with 12 columns: Process, PM Emission Factor, PM10 Emission Factor, PM2.5 Emission Factor, Maximum Process Capacity, Maximum Process Capacity, Fugitive PM Emissions, Fugitive PM10 Emissions, Fugitive PM2.5 Emissions, Control Efficiency, Fugitive PM Emissions, Fugitive PM10 Emissions, Fugitive PM2.5 Emissions.

Notes: The emissions table will include... The actual amount of wood waste is 100% enclosed through the enclosed structure... The ground water is further processed in the 100% enclosed barnyards which are under negative air pressure...

Table with 12 columns: Process, PM Emission Factor, PM10 Emission Factor, PM2.5 Emission Factor, Maximum Process Capacity, Maximum Process Capacity, Fugitive PM Emissions, Fugitive PM10 Emissions, Fugitive PM2.5 Emissions, Control Efficiency, Fugitive PM Emissions, Fugitive PM10 Emissions, Fugitive PM2.5 Emissions.

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Notes: The emissions table will include... The actual amount of wood waste is 100% enclosed through the enclosed structure... The ground water is further processed in the 100% enclosed barnyards which are under negative air pressure...

Table with 12 columns: Process, PM Emission Factor, PM10 Emission Factor, PM2.5 Emission Factor, Maximum Process Capacity, Maximum Process Capacity, Fugitive PM Emissions, Fugitive PM10 Emissions, Fugitive PM2.5 Emissions, Control Efficiency, Fugitive PM Emissions, Fugitive PM10 Emissions, Fugitive PM2.5 Emissions.

Notes: The emissions table will include... The actual amount of wood waste is 100% enclosed through the enclosed structure... The ground water is further processed in the 100% enclosed barnyards which are under negative air pressure...

Table with 12 columns: Process, PM Emission Factor, PM10 Emission Factor, PM2.5 Emission Factor, Maximum Process Capacity, Maximum Process Capacity, Fugitive PM Emissions, Fugitive PM10 Emissions, Fugitive PM2.5 Emissions, Control Efficiency, Fugitive PM Emissions, Fugitive PM10 Emissions, Fugitive PM2.5 Emissions.

Notes: The emissions table will include... The actual amount of wood waste is 100% enclosed through the enclosed structure... The ground water is further processed in the 100% enclosed barnyards which are under negative air pressure...

Table with 4 columns: Emission Type, Value, Emission Type, Value. Shows Total Uncontrolled and Total Controlled emissions for various pollutants.

Table with 4 columns: Emission Type, Value, Emission Type, Value. Shows Total Uncontrolled and Total Controlled emissions for various pollutants.

Table with 4 columns: Process, Process Throughput, Daily Allowable PM Emission, Daily Allowable PM Emission. Lists processes like Line #1, Line #2, and CONVEY.

Notes: Emission factor based on the maximum capacity of the emission source... Daily Allowable PM Emission based on the maximum process throughput capacity... Airborne PM Emission based on the maximum process throughput capacity...

Appendix A: Emissions Calculations
Receiving

Company Name: Pine Cone Recycling
Source Address: 59697 CR 7 Elkhart, Indiana 46517
Permit Number: F039 47383 00852
Reviewer: Mehul Sura

Unlimited Truck Unloading (onto tipping floor inside building)						Uncontrolled Unlimited Potential Emissions						Controlled Unlimited Potential Emissions						
Process	PM Emission Factor (lb/ton)	PM-10 Emission Factor (lb/ton)	PM-2.5 Emission Factor (lb/ton)	Maximum Process Capacity (lb/hr)	Maximum Process Capacity (ton/hr)	Potential PM Emissions (lb/hr)	Potential PM Emissions (ton/yr)	Potential PM-10 Emissions (lb/hr)	Potential PM-10 Emissions (ton/yr)	Potential PM-2.5 Emissions (lb/hr)	Potential PM-2.5 Emissions (ton/yr)	Control Efficiency	Potential PM Emissions (lb/hr)	Potential PM Emissions (ton/yr)	Potential PM-10 Emissions (lb/hr)	Potential PM-10 Emissions (ton/yr)	Potential PM-2.5 Emissions (lb/hr)	Potential PM-2.5 Emissions (ton/yr)
Drop of Material onto Processing Building Floor	0.0030	0.0011	0.0011	80,000	40.00	0.12	0.526	0.044	0.19	0.044	0.193	0%	0.12	0.53	0.04	0.19	0.044	0.19

