



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

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

TO: Interested Parties / Applicant

DATE: December 22, 2011

RE: Industrial Property Investments, LLC / 033-31159-00102

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

## Notice of Decision – Approval

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

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

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

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

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

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

Enclosures  
FNPER-AM.dot12/3/07



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

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

W. John Marynowski  
Industrial Property Investments, LLC  
3755 E. 82nd Street, Suite 200  
Indianapolis, IN 46240

December 22, 2011

Re: 033-31159-00102  
Second Registration Notice-Only Change to  
R033-26687-00102

Dear Mr. Marynowski:

Waterloo Recycling Center, LLC was issued a Registration No. R033-26687-00102 on September 24, 2008, for a stationary scrap metal shredding and separation facility located at 295 South Commerce Drive, Waterloo, Indiana 46793. On November 16, 2011, the Office of Air Quality (OAQ) received an application from the source requesting that the registration be updated to indicate a change in ownership and company name change to Industrial Property Investments, LLC. This change to the registration is considered a notice-only change pursuant to 326 IAC 2-5.5-6(d)(3). Pursuant to 326 IAC 2-5.5-6, the registration is hereby revised as follows, with deleted language as ~~strikeouts~~ and new language **bolded**:

The company name has been revised throughout the registration as follows:

Company Name: ~~Waterloo Recycling Center, LLC~~  
**Industrial Property Investments, LLC**

IDEM, OAQ has decided to make additional revisions to the registration as described below. The registration has been revised as follows with deleted language as ~~strikeouts~~ and new language **bolded**:

1. IDEM, OAQ has decided to remove all references to the source mailing address. IDEM, OAQ will continue to maintain records of the mailing address. Section A.1 of the registration has been revised as follows:

Mailing Address: ~~35980 Woodward Avenue, Suite 210, Bloomfield Hills, Michigan 48304~~

2. References to "Compliance Branch" have been changed to "Compliance and Enforcement Branch" as follows:

~~Compliance Branch~~ **Compliance and Enforcement Branch**

The source shall continue to operate according to 326 IAC 2-5.5. Please find enclosed the revised registration. A copy of the registration is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>. For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: [www.idem.in.gov](http://www.idem.in.gov)

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Nathan Bell, at (800) 451-6027, press 0 and ask for Nathan Bell or extension 3-5670, or dial (317) 233-5670.

Sincerely,



Iryn Caillung, Section Chief  
Permits Branch  
Office of Air Quality

IC/ncb

Attachment: Revised Registration

cc: File - Dekalb County  
Dekalb County Health Department  
Compliance and Enforcement Branch  
Billing, Licensing and Training Section



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

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

## REGISTRATION OFFICE OF AIR QUALITY

**Industrial Property Investments, LLC**  
**295 South Commerce Drive**  
**Waterloo, Indiana 46793**

Pursuant to 326 IAC 2-5.1 (Construction of New Sources: Registrations) and 326 IAC 2-5.5 (Registrations), (herein known as the Registrant) is hereby authorized to construct and operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this registration.

Registration No. R033-26687-00102	
Original signed by: Alfred C. Dumauval, Ph. D., Section Chief Permits Branch Office of Air Quality	Issuance Date: September 24, 2008

First Registration Notice-Only Change No. 033-27056-00102, issued November 12, 2008

Second Registration Notice-Only Change No. 033-31159-00102	
Issued by:  Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date:  December 22, 2011

## SECTION A

## SOURCE SUMMARY

This registration is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 and A.2 is descriptive information and does not constitute enforceable conditions. However, the Registrant 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 Registrant to obtain additional permits pursuant to 326 IAC 2.

### A.1 General Information

---

The Registrant owns and operates a stationary scrap metal shredding and separation facility.

Source Address:	295 South Commerce Drive, Waterloo, Indiana 46793
General Source Phone Number:	(260) 432-5538
SIC Code:	5093
County Location:	DeKalb County
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Registration

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

---

This stationary scrap metal shredding and separations facility consists of the following emission units and pollution control devices:

- (a) one (1) scrap metal shredder, approved for construction in 2008, with a maximum capacity of 80 tons per hour, using a water/foam spray system deemed an integral part of the shredding process for particulate matter control and fire/explosion prevention, and exhausting to the atmosphere. The scrap metal shredder will process scrap metal consisting of demolition structural steel, automobile bodies, and other types and forms of metals;
- (b) one (1) scrap metal separation line, approved for construction in 2008, with a maximum capacity of 80 tons per hour, and exhausting to the atmosphere. The line includes the following equipment:
  - (1) one (1) scrap metal feed hopper, with a maximum capacity of 80 tons per hour;
  - (2) one (1) oscillator, with a maximum capacity of 80 tons per hour of dry metal scrap; and
  - (3) one (1) water spray system for control of particulate matter emissions;
  - (4) four (4) conveyor transfer points, each with a maximum capacity of 60 tons per hour of wet metal scrap;
  - (5) three (3) conveyor transfer points, each with a maximum capacity of 20 tons per hour of wet metal scrap;
  - (6) three (3) conveyor transfer points, each with a maximum capacity of 7.2 tons per hour of wet metal scrap;
  - (7) two (2) oscillators, each with a maximum capacity of 7.2 tons per hour of wet metal scrap;
  - (8) two (2) conveyor transfer points, each with a maximum capacity of 12.8 tons per hour of wet metal scrap;

