



Indiana Department of Environmental Management

We Protect Hoosiers and Our Environment.

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(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Michael R. Pence
Governor

Carol S. Comer
Commissioner

To: Interested Parties

Date: September 21, 2016

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

Source Name: Ohio Valley Resources LLC

Permit Level: Title V Administrative Amendment

Permit Number: 147-37560-00062

Source Location: 300-400 E CR 350 N Rockport, IN 47635

Type of Action Taken: Changes that are administrative in nature

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 matter referenced above. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

The final decision is available on the IDEM website at: <http://www.in.gov/apps/idem/caats/>
To view the document, select Search option 3, then enter permit 37560.

If you would like to request a paper copy of the permit document, please contact IDEM's central file room:

Indiana Government Center North, Room 1201
100 North Senate Avenue, MC 50-07
Indianapolis, IN 46204
Phone: 1-800-451-6027 (ext. 4-0965)
Fax (317) 232-8659

(continues on next page)

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.



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Mr. Doug Wilson
Ohio Valley Resources, LLC
PO Box 667
Fairfield, IL 62837

September 21, 2016

Re: 147-37560-00062
Administrative Amendment to
PSD/New Source Construction and Part 70
Operating Permit T147-32322-00062

Dear Mr. Wilson:

On August 22, 2016, the Office of Air Quality (OAQ) received a letter from Ohio Valley resources, LLC, requesting an additional eighteen (18) month extension to the eighteen month construction deadline stated in the PSD/New Source Construction and Part 70 Permit No. T147-32322-00062, issued on September 25, 2013, amended by Administrative Amendment No. 147-35491-00062, issued on March 3, 2015.

IDEM OAQ, considered the information provided by Ohio Valley Resources, LLC for the extension request. After careful evaluation of all the information presented in this request, IDEM determined that a satisfactory showing was made to justify an additional eighteen (18) month extension for the project without the need for substantive changes to the existing construction approval. This determination was made as part of the Review Request number 147-37547-00062.

Accordingly, to incorporate this determination into Ohio Valley Resources, LLC's existing PSD/New Source Construction and Part 70 Operating Permit No.: T147-32322-00062, Condition B.2 - Revocation of Permit must be amended to extend the deadline for the commencement of construction until March 25, 2018.

For a permit issued under the provisions of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), approval to construct is subject the provision of 326 IAC 2-2-8(a). Condition B.2 - Revocation of Permits has been further amended to clarify the construction authorization under 326 IAC 2-2-8.

B.2 Revocation of Permits [326 IAC 2-2-8]

Pursuant to 326 IAC 2-2-8(a)(1), this permit to construct shall expire if construction is not commenced on or before ~~September 25, 2016~~ **March 25, 2018** or if construction is discontinued for a period of eighteen (18) months or more.

All other conditions of the permit shall remain unchanged and in effect. The attachment with this letter reflects the amendments to Condition B.2 - Revocation of Permits. Please attach a copy of these amended pages with the original new source construction and Part 70 operating permit.

Please find attached the entire Part 70 Operating Permit as amended. The permit references the below listed attachments, since these attachments were provided in previously issued approvals for this source, IDEM OAQ has not included a copy of these attachments with this amendment:

- Attachment A: 40 CFR 63, Subpart FFFF, National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing
- Attachment B: 40 CFR 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
- Attachment C: 40 CFR 60, Subpart VVa, Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which

- Construction, Reconstruction, or Modification Commenced After November 7, 2006
- Attachment D: 40 CFR 60, Subpart Ga, Standards of Performance for Nitric Acid Plants for Which Construction, Reconstruction, or Modification Commenced After October 14, 2011
- Attachment E: 40 CFR 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
- Attachment F: 40 CFR 60, Subpart Db, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units
- Attachment G: 40 CFR 61, Subpart FF, National Emission Standards for Benzene Waste Operations
- Attachment H: 40 CFR 63, Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters

Previously issued approvals for this source containing these attachments are available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>.

Federal rules under Title 40 of United States Code of Federal Regulations may also be found on the U.S. Government Printing Office's Electronic Code of Federal Regulations (eCFR) website, located on the Internet at: http://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title40/40tab_02.tpl.

A copy of the permit is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>. For additional information about air permits and how the public and interested parties can participate, refer to the IDEM Permit Guide on the Internet at: <http://www.in.gov/ide/5881.htm>; and the Citizens' Guide to IDEM on the Internet at: <http://www.in.gov/ide/6900.htm>.

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 Deena Patton of my staff, at 317-234-5400 or 1-800-451-6027, and ask for extension 4-5400.

Sincerely,



Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Attachment(s): Updated Permit

MS/dp

cc: File - Spencer County
Spencer County Health Department
U.S. EPA, Region 5
Air Compliance and Enforcement Branch
IDEM Southwest Regional Office



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PSD/New Source Construction and Part 70 Operating Permit OFFICE OF AIR QUALITY

**Ohio Valley Resources, LLC
300-400 East CR 350 North
Rockport, Indiana 47635**

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

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. 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 2-7 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.

Operation Permit No.: T 147-32322-00062

Original Signed by/Issued by:
Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality


Issuance Date: September 25, 2013

Expiration Date: September 25, 2018

Administrative Amendment No.: 147-35491-00062, Issued March 3, 2015

Administrative Amendment No.: 147-37560-00062

Issued by:


Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Issuance Date: September 21, 2016

Expiration Date: September 25, 2018

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- Attachment G – 40 CFR 61, Subpart FF
- Attachment H – 40 CFR 63, Subpart DDDDD

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.5 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 2-7-4(c)][326 IAC 2-7-5(14)][326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary nitrogenous fertilizer production plant.

| | |
|------------------------------|--|
| Source Address: | 300-400 East CR 350 North, Rockport, Indiana 47635 |
| General Source Phone Number: | (812) 686-9113 |
| SIC Code: | 2873 |
| County Location: | Spencer |
| Source Location Status: | Attainment for all criteria pollutants |
| Source Status: | Part 70 Operating Permit Program Major Source, under PSD Rules Major Source, Section 112 of the Clean Air Act 1 of 28 Source Categories |

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(14)]