Methodology

Uncontrolled Potential PM Emissions (lb/hr) = Maximum Process Capacity (ton/hr) x PM Emission Factor (lb/ton)
 Uncontrolled Potential PM Emissions (ton/yr) = Uncontrolled Potential PM Emissions (lb/hr) x (8,760 hr/yr) x (2,000 lb/ton)
 Uncontrolled Potential PM-10/PM-2.5 Emissions (lb/hr) = Maximum Process Capacity (ton/hr) x PM-10/PM-2.5 Emission Factor (lb/ton)
 Uncontrolled Potential PM-10/PM-2.5 Emissions (ton/yr) = Uncontrolled Potential PM-10/PM-2.5 Emissions (lb/hr) x (8,760 hr/yr) x (2,000 lb/ton)
 PM, PM-10, and PM-2.5 emissions are estimated using emission factors from AP-42 Chapter 11.19.2, Table 11.19.2-2 (8/04). Assume PM-10 = PM-2.5.

Limited Truck Unloading (onto tipping floor inside building)						Uncontrolled Limited Potential Emissions						Controlled Limited Potential Emissions						
Process	PM Emission Factor (lb/ton)	PM-10 Emission Factor (lb/ton)	PM-2.5 Emission Factor (lb/ton)	Maximum Process Capacity (lb/hr)	Maximum Process Capacity (ton/hr)	Potential PM Emissions (lb/hr)	Potential PM Emissions (ton/yr)	Potential PM-10 Emissions (lb/hr)	Potential PM-10 Emissions (ton/yr)	Potential PM-2.5 Emissions (lb/hr)	Potential PM-2.5 Emissions (ton/yr)	Control Efficiency	Potential PM Emissions (lb/hr)	Potential PM Emissions (ton/yr)	Potential PM-10 Emissions (lb/hr)	Potential PM-10 Emissions (ton/yr)	Potential PM-2.5 Emissions (lb/hr)	Potential PM-2.5 Emissions (ton/yr)
Drop of Material onto Processing Building Floor	0.0030	0.0011	0.0011	50,000	25.00	0.08	0.329	0.028	0.12	0.028	0.120	0%	0.08	0.33	0.03	0.12	0.028	0.12

Notes

Maximum process capacity is based upon the equipment manufacturer's design rating of 20 tons/hr for each line (this equates to a total maximum throughput of 960 tons/day).
 Facility permit to be issued by IDEM will include a design limit of 600 tons/day, which is equivalent to 25 tons/hr total throughput of all waste materials combined. Assume this amount of waste is received at the site to match production demand.
 PM, PM-10, and PM-2.5 emissions based on AP-42 Table 11.19.2-2

**Appendix A: Emissions Calculations
Natural Gas-Fired Combustion**

Company Name: Pine Cone Recycling
Source Address: 59697 CR 7 Elkhart, Indiana 46517
Permit Number: F039 47383 00852
Reviewer: Mehul Sura

Heat Input Capacity (MMBtu/hr)	Description of Natural Gas-Fired Combustion Unit (Unit ID #)
1.00	Building Heater #1
1.00	Building Heater #2

Heat Input Capacity MMBtu/hr	HHV mmBtu mmscf	Potential Throughput MMCF/yr
2.00	1020	17.18

Emission Factor in lb/MMCF	Pollutant						
	PM*	PM10*	direct PM2.5*	SO2	NOx	VOC	CO
	1.9	7.6	7.6	0.6	100	5.5	84
					**see below		
Potential Emission in tons/yr	0.02	0.07	0.07	0.01	0.86	0.05	0.72

*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

Hazardous Air Pollutants (HAPs)

	HAPs - Organics					
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene	Total - Organics
Emission Factor in lb/MMcf	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03	
Potential Emission in tons/yr	1.8E-05	1.0E-05	6.4E-04	0.02	2.9E-05	0.02

	HAPs - Metals					
	Lead	Cadmium	Chromium	Manganese	Nickel	Total - Metals
Emission Factor in lb/MMcf	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03	
Potential Emission in tons/yr	4.3E-06	9.4E-06	1.2E-05	3.3E-06	1.8E-05	4.7E-05

Methodology is the same as above.

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

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

Total HAPs	0.02
Worst HAP	0.02

Appendix A: Emissions Calculations
Unpaved Roads

Company Name: Pine Cone Recycling
Source Address: 59697 CR 7 Elkhart, Indiana 46517
Permit Number: F039 47383 00852
Reviewer: Mehul Sura

Unpaved Roads at Industrial Site

The following calculations determine the amount of emissions created by unpaved roads, based on 8,760 hours of use and AP-42, Ch 13.2.2 (11/2006).