- (9) one (1) Z-box separator, with a maximum capacity of 60 tons per hour of metal scrap, separating heavy materials from light materials using a counter-flow forced air stream cascade system, equipped with an integral cyclone particle separator with the cyclone exhaust recirculated internally within the Z-box separator and reused for the forced air stream cascade system. To minimize leakage of air from the Z-box separator, the input chamber is equipped with a hanging curtain and a material activated revolving gate, the heavy material outlet chute is equipped with a hanging curtain, and the cyclone particle collection hopper is equipped with a rotary air lock mechanism.
- (c) scrap metal and fluff storage piles, loading and unloading of scrap metal and fluff storage piles, and loading of trucks or railcars with processed scrap metal and fluff;
- (d) paved roads and parking lots with public access;

## SECTION B

## GENERAL CONDITIONS

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

---

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

### B.2 Effective Date of Registration [IC 13-15-5-3]

---

Pursuant to IC 13-15-5-3, this registration 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.

### B.3 Registration Revocation [326 IAC 2-1.1-9]

---

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

- (a) Violation of any conditions of this registration.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this registration.
- (c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this registration shall not require revocation of this registration.
- (d) For any cause which establishes in the judgment of IDEM, the fact that continuance of this registration is not consistent with purposes of this article.

### B.4 Prior Permits Superseded [326 IAC 2-1.1-9.5]

---

- (a) All terms and conditions of permits established prior to Registration No. R033-26687-00102 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 registration.

### B.5 Annual Notification [326 IAC 2-5.1-2(f)(3)] [326 IAC 2-5.5-4(a)(3)]

---

Pursuant to 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3):

- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this registration.
- (b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

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

- (c) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

**B.6** Source Modification Requirement [326 IAC 2-5.5-6(a)]

Pursuant to 326 IAC 2-5.5-6(a), an application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

**B.7** Registrations [326 IAC 2-5.1-2(i)]

Pursuant to 326 IAC 2-5.1-2(i), this registration does not limit the source's potential to emit.

**SECTION C**

**SOURCE OPERATION CONDITIONS**

Entire Source

**Emission Limitations and Standards [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]**

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

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

- (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.2 Fugitive Dust Emissions [326 IAC 6-4]**

The Registrant 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).

## SECTION D.1

## OPERATION CONDITIONS

Facility Description [326 IAC 2-5.1-2(f)(2)] [326 IAC 2-5.5-4(a)(2)]:

- (a) one (1) scrap metal shredder, approved for construction in 2008, with a maximum capacity of 80 tons per hour, using a water/foam spray system deemed an integral part of the shredding process for particulate matter control and fire/explosion prevention, and exhausting to the atmosphere. The scrap metal shredder will process scrap metal consisting of demolition structural steel, automobile bodies, and other types and forms of metals;
- (b) one (1) scrap metal separation line, approved for construction in 2008, with a maximum capacity of 80 tons per hour, and exhausting to the atmosphere. The line includes the following equipment:
  - (1) one (1) scrap metal feed hopper, with a maximum capacity of 80 tons per hour;
  - (2) one (1) oscillator, with a maximum capacity of 80 tons per hour of dry metal scrap; and
  - (3) one (1) water spray system for control of particulate matter emissions;
  - (4) four (4) conveyor transfer points, each with a maximum capacity of 60 tons per hour of wet metal scrap;
  - (5) three (3) conveyor transfer points, each with a maximum capacity of 20 tons per hour of wet metal scrap;
  - (6) three (3) conveyor transfer points, each with a maximum capacity of 7.2 tons per hour of wet metal scrap;
  - (7) two (2) oscillators, each with a maximum capacity of 7.2 tons per hour of wet metal scrap;
  - (8) two (2) conveyor transfer points, each with a maximum capacity of 12.8 tons per hour of wet metal scrap;
  - (9) one (1) Z-box separator, with a maximum capacity of 60 tons per hour of metal scrap, separating heavy materials from light materials using a counter-flow forced air stream cascade system, equipped with an integral cyclone particle separator with the cyclone exhaust recirculated internally within the Z-box separator and reused for the forced air stream cascade system. To minimize leakage of air from the Z-box separator, the input chamber is equipped with a hanging curtain and a material activated revolving gate, the heavy material outlet chute is equipped with a hanging curtain, and the cyclone particle collection hopper is equipped with a rotary air lock mechanism.