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

- (a) A reformer process for production of hydrogen and nitrogen syngas consisting of the following emission units and emission control devices:
 - (1) One (1) primary reformer, identified as EU-003, approved for construction in 2013, with a maximum rated heat input capacity of 1,006.4 MMBtu/hr, using selective catalytic reduction for NO_x emissions control, equipped with a NO_x CEMS and exhausting to the ambient atmosphere through stack EP-003. [40 CFR 63, Subpart DDDDD]
 - (2) One (1) CO₂ purification process, identified as EU-004, with a maximum rated CO₂ production of 3,570 ton per day, approved for construction in 2013, and exhausting to the ambient atmosphere through stack EP-004. [40 CFR 63, Subpart FFFF]
 - (3) One (1) front end process flare for combusting intermittent process gas emissions from maintenance, startup, shutdown, and malfunctions, identified as EU-007, with a pilot nominally rated at 0.253 MMBtu/hr, approved for construction in 2013, utilizing proper flare design and operation minimization practices, and exhausting to the ambient atmosphere through the emission point EP-007.
- (b) An ammonia unit with a maximum throughput capacity of 2,800 ton/day of ammonia consisting of the following emission units and emission control devices:
 - (1) One (1) ammonia catalyst startup heater, identified as EU-010, approved for construction in 2013, with a maximum rated heat input capacity of 106.3 MMBtu/hr, utilizing no control devices, and exhausting to the ambient atmosphere through stack EP-010. [40 CFR 63, Subpart DDDDD]

- (2) One (1) back end ammonia process vent flare for combusting intermittent process gas emissions from maintenance, startup, shutdown, and malfunctions, identified as EU-006, approved for construction in 2013, with pilot capacity of 0.253 MMBtu per hour, utilizing proper flare design and operation minimization practices, and exhausting to the ambient atmosphere through emission point EP-006.
 - (3) Four (4) ammonia bullet tanks, identified as EU-023A through EU-023D, with a maximum rated capacity of 90,000 gallons each, approved for construction in 2013, utilizing the flare identified as EU-005 as an emission control device, and exhausting to the ambient atmosphere through emissions point EP-005.
 - (4) Three (3) ammonia cold storage tanks, identified as EU-013A, EU-013B, and EU-013C, with a maximum rated capacity of 40,000 tons each, approved for construction in 2013, utilizing the flare identified as EU-005 as an emission control device, and exhausting to the ambient atmosphere through emission point EP-005.
 - (5) One (1) ammonia storage flare, identified as EU-005, approved for construction in 2013, with pilot capacity of 0.126 MMBtu per hour, utilizing proper flare design and operation minimization practices, and exhausting to the ambient atmosphere through emission point EP-005.
- (c) Two (2) urea ammonium nitrate (UAN) plants, including the production of urea, nitric acid, ammonium nitrate, and diesel exhaust fluid (DEF), consisting of the following emission units and emission control devices:
- (1) Two (2) nitric acid units, identified as EU-001A and EU-001B, with a maximum throughput capacity of 630 ton/day of 100% nitric acid each, approved for construction in 2013, equipped with selective catalytic reduction for NO_x control, catalytic decomposition for N₂O control, and a NO_x CEMS, and exhausting to the ambient atmosphere through tailgas stacks EP-001A and EP-001B. [40 CFR 60, Subpart Ga]
 - (2) Two (2) nitric acid storage tanks, identified as EU-022A and EU-022B, approved for construction in 2013, with a maximum throughput of 1,105 ton/day of 57% nitric acid each, and exhausting to the ambient atmosphere through the UAN process vent stacks EP-002A and EP-002B.
 - (3) Two (2) ammonium nitrate (AN) units, identified as EU-002A and EU-002B, approved for construction in 2013, with a maximum throughput capacity of 798 ton/day of ammonium nitrate each, utilizing a scrubber with particulate demister for particulate matter control, and exhausting to the ambient atmosphere through stacks EP-002A and EP-002B. [40 CFR 60, Subpart VVa]
 - (4) Two (2) UAN Storage Tanks, identified as EU-012A and EU-012B, approved for construction in 2013, with a maximum rated capacity of 30,000 tons each, and exhausting to the ambient atmosphere through vents EP-012A and EP-012B. [40 CFR 60, Subpart VVa]
 - (5) Three (3) UAN Day Tanks, identified as EU-020A, EU-020B, and EU-020C, approved for construction in 2013, with a maximum rated capacity of 750 tons each, and exhausting to the ambient atmosphere through vents EP-020A, EP-020B, and EP-020C. [40 CFR 60, Subpart VVa]

- (6) Two (2) UAN loadout facilities (one (1) truck and one (1) for rail), identified as EU-024A and EU-024B, approved for construction in 2013, and exhausting to the ambient atmosphere as fugitive emission sources EP-024A and EP-024B. [40 CFR 60, Subpart VVa]
- (7) One (1) UAN plant vent flare for combusting intermittent process gas emissions from maintenance, startup, shutdown, and malfunctions, identified as EU-017, approved for construction in 2013, with a pilot capacity of 0.189 MMBtu per hour, utilizing proper flare design and operation minimization practices, and exhausting to the ambient atmosphere through emission point EP-017.
- (8) One (1) DEF tank, identified as EU-021, approved for construction in 2013, with capacity of 100 tons, and exhausting to the ambient atmosphere through vent EP-021. [40 CFR 60, Subpart VVa]
- (9) One (1) DEF truck loadout facility, identified as EU-025, approved for construction in 2013, and exhausting to the ambient atmosphere as fugitive emission source EP-025. [40 CFR 60, Subpart VVa]
- (d) Four (4) natural gas-fired boilers, identified as EU-011A, EU-011B, EU-011C, and EU-011D, approved for construction in 2013, with a maximum rated heat input capacity of 218 MMBtu/hr each, using ultra low NO_x burners and flue gas recirculation for NO_x emissions control, equipped with NO_x CEMS, and exhausting to the ambient atmosphere through stacks EP-011A, EP-011B, EP-011C, and EP-011D. [40 CFR 60, Subpart Db] [40 CFR 63, Subpart DDDDD]
- (e) One (1) diesel-fired emergency generator, identified as EU-009, approved for construction in 2013, with a maximum rated capacity of 4,690 horsepower, utilizing no control devices, and exhausting to the ambient atmosphere through stack EP-009. [40 CFR 60, Subpart IIII] [40 CFR 63, Subpart ZZZZ]

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(14)]

This stationary source also includes the following insignificant activities, which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (a) One (1) diesel-fired emergency firewater pump, identified as EU-016, approved for construction in 2013, with a maximum rated capacity of 481 horsepower, utilizing no control devices, and exhausting to the ambient atmosphere through stack EP-016. [40 CFR 60, Subpart IIII] [40 CFR 63, Subpart ZZZZ] [326 IAC 2-2]
- (b) Two (2) cooling towers, with a total of fourteen (14) cells, identified as EU-008A through EU-008H and EU-019A through EU-019F, approved for construction in 2013, with a combined maximum rated capacity of 179,720 gallons per minute, utilizing high efficiency drift eliminators for particulate matter control, and exhausting to the ambient atmosphere through cells EP-008A through EP-008H and EP-019A through EP-019F. [326 IAC 2-2]
- (c) Fuel dispensing activities, including the gasoline fuel transfer dispensing operation, identified as EU-015, approved for construction in 2013, handling less than or equal to one thousand three hundred (1,300) gallons per day and filling storage tanks having a capacity equal to or less than ten thousand five hundred (10,500) gallons. Such storage tanks may be in a fixed location or on mobile equipment. [326 IAC 2-2]