Vehicle Information (provided by source)

Type	Maximum number of vehicles	Number of one-way trips per day per vehicle	Maximum trips per day (trip/day)	Maximum Weight Loaded (tons/trip)	Total Weight driven per day (ton/day)	Maximum one-way distance (feet/trip)	Maximum one-way distance (mi/trip)	Maximum one-way miles (miles/day)	Maximum one-way miles (miles/yr)
Vehicles (entering plant) (one-way trip)	120.0	1.0	120.0	5.0	600.0	1300	0.246	29.5	10,784.1
Vehicles (leaving plant) (one-way trip)	60.0	1.0	60.0	6.0	360.0	1300	0.246	14.8	5,392.0
Totals			180.0		960.0			44.3	16,176.1

Average Vehicle Weight Per Trip = 5.3 tons/trip
Average Miles Per Trip = 0.25 miles/trip

Unmitigated Emission Factor, $E_f = k \cdot [(s/12)^a] \cdot [(W/3)^b]$ (Equation 1a from AP-42 13.2.2)

	PM	PM10	PM2.5	
where k =	4.9	1.5	0.15	lb/mi = particle size multiplier (AP-42 Table 13.2.2-2 for Industrial Roads)
s =	6.0	6.0	6.0	% = mean % silt content of unpaved roads (AP-42 Table 13.2.2-1 Iron and Steel Production)
a =	0.7	0.9	0.9	= constant (AP-42 Table 13.2.2-2 for Industrial Roads)
W =	5.3	5.3	5.3	tons = average vehicle weight (provided by source)
b =	0.45	0.45	0.45	= constant (AP-42 Table 13.2.2-2 for Industrial Roads)

Taking natural mitigation due to precipitation into consideration, Mitigated Emission Factor, $E_{ext} = E \cdot [(365 - P)/365]$ (Equation 2 from AP-42 13.2.2)

Mitigated Emission Factor, $E_{ext} = E \cdot [(365 - P)/365]$
where P = 125 days of rain greater than or equal to 0.01 inches (see Fig. 13.2.2-1)

	PM	PM10	PM2.5	
Unmitigated Emission Factor, $E_f =$	3.91	1.04	0.10	lb/mile
Mitigated Emission Factor, $E_{ext} =$	2.57	0.68	0.07	lb/mile
Dust Control Efficiency =	50%	50%	50%	(pursuant to dust suppression measures outlined in solid waste processing facility permit application)

Process	Mitigated PTE of PM (Before Control) (tons/yr)	Mitigated PTE of PM10 (Before Control) (tons/yr)	Mitigated PTE of PM2.5 (Before Control) (tons/yr)	Mitigated PTE of PM (After Control) (tons/yr)	Mitigated PTE of PM10 (After Control) (tons/yr)	Mitigated PTE of PM2.5 (After Control) (tons/yr)
Vehicles (entering plant) (one-way trip)	13.85	3.69	0.37	6.93	1.85	0.18
Vehicles (leaving plant) (one-way trip)	6.93	1.85	0.18	3.46	0.92	0.09
Totals	20.78	5.54	0.55	10.39	2.77	0.28

Methodology:

Total Weight driven per day (ton/day) = [Maximum Weight Loaded (tons/trip)] * [Maximum trips per day (trip/day)]
Maximum one-way distance (mi/trip) = [Maximum one-way distance (feet/trip)] / [5280 ft/mile]
Maximum one-way miles (miles/day) = [Maximum trips per year (trip/day)] * [Maximum one-way distance (mi/trip)]
Average Vehicle Weight Per Trip (ton/trip) = SUM[Total Weight driven per day (ton/day)] / SUM[Maximum trips per day (trip/day)]
Average Miles Per Trip (miles/trip) = SUM[Maximum one-way miles (miles/day)] / SUM[Maximum trips per year (trip/day)]
Mitigated PTE (Before Control) (tons/yr) = (Maximum one-way miles (miles/yr)) * (Mitigated Emission Factor (lb/mile)) * (ton/2000 lbs)
Mitigated PTE (After Control) (tons/yr) = (Mitigated PTE (Before Control) (tons/yr)) * (1 - Dust Control Efficiency)

Abbreviations

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

Note:

The source is not subject to 326 IAC 6-5 because the potential fugitive PM emissions are less than 25 tons/yr. Therefore, no fugitive dust control plan is required.
The source is subject to 326 IAC 6-4 because vehicle traffic on unpaved roads does have the potential to emit fugitive PM emissions. The source will not allow fugitive dust to escape beyond the property lines.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

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

TO: Robert Anderson
Pine Cone Recycling LLC
59697 CR 7
Elkhart, IN 46517

DATE: June 28, 2024

FROM: Jenny Acker, Branch Chief
Permits Branch
Office of Air Quality

SUBJECT: Final Decision
FESOP Renewal
039-47383-00852

This notice is to inform you that a final decision has been issued for the air permit application referenced above.