(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 2-5.1-2(f)(1)] [326 IAC 2-5.5-4(a)(1)]

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

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), particulate emissions from the scrap metal shredder and scrap metal separation line shall not exceed 49.06 pounds per hour when operating at a process weight rate of 80 tons per hour.

The pounds per hour limitation was 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:

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

**D.1.2 Particulate Control [326 IAC 2-5.1] [326 IAC 2-5.5]**

---

Pursuant to 326 IAC 2-5.1 (Construction of New Sources: Registrations) and 326 IAC 2-5.5 (Registrations), the water/foam spray system shall be operated and control particulate emissions from the scrap metal shredder at all times that the scrap metal shredder is in operation, and the Permittee shall operate the water/foam spray system in accordance with manufacturer's specifications.

**Compliance Monitoring Requirements [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]**

**D.1.3 Water/Foam Spray System Failure Detection**

---

In the event that water/foam spray system failure has been observed, the metal shredding process will be shut down immediately until the failed water/foam spray system has been repaired or replaced.

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

**REGISTRATION  
ANNUAL NOTIFICATION**

This form should be used to comply with the notification requirements under 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3).

<b>Company Name:</b>	Industrial Property Investments, LLC
<b>Address:</b>	295 South Commerce Drive
<b>City:</b>	Waterloo, Indiana 46793
<b>Phone Number:</b>	(260) 432-5538
<b>Registration No.:</b>	R033-26687-00102

I hereby certify that Industrial Property Investments, LLC is:  still in operation.  
 no longer in operation.

I hereby certify that Industrial Property Investments, LLC is:  in compliance with the requirements of Registration No. R033-26687-00102.  
 not in compliance with the requirements of Registration No. R033-26687-00102.

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

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

<b>Noncompliance:</b>



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
**Governor**

*Thomas W. Easterly*  
**Commissioner**

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

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

**TO:** W John Marynowski  
Industrial Property Investments LLC  
3755 E 82nd St, Suite 200  
Indianapolis, IN 46240

**DATE:** December 21, 2011

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

**SUBJECT:** Final Decision  
Notice Only  
033-31159-00102

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

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

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

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

Final Applicant Cover letter.dot 11/30/07

# Mail Code 61-53

IDEM Staff	DPABST 12/21/2011 Industrial Property Investments LLC 033-31159-00102 (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:  <b>CERTIFICATE OF MAILING ONLY</b>	

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		W John Marynowski Industrial Property Investments LLC 3755 E 82nd St, Suite 200 Indianapolis IN 46240 (Source CAATS) (CONFIRM DELIVERY)										
2		W John Marynowski Member Industrial Property Investments LLC 3755 E 82nd St, Suite 200 Indianapolis IN 46240 (RO CAATS)										
3		Mr. Steve Christman NISWMD 2320 W 800 S, P.O. Box 370 Ashley IN 46705 (Affected Party)										
4		DeKalb County Commissioners 100 South Main Street Auburn IN 46706 (Local Official)										
5		Ms. Diane Leroy 303 N. Jackson St. Auburn IN 46706 (Affected Party)										
6		Mr. Barry Fordanish R#3 1480 CR 66 Auburn IN 46706 (Affected Party)										
7		Mr. Dave Weilbaker 1423 Urban Ave Auburn IN 46706 (Affected Party)										
8		DeKalb County Health Department 220 E 7th St #110 Auburn IN 46706 (Health Department)										
9		Daniel & Sandy Trimmer 15021 Yellow River Road Columbia City IN 46725 (Affected Party)										
10		Mr. Charles L. Berger Berger & Berger, Attorneys at Law 313 Main Street Evansville IN 47700 (Affected Party)										
11		Brown & Sons Fuel Co. P.O. Box 665 Kendallville IN 46755 (Affected Party)										
12		Waterloo Town Council 280 N. Wayne St, P.O. Box 96 Waterloo IN 46793 (Local Official)										
13		Mr. Marty K. McCurdy 2550 County Road 27 Waterloo IN 46793 (Affected Party)										
14		Mark Zeltwanger 26545 CR 52 Nappanee IN 46550 (Affected Party)										
15		Alan Bouwkamp Newton, Becker, Bouwkamp, Pendoski, PC 3755 E 82nd Street, Suite 220 Indianapolis IN 46240 (Attorney)										

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 <b>Domestic Mail Manual R900, S913, and S921</b> for limitations of coverage on inured and COD mail. See <b>International Mail Manual</b> for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
---	--	--	--