- (d) Fuel dispensing activities, including a petroleum fuel other than gasoline dispensing facility, identified as EU-014, approved for construction in 2013, having a storage tank capacity less than or equal to ten thousand five hundred (10,500) gallons, and dispensing three thousand five hundred (3,500) gallons per day or less. [326 IAC 2-2]
- (e) Fugitive NO_x, VOC, and GHG Emissions from Equipment Leaks [326 IAC 2-2] [40 CFR 60, Subpart VVa]
- (f) Paved roadways and parking lots with public access. [326 IAC 6-4] [326 IAC 2-2]

A.4 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(14)]

This stationary source also includes the following insignificant activities, which are not specifically regulated, as defined in 326 IAC 2-7-1(21):

- (a) The following activities:
 - (1) Water based activities, including the following:
 - (A) Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to one percent (1%) by volume.
 - (B) Any operation using aqueous solutions containing less than or equal to one percent (1%) by weight of VOCs excluding HAPs.
 - (2) Flue gas conditioning systems and associated chemicals, such as ammonia.
 - (3) Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including tanks.
 - (4) Blowdown for boilers and cooling towers.

A.5 Trivial Activities [326 IAC 2-7-1(40)]

- (a) Any activity or emission unit not regulated by a NESHAP, with potential uncontrolled emissions that are equal to or less than one (1) pound per day on an emission unit basis for any single HAP or combination of HAPs; and for which the potential uncontrolled emissions meet the exemption levels specified in the following:
 - (1) For VOC, potential uncontrolled emissions that are equal to or less than one (1) pound per day.
 - (2) For nitrogen oxides (NO_x), potential uncontrolled emissions that are equal to or less than one (1) pound per day.
 - (3) For particulate matter with an aerodynamic diameter less than or equal to ten (10) micrometers (PM₁₀), potential uncontrolled emissions that are equal to or less than one (1) pound per day.
- (b) Water related activities, including the following:
 - (1) Production of hot water for on-site personal use not related to any industrial or production process.
 - (2) Water treatment activities used to provide potable and process water for the plant, excluding any activities associated with wastewater treatment.

- (3) Steam traps, vents, leaks, and safety relief valves.
 - (4) Demineralized water tanks and demineralizer vents.
 - (5) Boiler water treatment operations, not including cooling towers.
- (c) Activities related to ventilation, venting equipment, and refrigeration, including the following:
 - (1) Ventilation exhaust, central chiller water systems, refrigeration, and air conditioning equipment, not related to any industrial or production process, including natural draft hoods or ventilating systems that do not remove air pollutants.
 - (2) Stack and vents from plumbing traps used to prevent the discharge of sewer gases, handling domestic sewage only, excluding those at wastewater treatment plants or those handling any industrial waste.
 - (3) Vents from continuous emissions monitors and other analyzers.
- (d) Housekeeping and janitorial activities and supplies, including the following:
 - (1) Vacuum cleaning systems used exclusively for housekeeping or custodial activities, or both.
 - (2) Steam cleaning activities.
 - (3) Restrooms and associated cleanup operations and supplies.
 - (4) Mobile floor sweepers and floor scrubbers.
 - (5) Pest control fumigation.
- (e) Office related activities, including the following:
 - (1) Office supplies and equipment.
 - (2) Photocopying equipment and associated supplies.
 - (3) Paper shredding.
- (f) Storage equipment and activities, including the following:
 - (1) Pressurized storage tanks and associated piping for anhydrous ammonia.
 - (2) Storage tanks, vessels, and containers holding or storing liquid substances that do not contain any VOC or HAP.
 - (3) Storage of drums containing maintenance raw materials.
 - (4) Portable containers used for the collection, storage, or disposal of materials provided the container capacity is equal to or less than forty-six hundredths (0.46) cubic meters and the container is closed, except when the material is added or removed.

- (g) Emergency and standby equipment, including process safety relief devices installed solely for the purpose of minimizing injury to persons or damage to equipment that could result from abnormal process operating conditions, including rupture discs and safety relief valves.
- (h) Sampling and testing equipment and activities, including the following:
 - (1) Equipment used for quality control/assurance or inspection purposes, including sampling equipment used to withdraw materials for analysis.
 - (2) Instrument air dryers and distribution.
- (i) Activities generating limited amounts of fugitive dust, including the following:
 - (1) Fugitive emissions related to movement of passenger vehicles, provided the emissions are not counted for applicability purposes under subdivision (22) (B), and any required fugitive dust control plan or its equivalent is submitted.
 - (2) Road salting and sanding.

A.6 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22); and
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

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

B.7 Severability [326 IAC 2-7-5(5)]

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

B.8 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

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

B.9 Duty to Provide Information [326 IAC 2-7-5(6)(E)]

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

B.10 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]

- (a) A certification required by this permit meets the requirements of 326 IAC 2-7-6(1) if:
 - (1) it contains a certification by a "responsible official" as defined by 326 IAC 2-7-1(35), 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) A "responsible official" is defined at 326 IAC 2-7-1(35).

B.11 Annual Compliance Certification [326 IAC 2-7-6(5)]

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

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

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- (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 2-7-5(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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

B.12 Preventive Maintenance Plan [326 IAC 2-7-5(12)] [326 IAC 1-6-3]

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

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

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

The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

The Permittee shall implement the PMPs.

- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.13 Emergency Provisions [326 IAC 2-7-16]

- (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.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
 - (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, or Southwest Regional Office within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865
Southwest Regional Office phone: (812) 380-2305; fax: (812) 380-2304.
 - (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

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

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

The notice fulfills the requirement of 326 IAC 2-7-5 (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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (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 2-7-4(c)(8) 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 2-7 and any other applicable rules.
- (g) 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.