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. In addition, the Notice of Decision has been sent to the OAQ Permits Branch Interested Parties List and, if applicable, the Consultant/Agent and/or Responsible Official/Authorized Individual.

The final decision and supporting materials are available electronically; the original signature page is enclosed for your convenience. The final decision and supporting materials available electronically at:

IDEM's online searchable database: <http://www.in.gov/apps/idem/caats/> . Choose Search Option **by Permit Number**, then enter permit 47383

and

IDEM's Virtual File Cabinet (VFC): <https://www.in.gov/idem>. Enter VFC in the search box, then search for permit documents using a variety of criteria, such as Program area, date range, permit #, Agency Interest Number, or Source ID.

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, or have difficulty accessing the documents online, 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 8/20/20-acces via website



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Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

June 28, 2024

TO: Elkhart Public Library - Pierre Moran Branch

From: Jenny Acker, Branch Chief
Permits Branch
Office of Air Quality

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

Applicant Name: Pine Cone Recycling LLC
Permit Number: 039-47383-00852

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 1/9/2017



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Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

June 28, 2024
Pine Cone Recycling LLC
039-47383-00852

To: Interested Parties

This notice is to inform you that a final decision has been issued for the air permit application referenced above. This notice is for informational purposes only. You are not required to take any action.

You are receiving this notice because you asked to be on IDEM's notification list for this company and/or county; or because your property is nearby the company being permitted; or because you represent a local/regional government entity.

The enclosed Notice of Decision Letter provides additional information about the final permit decision.

The final decision and supporting materials are available electronically at:

IDEM's online searchable database: <http://www.in.gov/apps/idem/caats/> . Choose Search Option by Permit Number, then enter permit 47383

and

IDEM's Virtual File Cabinet (VFC): <https://www.in.gov/idem>. Enter VFC in the search box, then search for permit documents using a variety of criteria, such as Program area, date range, permit #, Agency Interest Number, or Source ID.

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.

Please Note: *If you would like to be removed from the Air Permits mailing list, please contact Joanne Smiddie-Brush with the Air Permits Administration Section at 1-800-451-6027, ext. 3-0185 or via e-mail at JBRUSH@IDEM.IN.GOV. If you have recently moved and this Notice has been forwarded to you, please notify us of your new address and if you wish to remain on the mailing list. Mail that is returned to IDEM by the Post Office with a forwarding address in a different county will be removed from our list unless otherwise requested.*

Enclosure
Final Interested Parties Cover Letter 10/13/2023

Mail Code 61-53 Page 1 of 12

IDEM Staff	CMOSIER 6/28/2024 Pine Cone Recycling LLC 039-47383-00852 (final)		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
1		Robert Anderson Pine Cone Recycling LLC 59697 CR 7 Elkhart IN 46517 (Source CAATS) via UPS										
2		Kyle Woolsey District Manager Pine Cone Recycling LLC 1601 W Beardsley Ave Elkhart IN 46514 (RO CAATS)										
3		Elkhart City Council and Mayors Office 229 S Second St Elkhart IN 46516 (Local Official)										
4		Elkhart County Health Department 608 Oakland Ave Elkhart IN 46516 (Health Department)										
5		Elkhart County Board of Commissioners 117 N 2nd St Goshen IN 46526 (Local Official)										
6		Elkhart Public Library - Pierre Moran Branch 2400 Benham Ave Elkhart IN 46517 (Library)										
7		Jeri Seely The Mail-Journal PO Box 188 Milford IN 46542 (Affected Party)										
8		Mr. Roger Schneider The Goshen News 114 S Main St Goshen IN 46526 (Affected Party)										
9		Joe VanCamp BCA Environmental Consultants LLC 212 S Main St Goshen IN 46526 (Consultant)										
10		Melvin Hines 59811 CR 7 Elkhart IN 46515 (Affected Party)										
11		Milton Eugene & Jean Wogoman Or Current Resident 59462 CR 7 Elkhart IN 46515 (Affected Party)										
12		Mario A Martinez 59216 CR 7 Elkhart IN 46515 (Affected Party)										
13		Steven & Anna Truex 27116 CR 26 Elkhart IN 46515 (Affected Party)										
14		Mast Property LLC 60173 CR 7 Elkhart IN 46515 (Affected Party)										
15		David R & Carolyn Vollmar Bent Oak Home Owners Association 3701 St Andrews Pl Elkhart IN 46517 (Affected Party)										

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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Mail Code 61-53 Page 2 of 12

IDEM Staff	CMOSIER 6/28/2024 Pine Cone Recycling LLC 47383 (draft/final)			AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender	▶	Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: CERTIFICATE OF MAILING ONLY	

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee
											Remarks
1		Charles & Deborah 3922 Doral Ln Elkhart IN 46517 (Affected Party)									
2		EJ & Sandra Raholin 3935 Sawgrass Cove Elkhart IN 46517 (Affected Party)									
3		Bill & Cheri James 3927 Sawgrass Cove Elkhart IN 46517 (Affected Party)									
4		Jan Lange Or Current Resident 3923 Sawgrass Cove Elkhart IN 46517 (Affected Party)									
5		Alexander Velichkin & Natalia Vins 3919 Doral Ln Elkhart IN 46517 (Affected Party)									
6		Rita Berndt 3901 Doral Ln Elkhart IN 46517 (Affected Party)									
7		Jerry Buss Or Current Resident 3905 Doral Ln Elkhart IN 46517 (Affected Party)									
8		Greg & Judy Leigh 3931 Sawgrass Cove Elkhart IN 46517 (Affected Party)									
9		John Lemley 3932 Doral Ln Elkhart IN 46517 (Affected Party)									
10		Hector Lopez 3951 Doral Ln Elkhart IN 46517 (Affected Party)									
11		Dave & Vikki Titus 3913 Doral Ln Elkhart IN 46517 (Affected Party)									
12		Bruce Zimmerman 3909 Doral Ln Elkhart IN 46517 (Affected Party)									
13		Jim Dowels 3819 St Andrews Pl Elkhart IN 46517 (Affected Party)									
14		Douglas & Barbara Suter 3724 St Andrews Pl Elkhart IN 46517 (Affected Party)									
15		Shanna Katzman 3815 St Andrews Pl Elkhart IN 46517 (Affected Party)									

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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Mail Code 61-53 Page 3 of 12

IDEM Staff	CMOSIER 6/28/2024 Pine Cone Recycling LLC 47383 (draft/final)			AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: CERTIFICATE OF MAILING ONLY	

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee
											Remarks
1		Timothy Grolick & 3823 St Andrews Pl Elkhart IN 46517 (Affected Party)									
2		Brock Everts 3821 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
3		Billy & Kayla Dalton 3814 St Andrews Pl Elkhart IN 6517 (Affected Party)									
4		Tim & Teri Hooley 3703 St Andrews Pl Elkhart IN 46517 (Affected Party)									
5		S. Reinhold 3529 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
6		John Skipper 3525 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
7		Eric Lebold 3803 St Andrews Pl Elkhart IN 46517 (Affected Party)									
8		William & Amy Battisti 3809 St Andrews Pl Elkhart IN 46517 (Affected Party)									
9		Edwin Monroy 2201 Morehouse Ave Elkhart IN 46517 (Affected Party)									
10		Antonio & Marianne Ortega 3720 St Andrews Pl Elkhart IN 46517 (Affected Party)									
11		Benjamin & Cheryl Hartman 3715 St Andrews Pl Elkhart IN 46517 (Affected Party)									
12		Mary Coari 3712 St Andrews Pl Elkhart IN 46517 (Affected Party)									
13		John & Judy Soli 3707 St Andrews Pl Elkhart IN 46517 (Affected Party)									
14		John & Susan Anderson 3723 St Andrews Pl Elkhart IN 46517 (Affected Party)									
15		Trevayne Wilson 3729 St Andrews Pl Elkhart IN 46517 (Affected Party)									

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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Mail Code 61-53 Page 4 of 12

IDEM Staff	CMOSIER 6/28/2024 Pine Cone Recycling LLC 47383 (draft/final)			AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender	▶	Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: CERTIFICATE OF MAILING ONLY	