B.14 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced 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 Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

- (b) In addition to the nonapplicability determinations set forth in Section D of this permit, the IDEM, OAQ has made the following determinations regarding this source.
- (1) **326 IAC 4-2 (Incinerators):** This source is not subject to 326 IAC 4-2 because none of the combustion units at the source meets the definition of an incinerator as defined in 326 IAC 1-2-34.
 - (2) **326 IAC 6-3 (Particulate Emissions for Manufacturing Processes):** This source is not subject to 326 IAC 6-3 because pursuant to 326 IAC 6-3-1(c)(1) the source is subject to more stringent Best Available Control Technology (BACT) particulate matter emission limitations in a Prevention of Significant Deterioration (PSD) permit.
 - (3) **326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations):** This source is not subject to 326 IAC 6-5 because the potential to emit fugitive particulate matter from the source is less than 25 tons per year.
 - (4) **326 IAC 7 (Sulfur Dioxide Emission Limitations):** This source is not subject to 326 IAC 4-2 because none of the emission units at the source have the potential to emit sulfur dioxide at a rate greater than either 25 tons per year or 10 pounds per hour.
 - (5) **326 IAC 8-4-3 (Petroleum Liquid Storage Facilities):** This source is not subject to 326 IAC 8-4-3 because the diesel fuel storage tank and the gasoline fuel storage tank have storage capacities less than 39,000 gallons and there are no other petroleum liquid storage facilities at the source.
 - (6) **326 IAC 8-4-6 (Gasoline Dispensing Facilities):** This source is not subject to 326 IAC 8-4-6 because pursuant to 326 IAC 8-4-1(d) the gasoline dispensing operation at the site dispenses less than 10,000 gallons of gasoline per month.
 - (7) **326 IAC 9-1-2 (Carbon Monoxide Emission Limitations):** This source is not subject to 326 IAC 9 because the source does not include a petroleum refinery, a ferrous metal smelter, or an incinerator.
 - (8) **326 IAC 10 (Nitrogen Oxides Rules):** This source is not subject to 326 IAC 10 because the source does not meet any of the following applicability criteria:
 - (A) The source will not be constructed in Clark or Floyd County;
 - (B) The boilers will not burn blast furnace gas; or
 - (C) The capacity of each boiler is less than 250 MMBtu/hr.

- (9) **326 IAC 24-1 (Clean Air Interstate Rule Nitrogen Oxides Annual Trading Program):** This source is not subject to 326 IAC 24-1 because the source does not include any emission units that will generate 25 megawatts of electricity for sale.
- (10) **326 IAC 24-2 (Clean Air Interstate Rule Sulfur Dioxide Trading Program):** This source is not subject to 326 IAC 24-2 because the source does not include any emission units that will generate 25 megawatts of electricity for sale.
- (11) **326 IAC 24-3 (Clean Air Interstate Rule NO_x Ozone Season Trading Program):** This source is not subject to 326 IAC 24-3 because the source does not meet any of the following applicability criteria:
 - (A) The boilers at the source each have a maximum rated heat input capacity of less than 250 MMBtu/hr; and
 - (B) The reformer does not generate steam.
- (12) **40 CFR 60, Subpart D - Standards of Performance for Fossil-Fuel Fired Steam Generators for which construction is commenced after August 17, 1971**
 - (A) This source is not subject to 40 CFR Part 60, Subpart D because each of the boilers have a heat input capacity less than 250 MMBtu/hr.
 - (B) This source is not subject to 40 CFR Part 60, Subpart D because the ammonia catalyst preheater has a heat input capacity less than 250 MMBtu/hr.
 - (B) This source is not subject to 40 CFR Part 60, Subpart D because the reformer is not a steam-generating unit.
- (13) **40 CFR 60, Subpart Da - Standards of Performance for Electric Utility Steam Generating Units for which Construction is Commenced after September 18, 1978:** This source is not subject to 40 CFR Part 60, Subpart Da because none of the combustion or steam generating units at the source will generate electricity for utility power distribution.
- (14) **40 CFR 60, Subpart Dc Standards of Performance for Small Industrial Commercial Institutional Steam Generating Units:** This source is not subject to 40 CFR Part 60, Subpart Dc because the boilers have a heat input capacity greater 100 MMBtu/hr and the other combustion units at the source are not steam generating units.
- (15) **40 CFR 60, Subpart K - Standards of Performance for Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after June 11, 1973 and prior to May 19, 1978:** Subpart K does not apply to this source because all tanks at the site will be constructed after May 19, 1978.
- (16) **40 CFR 60, Subpart Ka - Standards of Performance for Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after May 19, 1978 and prior to July 23, 1984:** Subpart Ka does not apply to this source because all tanks at the site will be constructed after July 23, 1984.

- (17) **40 CFR 60, Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984:** 40 CFR Part 60, Subpart Kb is not applicable to this source because none of the tanks storing organic materials have capacities greater than 151 cubic meters (m^3) and store organic liquids with maximum true vapor pressure greater than 3.5 kPa. Urea and urea ammonium nitrate (UAN) are organic liquids with vapor pressure less than 3.5 kPa.
- (18) **40 CFR 60, Subparts T, U, V, W, and X – Standards of Performance that apply to phosphate fertilizer plants:** These rules are not applicable to this source because this source manufactures ammonia and urea ammonium nitrate (UAN) fertilizers and does not manufacture any phosphate fertilizers.
- (19) **40 CFR 60, Subpart GG and KKKK - Standards of Performance for Stationary Gas Turbines:** Subpart GG does not apply to this source because the turbines at this source are steam turbines and not gas-fired turbines.
- (20) **40 CFR 60, Subparts III, NNN, RRR and YYY – Standards of Performance that apply to the Synthetic Organic Chemicals Manufacturing Industry:** These Subparts do not apply to this source because it does not produce any of the chemicals listed in 40 CFR 60.489. Methanol is created as an emission by-product at the source, but such emissions are not defined as a product that would render any of these subparts applicable.
- (21) **40 CFR 60, Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines:** These rules are not applicable to this source because it applies only to spark ignition engines. The engines at this source will be compression ignition engines that are subject to 40 CFR 60, Subpart IIII.
- (22) **40 CFR 63, Subpart B - Requirements For Control Technology Determinations for Major Sources in Accordance with Clean Air Act Sections, Sections 112(g) And 112(j):** These rules are not applicable to the source because other sections in Part 63 are applicable to the source.
- (23) **40 CFR 63, Subparts F, G, and H - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry:** These rules are not applicable to the source because the source will not manufacture or produce any of the chemicals listed in Table 1 of 40 CFR 63, Subpart F, Table 1.
- (24) **40 CFR 63, Subpart Q - National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers:** These rules are not applicable to this source because the source will not use chromium based materials in its cooling towers.
- (25) **40 CFR 63, Subpart BB – National Emission Standards for Hazardous Air Pollutants from Phosphate Fertilizers Production Plants:** These rules are not applicable to this source because it applies to the production of phosphate based fertilizers. This source manufactures ammonia and urea ammonium nitrate (UAN) fertilizers, which do not contain phosphorous.