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee
											Remarks
1		Regan & Kathy 3711 St Andrews Pl Elkhart IN 46517 (Affected Party)									
2		Wesley Kautzmann 3815 St Andrews Pl Elkhart IN 46517 (Affected Party)									
3		Linda Downs 3819 St Andrews Pl Elkhart IN 46517 (Affected Party)									
4		Tonya Barany 3525 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
5		Ronald Dehaven 3523 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
6		John & Roberta Mayger 3513 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
7		Meg Swindler & Jackie Cuzzocrea 3511 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
8		Jerry & Carolyn Speckman 3612 Oak Ridge Dr Elkhart IN 46517 (Affected Party)									
9		Thelma Smith 3601 Bent Oak Trl, Unit I Elkhart IN 46517 (Affected Party)									
10		Richard Cortez Jackson 3601 Bent Oak Trl, Unit B Elkhart IN 46517 (Affected Party)									
11		Kerie Sekal 3601 Bent Oak Trl, Unit C Elkhart IN 46517 (Affected Party)									
12		Joyce Rowland 3601 Bent Oak Trl, Unit H Elkhart IN 46517 (Affected Party)									
13		Carol McCreary 3517 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
14		Robert & Theresa Kiefer 3515 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
15		Ron Davis & Sonia Hadley-Davis 3716 St Andrews Pl Elkhart IN 46517 (Affected Party)									

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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Mail Code 61-53 Page 5 of 12

IDEM Staff	CMOSIER 6/28/2024 Pine Cone Recycling LLC 47383 (draft/final)			AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
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											Remarks
1		Miranda 3803 St Andrews Pl Elkhart IN 46517 (Affected Party)									
2		Gary & Judi Keaffaber 3964 Doral Ln Elkhart IN 46517 (Affected Party)									
3		Kerry Kreiner 3972 Doral Ln Elkhart IN 46517 (Affected Party)									
4		Maher, Safa & Sara Albaba 3709 Augusta Ln Elkhart IN 46517 (Affected Party)									
5		Robert & Kelly Puster 3811 Augusta Ln Elkhart IN 46517 (Affected Party)									
6		Michael Hunter 3818 Augusta Ln Elkhart IN 46517 (Affected Party)									
7		Gary & Julie Davis 3822 Augusta Ln Elkhart IN 46517 (Affected Party)									
8		Bruce & Lupe Troyer 4000 Augusta Ln Elkhart IN 46517 (Affected Party)									
9		Richard & Lisa Lebold 4007 Augusta Ln Elkhart IN 46517 (Affected Party)									
10		Roger & Nichole Miller Or Current Resident 4010 Augusta Ln Elkhart IN 46517 (Affected Party)									
11		Greg & Kendra Lebold 4004 Augusta Ln Elkhart IN 46517 (Affected Party)									
12		Gayle Gonser 3904 Augusta Ln Elkhart IN 46517 (Affected Party)									
13		Donnie & Verna Dickey 3700 St Andrews Pl Elkhart IN 46517 (Affected Party)									
14		Ken & Diana Howard 3905 Augusta Ln Elkhart IN 46517 (Affected Party)									
15		Robert B & Margaret Sutkus 3914 Augusta Ln Elkhart IN 46517 (Affected Party)									

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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Mail Code 61-53 Page 6 of 12

IDEM Staff	CMOSIER 6/28/2024 Pine Cone Recycling LLC 47383 (draft/final)			AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
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Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee
											Remarks
1		Pietro & Nila 3918 Augusta Ln Elkhart IN 46517 (Affected Party)									
2		Gloria Gour 3922 Augusta Ln Elkhart IN 46517 (Affected Party)									
3		Ray & Ellen Blythe Or Current Resident 4011 Augusta Ln Elkhart IN 46517 (Affected Party)									
4		F Edward & Susan Freel 3921 Augusta Ln Elkhart IN 46517 (Affected Party)									
5		Kathi Bejma 3818 Augusta Ln Elkhart IN 46517 (Affected Party)									
6		Gurmeet Kaur 3815 Augusta Ln Elkhart IN 46517 (Affected Party)									
7		Imran Khan 3722 Augusta Ln Elkhart IN 46517 (Affected Party)									
8		Dwight & Kelly Luna 3704 Augusta Ln Elkhart IN 46517 (Affected Party)									
9		Blake & Julie Walters 3705 Augusta Ln Elkhart IN 46517 (Affected Party)									
10		Jon & Kate Leaman 3721 St Andrews Pl Elkhart IN 46517 (Affected Party)									
11		Scott & Daniela Leavitt 3510 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
12		Paul & Margaret Mamocha 3607 Oak Ridge Dr Elkhart IN 46517 (Affected Party)									
13		Kelly Berheide 3719 Oak Ridge Dr Elkhart IN 46517 (Affected Party)									
14		Wayne A Rowe Or Current Resident 3726 Oak Ridge Dr Elkhart IN 46517 (Affected Party)									
15		Tess Schmidt 3710 Oak Ridge Dr Elkhart IN 46517 (Affected Party)									

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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Mail Code 61-53 Page 7 of 12

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											Remarks
1		John & Jean 3706 Oak Ridge Dr Elkhart IN 46517 (Affected Party)									
2		Doug & LuAnn Steury 19728 CR 142 New Paris IN 46553 (Affected Party)									
3		Duane & Rebecca Roach 3727 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
4		Clara McDaniel 3901 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
5		Ryan & Brittany Zanotti 3725 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
6		Robert & Cindy Boucek 3709 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
7		Chris & Dawn Curtis 3803 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
8		Julie Hayes 3905 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
9		Amberly Leer & Brian Sampers 3713 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
10		Bonnie Hurtekant 3815 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
11		Jim & Heidi Bigler 3621 Oak Ridge Dr Elkhart IN 46517 (Affected Party)									
12		Cathryn Replogle 3701 Oak Ridge Dr Elkhart IN 46517 (Affected Party)									
13		Dave & Cheryl Reed 3707 Oak Ridge Dr Elkhart IN 46517 (Affected Party)									
14		Will Troyer 3709 Oak Ridge Dr Elkhart IN 46517 (Affected Party)									
15		Gabino & Erica Aguilar 3715 Oak Ridge Dr Elkhart IN 46517 (Affected Party)									

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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Mail Code 61-53 Page 8 of 12

IDEM Staff	CMOSIER 6/28/2024 Pine Cone Recycling LLC 47383 (draft/final)			AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
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Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
1		L.G. 3737 Oak Ridge Dr Elkhart IN 46517 (Affected Party)										
2		H Schaff 3720 Oak Ridge Dr Elkhart IN 46517 (Affected Party)										
3		Chris & Rachel Knafel 3628 Oak Ridge Dr Elkhart IN 46517 (Affected Party)										
4		Jonathan & Victoria Girard 3622 Oak Ridge Dr Elkhart IN 46517 (Affected Party)										
5		Brad Bell & Kenneth McGhan 3616 Oak Ridge Dr Elkhart IN 46517 (Affected Party)										
6		Bill & Laura Marcin 3600 Oak Ridge Dr Elkhart IN 46517 (Affected Party)										
7		Rito Islas 3540 Oak Ridge Dr Elkhart IN 46517 (Affected Party)										
8		Billy & Laura Asbury 3526 Oak Ridge Dr Elkhart IN 46517 (Affected Party)										
9		Chris & Melissa Huffer 3722 Oak Ridge Dr Elkhart IN 46517 (Affected Party)										
10		Jessica Richard 60220 CR 7 Elkhart IN 46517 (Affected Party)										
11		Stan & Brenda Wogoman 59462 CR 7 Elkhart IN 46517 (Affected Party)										
12		Roger & June Schreiner 59414 CR 7 Elkhart IN 46517 (Affected Party)										
13		Roger & Pavlynn Pletcher Or Current Resident 48775 CR 7 Elkhart IN 46517 (Affected Party)										
14		Brad Schroeder & Richard Kidder 3608 Oak Ridge Dr Elkhart IN 46517 (Affected Party)										
15		Nick & Kristi Avery 3910 Augusta Ln Elkhart IN 46517 (Affected Party)										

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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Mail Code 61-53 Page 9 of 12

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											Remarks
1		Sean 3814 Augusta Ln Elkhart IN 46517 (Affected Party)									
2		Fred & Janet Shrock 3800 Augusta Ln Elkhart IN 46517 (Affected Party)									
3		Tony & Anne Hemminger 3701 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
4		Chad & Danielle Carlson 3704 St Andrews Pl Elkhart IN 46517 (Affected Party)									
5		Mike & Judy Fair 3814 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
6		Ron & Sue Konopinski 3824 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
7		Frank & Carolyn OKeefe 3806 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
8		Michael & Annmarie Faloon 3724 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
9		Mike & Jane Wise Or Current Resident 3720 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
10		Robert Brown 3710 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
11		Balinda Shanholt, Paula Sherbley & Willard Snyder 3610 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
12		Greg Lakne 3512 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
13		Dave & Syd Troyer 3914 Doral Ln Elkhart IN 46517 (Affected Party)									
14		Ron & Sherry Sumrak 3988 Doral Ln Elkhart IN 46517 (Affected Party)									
15		Bob & Dauna Harwood 3949 Doral Ln Elkhart IN 46517 (Affected Party)									