- (26) **40 CFR 63, Subparts OO and PP – National Emission Standards for Tanks and Containers:** These rules apply to storage and containers when another NSPS or NESHAP standard that is applicable to a source refers to these standards. This source is not subject to any NSPS or NESHAP rules that reference these standards.
 - (27) **40 CFR 63, Subpart EEEE – National Emission Standards for Hazardous Air Pollutants for Organic Liquids Distribution:** These rules are not applicable to this source because it will only distribute ammonia and urea ammonium nitrate (UAN) products. Neither ammonia nor UAN are considered hazardous air pollutants, and therefore, this subpart does not apply.
 - (28) **40 CFR 63, Subpart YYYY – National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines:** These rules do not apply to this source because the turbines at the site are steam turbines and not combustion turbines.
 - (29) **40 CFR 63, Subpart CCCCCC – National Emission Standards for Hazardous Air Pollutants for Source Category Gasoline Dispensing Facilities:** This rule does not apply to this source because it is applicable to area sources of hazardous air pollutants, and this source is a major source of hazardous air pollutants.
 - (30) **40 CFR 63, Subpart JJJJJJ – National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources:** This rule does not apply to this source because it is applicable to area sources of hazardous air pollutants, and this source is a major source of hazardous air pollutants.
 - (31) **40 CFR 63, Subpart VVVVVV – National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources:** This rule does not apply to this source because it is applicable to area sources of hazardous air pollutants, and this source is a major source of hazardous air pollutants.
 - (32) **40 CFR 63, Subpart BBBBBBBB – National Emission Standards for Hazardous Air Pollutants for Area Sources Chemical Preparations Industry:** This rule does not apply to this source because it is applicable to area sources of hazardous air pollutants, and this source is a major source of hazardous air pollutants.
- (c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
 - (d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.

- (e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
 - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b) (2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

B.15 Prior Permits Superseded [326 IAC 2-1.1-9.5] [326 IAC 2-7-10.5]

- (a) All terms and conditions of permits established prior to T 147-32322-00062 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised under 326 IAC 2-7-10.5, or
 - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this combined permit, all previous registrations and permits are superseded by this combined new source review and part 70 operating permit.

B.16 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.17 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 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 2-7-5(6)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (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 2-7-9(a)(3)]
- (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 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(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 2-7-9(c)]

B.18 Permit Renewal [326 IAC 2-7-3] [326 IAC 2-7-4] [326 IAC 2-7-8(e)]

- (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 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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 2-7 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 2-7-4(a)(2)(D), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.20 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12(b)(2)]

- (a) No Part 70 permit revision or notice shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

- (b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.21 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b) or (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 preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

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

and

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

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

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(b)(1) and (c)(1). 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 2-7-20(b)(1) and (c)(1).

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

- (1) A brief description of the change within the source;
- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (c) Emission Trades [326 IAC 2-7-20(c)]
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 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
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 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (e) 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.22 Source Modification Requirement [326 IAC 2-7-10.5]

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

B.23 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [IC 13-30-3-1] [IC 13-17-3-2]

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 Part 70 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 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 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 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.24 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.25 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)] [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ within 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) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.26 Credible Evidence [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [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 2-7-5(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 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.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

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

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

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

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

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

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

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted by using ambient air quality modeling pursuant to 326 IAC 1-7-4. The provisions of 326 IAC 1-7-1(3), 326 IAC 1-7-2, 326 IAC 1-7-3(c) and (d), 326 IAC 1-7-4, and 326 IAC 1-7-5(a), (b), and (d) are not federally enforceable.

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

The Permittee shall comply with the applicable requirements of 326 IAC 14-10, 326 IAC 18, and 40 CFR 61.140. The requirement in 326 IAC 14-10-1(a) that the owner or operator shall use an Indiana Licensed Asbestos Inspector and all the requirements in 326 IAC 18 related to licensing requirements for asbestos inspectors are not federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).
- (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 2-7-5(1)] [326 IAC 2-7-6(1)]

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)] [40 CFR 64] [326 IAC 3-8]

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

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

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

The notification which shall be submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

- (b) For monitoring required by CAM, at all times, the Permittee shall maintain the monitoring, including but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.
- (c) For monitoring required by CAM, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the Permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for purposes of this part, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The owner or operator shall use all the data collected during all other periods in assessing the operation of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.

C.11 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

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

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

- (b) These ERPs shall be submitted for approval 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 180 days from the date on which this source commences operation.

The ERP does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (c) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.
- (d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.
- (e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (f) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.13 Risk Management Plan [326 IAC 2-7-5(11)] [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.14 Response to Excursions or Exceedances [40 CFR 64] [326 IAC 3-8] [326 IAC 2-7-5] [326 IAC 2-7-6]

- (a) Upon detecting an excursion where a response step is required by the D Section, not subject to CAM, in this permit:

- (1) 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.

- (2) The response shall include minimizing the period of any startup, shutdown, or malfunction. The response may include, but is not limited to, the following:
 - (A) initial inspection and evaluation;
 - (B) recording that operations returned or are returning to normal without operator action (such as through response by a computerized distribution control system); or
 - (C) any necessary follow-up actions to return operation to normal or usual manner of operation.
 - (3) 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:
 - (A) monitoring results;
 - (B) review of operation and maintenance procedures and records; and/or
 - (C) inspection of the control device, associated capture system, and the process.
 - (4) Failure to take reasonable response steps shall be considered a deviation from the permit.
 - (5) The Permittee shall record the reasonable response steps taken.
- (b)
 - (1) CAM Response to excursions or exceedances.
 - (A) Upon detecting an excursion or exceedance, subject to CAM, the Permittee shall restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown, or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Such actions may include initial inspection and evaluation, recording that operations returned to normal without operator action (such as through response by a computerized distribution control system), or any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.
 - (B) 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, monitoring results, review of operation and maintenance procedures and records, and inspection of the control device, associated capture system, and the process.

- (2) If the Permittee identifies a failure to achieve compliance with an emission limitation, subject to CAM, or standard, subject to CAM, for which the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions, the Permittee shall promptly notify the IDEM, OAQ and, if necessary, submit a proposed significant permit modification to this permit to address the necessary monitoring changes. Such a modification may include, but is not limited to, reestablishing indicator ranges or designated conditions, modifying the frequency of conducting monitoring and collecting data, or the monitoring of additional parameters.
- (3) Based on the results of a determination made under paragraph (b)(1)(B) of this condition, the EPA or IDEM, OAQ may require the Permittee to develop and implement a quality improvement plan (QIP). The Permittee shall develop and implement a QIP if notified to in writing by the EPA or IDEM, OAQ.
- (4) **Elements of a QIP:**
The Permittee shall maintain a written QIP, if required, and have it available for inspection. The plan shall conform to 40 CFR 64.8b(2).
- (5) If a QIP is required, the Permittee shall develop and implement a QIP as expeditiously as practicable and shall notify the IDEM, OAQ if the period for completing the improvements contained in the QIP exceeds 180 days from the date on which the need to implement the QIP was determined.
- (6) Following implementation of a QIP, upon any subsequent determination pursuant to paragraph (II)(a)(2) of this condition the EPA or the IDEM, OAQ may require that the Permittee make reasonable changes to the QIP if the QIP is found to have:
 - (A) Failed to address the cause of the control device performance problems;
or
 - (B) Failed to provide adequate procedures for correcting control device performance problems as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (7) Implementation of a QIP shall not excuse the Permittee from compliance with any existing emission limitation or standard, or any existing monitoring, testing, reporting, or recordkeeping requirement that may apply under federal, state, or local law, or any other applicable requirements under the Act.
- (8) CAM recordkeeping requirements.
 - (A) The Permittee shall maintain records of monitoring data, monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to paragraph (b)(2)(B) of this condition and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under this condition (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Section C - General Record Keeping Requirements of this permit contains the Permittee's obligations with regard to the records required by this condition.

- (B) Instead of paper records, the owner or operator may maintain records on alternative media, such as microfilm, computer files, magnetic tape disks, or microfiche, provided that the use of such alternative media allows for expeditious inspection and review, and does not conflict with other applicable recordkeeping requirements

C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

- (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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]

In accordance with the compliance schedule specified in 326 IAC 2-6-3(b)(3), starting in 2015 and every three (3) years thereafter, the Permittee shall submit by July 1 an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:

- (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
- (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1(32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue
MC 61-50 IGCN 1003
Indianapolis, Indiana 46204-2251

The emission statement does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2]
[326 IAC 2-3]

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

- (AA) All calibration and maintenance records.
- (BB) All original strip chart recordings for continuous monitoring instrumentation.
- (CC) Copies of all reports required by the Part 70 permit.

Records of required monitoring information include the following:

- (AA) The date, place, as defined in this permit, and time of sampling or measurements.
- (BB) The dates analyses were performed.
- (CC) The company or entity that performed the analyses.
- (DD) The analytical techniques or methods used.
- (EE) The results of such analyses.
- (FF) The operating conditions as existing at the time of sampling or measurement.

These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

- (b) Unless otherwise specified in this permit, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.
- (c) If there is a reasonable possibility (as defined in 326 IAC 2-2-8 (b)(6)(A), 326 IAC 2-2-8 (b)(6)(B), 326 IAC 2-3-2 (l)(6)(A), and/or 326 IAC 2-3-2 (l)(6)(B)) that a "project" (as defined in 326 IAC 2-2-1(o) and/or 326 IAC 2-3-1(j)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(dd) and/or 326 IAC 2-3-1(y)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(pp) and/or 326 IAC 2-3-1(kk)), the Permittee shall comply with the following:
 - (1) Before beginning actual construction of the "project" (as defined in 326 IAC 2-2-1(o) and/or 326 IAC 2-3-1(j)) at an existing emissions unit, document and maintain the following records:

- (A) A description of the project.
- (B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.
- (C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:
 - (i) Baseline actual emissions;
 - (ii) Projected actual emissions;
 - (iii) Amount of emissions excluded under section 326 IAC 2-2-1(pp)(2)(A)(iii) and/or 326 IAC 2-3-1 (kk)(2)(A)(iii); and
 - (iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.
- (d) If there is a reasonable possibility (326 IAC 2-2-8 (b)(6)(A) and/or 326 IAC 2-3-2 (l)(6)(A)) that a "project" (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(dd) and/or 326 IAC 2-3-1(y)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(pp) and/or 326 IAC 2-3-1(kk)), the Permittee shall comply with following:
 - (1) Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and
 - (2) Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.

C.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2]
[40 CFR 64] [326 IAC 3-8]

- (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 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

On and after the date by which the Permittee must use monitoring that meets the requirements of 40 CFR Part 64 and 326 IAC 3-8, the Permittee shall submit CAM reports to the IDEM, OAQ.

A report for monitoring under 40 CFR Part 64 and 326 IAC 3-8 shall include, at a minimum, the information required under paragraph (a) of this condition and the following information, as applicable:

- (1) Summary information on the number, duration and cause (including unknown cause, if applicable) of excursions or exceedances, as applicable, and the corrective actions taken;
- (2) Summary information on the number, duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable); and
- (3) A description of the actions taken to implement a QIP during the reporting period as specified in Section C-Response to Excursions or Exceedances. Upon completion of a QIP, the owner or operator shall include in the next summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions or exceedances occurring.

The Permittee may combine the Quarterly Deviation and Compliance Monitoring Report and a report pursuant to 40 CFR 64 and 326 IAC 3-8.

- (b) The address for report submittal is:

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

- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit, "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

- (e) If the Permittee is required to comply with the recordkeeping provisions of (d) in Section C - General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1 (qq) and/or 326 IAC 2-3-1 (II)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:
- (1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C - General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1 (ww) and/or 326 IAC 2-3-1 (pp), for that regulated NSR pollutant, and
 - (2) The emissions differ from the preconstruction projection as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(ii).
- (f) The report for project at an existing emissions unit shall be submitted no later than sixty (60) days after the end of the year and contain the following:
- (1) The name, address, and telephone number of the major stationary source.
 - (2) The annual emissions calculated in accordance with (d)(1) and (2) in Section C - General Record Keeping Requirements.
 - (3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) and/or 326 IAC 2-3-2(c)(3).
 - (4) Any other information that the Permittee wishes to include in this report such as an explanation as to why the emissions differ from the preconstruction projection.

Reports required in this part 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

- (g) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C - General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

Stratospheric Ozone Protection

C.19 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) Four (4) natural gas-fired boilers, identified as EU-011A, EU-011B, EU-011C, and EU-011D, approved for construction in 2013, with a maximum rated heat input capacity of 218 MMBtu/hr each, using ultra low NO_x burners and flue gas recirculation for NO_x emissions control, equipped with NO_x CEMS, and exhausting to the ambient atmosphere through stacks EP-011A, EP-011B, EP-011C, and EP-011D. [40 CFR 60, Subpart Db]
[40 CFR 63, Subpart DDDDD]

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

Construction Conditions

General Construction Conditions

D.1.1 Permit No Defense

This permit to construct does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated there under, as well as other applicable local, state, and federal requirements.

Effective Date of the Permit

D.1.2 Effective Date of the Permit [IC 13-15-5-3]

Pursuant to IC 13-15-5-3, this section of this permit becomes effective upon its issuance.

D.1.3 Modifications to Construction Conditions [326 IAC 2]

All requirements of these construction conditions shall remain in effect unless modified in a manner consistent with procedures established for revisions pursuant to 326 IAC 2.