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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Mail Code 61-53 Page 10 of 12

IDEM Staff	CMOSIER 6/28/2024 Pine Cone Recycling LLC 47383 (draft/final)			AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
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Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee
											Remarks
1		Gene & Virginia 4007 Doral Ln Elkhart IN 46517 (Affected Party)									
2		John & Joyce Dregits 4010 Doral Ln Elkhart IN 46517 (Affected Party)									
3		Charlett Kozelka 4008 Doral Ln Elkhart IN 46517 (Affected Party)									
4		Janet Sili 3996 Doral Ln Elkhart IN 46517 (Affected Party)									
5		John & Judy Danaher 3992 Doral Ln Elkhart IN 46517 (Affected Party)									
6		Mike & Kathy Wentzel 3976 Doral Ln Elkhart IN 46517 (Affected Party)									
7		Dennis & Rita Tucker 3969 Doral Ln Elkhart IN 46517 (Affected Party)									
8		Robert & Georgia Slabaugh 4009 Doral Ln Elkhart IN 46517 (Affected Party)									
9		Gerald Trolz 3714 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
10		Francis M & Maureen M Lima 3803 Augusta Ln Elkhart IN 46517 (Affected Party)									
11		James & Karen Beattie 3730 Augusta Ln Elkhart IN 46517 (Affected Party)									
12		John R & Darlene Stewart 4015 Augusta Ln Elkhart IN 46517 (Affected Party)									
13		Krystal Clark & Kris Littler 3716 Augusta Ln Elkhart IN 46517 (Affected Party)									
14		Richard, Elaine & Katie Pyle 3708 Augusta Ln Elkhart IN 46517 (Affected Party)									
15		Kenton & Emily Hostetter 3717 Augusta Ln Elkhart IN 46517 (Affected Party)									

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Mail Code 61-53 Page 11 of 12

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Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee
											Remarks
1		Tom & Vicki 3723 Augusta Ln Elkhart IN 46517 (Affected Party)									
2		Nick & Courtney Cherrone 3727 Augusta Ln Elkhart IN 46517 (Affected Party)									
3		Bob & Carly Ullery 3819 Augusta Ln Elkhart IN 46517 (Affected Party)									
4		David L & Rosetta F Everett 3728 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
5		B Kae & Cleo Betts 3706 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
6		Donald R & Karen Schnoebelen 3808 Augusta Ln Elkhart IN 46517 (Affected Party)									
7		Aimee Mishler 3601 Bent Oak Trl, Unit D Elkhart IN 46517 (Affected Party)									
8		Rick & Rebecca Jones 3601 Bent Oak Trl, Unit A Elkhart IN 46517 (Affected Party)									
9		Jeff Eaton Or Current Resident 38920 Paddington Ln South Bend IN 46614 (Affected Party)									
10		Chris Snyder Or Current Resident 23404 Crestwood Dr Elkhart IN 46514 (Affected Party)									
11		Jim Regelean 204 Pierce St Osceola IN 46561 (Affected Party)									
12		Tom & Shirley Firestone 3521 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
13		David & Roberta Gooding 3519 Bent Oak Trl Elkhart IN 46517 (Affected Party)									
14		Dennis & Colleen Weaver 3928 Doral Ln Elkhart IN 46517 (Affected Party)									
15		Robert Woods 3908 Doral Ln Elkhart IN 46517 (Affected Party)									

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Mail Code 61-53 Page 12 of 12

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1		Nancy 3932 Doral Ln Elkhart IN 46517 (Affected Party)										
2		Anita Nunemaker 3915 Doral Ln Elkhart IN 46517 (Affected Party)										
3		Mr. Steve Bachman 24382 Walton Dr S Elkhart IN 46517 (Affected Party)										
4		Ms. Erna Naert 24944 Walton Dr S Elkhart IN 46517 (Affected Party)										
5		Randy Dutton 3653 Bent Oak Trl Elkhart IN 46517 (Affected Party)										
6		Steven G Van Scoik 3655 Bent Oak Trl Elkhart IN 46517 (Affected Party)										
7		Tony & Anne Hemminger 3701 Bent Oak Trl Elkhart IN 46517 (Affected Party)										
8		Sean Bridges 59522 Walton Dr Elkhart IN 46517 (Affected Party)										
9		Raymond Akers 2401 S Laflin St Chicago IL 60608 (Affected Party)										
10		Nibco, Inc. 701 Eisenhower Drive Goshen IN 46526 (Affected Party)										
11												
12												
13												
14												
15												

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