Operating Conditions

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.4 PSD Best Available Control Technology Limits [326 IAC 2-2-3]

Pursuant to PSD/Operating Permit T 147-32322-00062 and 326 IAC 2-2-3 (Prevention of Significant Deterioration), the best available control technology (BACT) for Boiler Units EU-011A, EU-011B, EU-011C, and EU-011D shall be as follows:

Common PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG Conditions:

- (a) PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG from the boilers (EU-011A, EU-011B, EU-011C and EU-011D) shall be controlled through the use of proper boiler design and good combustion practices.
- (b) Combined fuel usage in the boilers (EU-011A, EU-011B, EU-011C and EU-011D) shall not exceed 2,802 MMCF per twelve consecutive month period with compliance determined at the end of each month.

- (c) The boilers (EU-011A, EU-011B, EU-011C, and EU-011D) shall combust natural gas.

PM, PM₁₀ and PM_{2.5}:

- (d) PM, PM₁₀ and PM_{2.5} emissions from each of the boilers (EU-011A, EU-011B, EU-011C and EU-011D) shall not exceed 1.9, 7.6 and 7.6 lb/MMCF, respectively, based on a three-hour average. PM includes filterable particulate matter, while, PM₁₀ and PM_{2.5} include both filterable and condensable particulate matter.

NO_x:

- (e) NO_x emissions from the boilers (EU-011A, EU-011B, EU-011C, and EU-011D) shall be controlled by the use of Ultra Low NO_x Burners and Flue Gas Recirculation (FGR).
- (f) NO_x emissions from each of the boilers (EU-011A, EU-011B, EU-011C, and EU-011D) shall not exceed 20.40 lb/MMCF, based on a twenty-four hour average.

CO:

- (g) CO emissions from each of the boilers (EU-011A, EU-011B, EU-011C, and EU-011D) shall not exceed 37.22 lb/MMCF, based on a three-hour average.

VOC:

- (h) VOC emissions from each of the boilers (EU-011A, EU-011B, EU-011C, and EU-011D) shall not exceed 5.5 lb/MMCF, based on a three-hour average.

GHG:

- (i) CO₂ emissions from each of the boilers (EU-011A, EU-011B, EU-011C, and EU-011D) shall not exceed 59.61 tons/MMCF, based on a three-hour average.
- (j) Each of the boilers (EU-011A, EU-011B, EU-011C and EU-011D) shall be equipped with the following energy efficient design features: air inlet controls, heat recovery, condensate recovery, and blowdown heat recovery.
- (k) Each of the boilers (EU-011A, EU-011B, EU-011C and EU-011D) shall be designed to achieve a thermal efficiency of 80% (HHV).

D.1.5 General Provisions Relating to New Source Performance Standards (NSPS)
[40 CFR 60, Subpart A] [326 IAC 12]

The provisions of 40 CFR 60, Subpart A – General Provisions, which are incorporated by reference in 326 IAC 12-1-1, apply to the natural gas-fired boilers, identified as EU-011A, EU-011B, EU-011C and EU-011D, except when otherwise specified in 40 CFR 60, Subpart Dd.

D.1.6 New Source Performance Standards (NSPS) [40 CFR 60, Subpart Db] [326 IAC 12]

The Permittee shall comply with the following provisions of 40 CFR 60, Subpart Db (Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units) included as Attachment F of this permit, which are incorporated by reference as 326 IAC 12, for the natural gas-fired boilers, identified as EU-011A, EU-011B, EU-011C and EU-011D as specified as follows:

- (1) 40 CFR 60.42b(k)(2);
- (2) 40 CFR 60.44b(h) and (i);
- (3) 40 CFR 60.44b(l);

- (4) 40 CFR 60.46b(a);
- (5) 40 CFR 60.46b(c);
- (6) 40 CFR 60.46b(e);
- (7) 40 CFR 60.48b(b) to (f);
- (8) 40 CFR 60.49b(a) and (b);
- (9) 40 CFR 60.49b(d);
- (10) 40 CFR 60.49b(g);
- (11) 40 CFR 60.49b(i); and
- (12) 40 CFR 60.49b(o).

D.1.7 General Provisions Relating to National Emission Standards for Hazardous Air Pollutants (NESHAP) [40 CFR 63, Subpart A] [326 IAC 20-1]

Pursuant to 40 CFR 63.7495, the Permittee shall comply with the provisions of 40 CFR 60, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1, in accordance with the schedule in 40 CFR 63.7545, Subpart DDDDD.

D.1.8 National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters [40 CFR 63, Subpart DDDDD] [326 IAC 20-95]

The Permittee shall comply with the following provisions of 40 CFR 63, Subpart DDDDD, which are incorporated by reference as 326 IAC 20-95 (included as Attachment H of this permit), for the boilers, identified as EU-011A, EU-011B, EU-011C, and EU-011D, upon startup of the affected source:

- (1) 40 CFR 63.7485;
- (2) 40 CFR 63.7490 (b);
- (3) 40 CFR 63.7495 (a), (b);
- (4) 40 CFR 63.7500;
- (5) 40 CFR 63.7505;
- (6) 40 CFR 63.7510;
- (7) 40 CFR 63.7525;
- (8) 40 CFR 63.7540(a)(10);
- (9) 40 CFR 63.7545;
- (10) 40 CFR 63.7550;
- (11) 40 CFR 63.7555;
- (12) 40 CFR 63.7560;
- (13) 40 CFR 63.7565; and
- (14) Table 3(2).

D.1.9 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan is required for the natural gas-fired boilers, identified as EU-011A, EU-011B, EU-011C, and EU-011D. Section B – Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Monitoring Requirements

D.1.10 Maintenance of Continuous Emission Monitoring Equipment [326 IAC 3-5]

- (a) The Permittee shall install, calibrate, maintain, and operate all necessary continuous emission monitoring systems (CEMS) and related equipment for NO_x emissions on stacks EP-011A, EP-011B, EP-011C, and EP-011D.
- (b) All CEMS required by this permit shall meet all applicable performance specification of 40 CFR 60, and are subject to monitor system certification requirements pursuant to 326 IAC 3-5-3.

- (c) In the event that a breakdown of a continuous emission monitoring system occurs, a record shall be made of the times and reasons for the breakdown and the efforts made to correct the problem.
- (d) Whenever a NO_x CEMS is down for more than twenty-four (24) hours, the Permittee shall follow the best combustion practice.

Compliance Determination Requirements

D.1.11 Testing Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-6(6)]

- (a) In order to demonstrate the compliance status with Condition D.1.4(g) and within sixty (60) days of reaching maximum capacity but no later than one hundred and eighty (180) days after initial startup, the Permittee shall perform CO testing on stacks EP-011A, EP-011B, EP-011C and EP-011D utilizing methods as approved by the Commissioner. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.
- (b) In order to demonstrate the compliance status with Condition D.1.4(i) and within sixty (60) days of reaching maximum capacity but no later than one hundred and eighty (180) days after initial startup, the Permittee shall perform CO₂ testing on stacks EP-011A, EP-011B, EP-011C and EP-011D utilizing methods as approved by the Commissioner. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.
- (c) In order to demonstrate the compliance status with Condition D.1.4(k) – GHGs PSD BACT, and within sixty (60) days of reaching maximum capacity but no later than one hundred and eighty (180) days after initial startup, the Permittee shall perform thermal efficiency testing of the natural gas-fired boilers, identified as EU-011A, EU-011B, EU-011C and EU-011D utilizing methods as approved by the Commissioner. These tests shall be conducted once. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.12 Record Keeping Requirements

- (a) In order to document the compliance status with Condition D.1.4(b), the Permittee shall maintain monthly records of the combined fuel usage in natural gas-fired boilers EU-011A, EU-011B, EU-011C, and EU-011D.
- (b) In order to document the compliance status with Condition D.1.4(c), the Permittee shall maintain monthly records of the type of fuel combusted in EU-011A, EU-011B, EU-011C, and EU-011D.
- (c) In order to document the compliance status with Condition D.1.4(f) and Condition D.1.10, the Permittee shall maintain records of the output of the continuous emission monitoring system for NO_x and shall perform the required record keeping requirements pursuant to 326 IAC 3-5-6.

- (d) In order to document the compliance status with Condition D.1.4(f) and Condition D.1.10, the Permittee shall maintain records of all CEMS malfunctions, out of control periods, calibration and adjustment activities, and repair or maintenance activities.
- (e) Section C – General Record Keeping Requirements contains the Permittee's obligations with regard to the record keeping required by this condition.

D.1.13 Reporting Requirements

- (a) A quarterly summary of the information to document the compliance status with Condition D.1.4(b) shall be submitted not later than thirty (30) days after the end of the quarter being reported. Section C – General Reporting Requirements contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined in 326 IAC 2-7-1(35).
- (b) In order to document the compliance status with Condition D.1.4(f) and Condition D.1.10, the Permittee shall comply with all of the reporting requirements pursuant to 326 IAC 3-5-7.

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (a) A reformer process for production of hydrogen and nitrogen syngas consisting of the following emission units and emission control devices:
- (1) One (1) primary reformer, identified as EU-003, approved for construction in 2013, with a maximum rated heat input capacity of 1,006.4 MMBtu/hr, using selective catalytic reduction for NO_x emissions control, equipped with a NO_x CEMS, and exhausting to the ambient atmosphere through stack EP-003. [40 CFR 63, Subpart DDDDD]
 - (2) One (1) CO₂ purification process, identified as EU-004, with a maximum rated CO₂ production of 3,570 ton per day, approved for construction in 2013, and exhausting to the ambient atmosphere through stack EP-004. [40 CFR 63, Subpart FFFF]
 - (3) One (1) front end process flare for combusting intermittent process gas emissions from maintenance, startup, shutdown, and malfunctions, identified as EU-007, with a pilot nominally rated at 0.253 MMBtu/hr, approved for construction in 2013, utilizing proper flare design and operation minimization practices, and exhausting to the ambient atmosphere through the emission point EP-007.

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

Construction Conditions

General Construction Conditions

D.2.1 Permit No Defense

This permit to construct does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated there under, as well as other applicable local, state, and federal requirements.

Effective Date of the Permit

D.2.2 Effective Date of the Permit [IC 13-15-5-3]

Pursuant to IC 13-15-5-3, this section of this permit becomes effective upon its issuance.

D.2.3 Modifications to Construction Conditions [326 IAC 2]

All requirements of these construction conditions shall remain in effect unless modified in a manner consistent with procedures established for revisions pursuant to 326 IAC 2.

Operating Conditions

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.4 PSD Best Available Control Technology Limits [326 IAC 2-2-3] and VOC Best Available Control Technology (BACT) Limits [326 IAC 8-1-6]

Pursuant to PSD/Operating Permit T 147-32322-00062 and 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), the best available control technology (BACT) for the Primary Reformer (EU-003), the CO₂ Purification Process (EU-004), and the Front End Process Flare (EU-007) shall be as follows:

(a) **Primary Reformer (EU-003):**

Common PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG Conditions:

- (1) PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG emissions from the operation of Primary Reformer (EU-003) shall be controlled through the use of good combustion practices.
- (2) The Primary Reformer (EU-003) shall combust natural gas and/or process off gas streams.

PM, PM₁₀, PM_{2.5}:

- (3) PM, PM₁₀ and PM_{2.5} emissions from the operation of Primary Reformer (EU-003) shall not exceed 1.9, 7.6 and 7.6 lb/MMCF respectively, based on a three-hour average. PM includes filterable particulate matter, while, PM₁₀ and PM_{2.5} include both filterable and condensable particulate matter.

NO_x:

- (4) NO_x emissions from the Primary Reformer (EU-003) shall be controlled by selective catalytic reduction (SCR) at all times the reformer is in operation.
- (5) NO_x emissions from the Primary Reformer (EU-003) shall not exceed 9 ppm_{vd}, based on a thirty-day rolling average.

CO:

- (6) CO emissions from the Primary Reformer (EU-003) shall not exceed 43.45 lb/MMCF, based on a three-hour average.

VOC:

- (7) VOC emissions from the Primary Reformer (EU-003) shall not exceed 5.51 lb/MMCF, based on a three-hour average.

GHG:

- (8) CO₂ emissions from the Primary Reformer (EU-003) shall not exceed 59.61 tons/MMCF, based on a three-hour average.
- (9) The Primary Reformer (EU-003) shall be equipped with the following energy efficiency features: air inlet controls and flue gas heat recovery to pre-heat inlet fuel, inlet air and inlet steam flows.

- (10) The Primary Reformer (EU-003) shall be designed to achieve a thermal efficiency of 90% (HHV).
- (11) CO₂ emissions from the Primary Reformer (EU-003) shall not exceed 515,246 tons per twelve consecutive month period with compliance determined at the end of each month.

(b) **CO₂ Purification Process (EU-004):**

Common CO, VOC, and GHG Conditions:

- (1) Ammonia production shall not exceed 1,022,000 tons per twelve consecutive month period with compliance determined at the end of each month.

CO:

- (2) CO emissions from the CO₂ Purification Process Vent (EU-004) shall be controlled by the use of good operational procedures and the use of a process catalyst.
- (3) The CO emission rate shall not exceed 0.0117 lb/ton of ammonia produced, based on a three-hour average.

VOC:

- (4) The use of a low VOC catalyst providing a maximum VOC emission rate of 0.0558 lb VOC per ton of ammonia produced or less, based on a three-hour average.

GHG:

- (5) Good Operational Practices to achieve a CO₂ emission rate of 1.275 tons CO₂ per ton of ammonia, based on a three-hour average.

(c) **Front End Process Flare (EU-007):**

Common PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG Conditions:

- (1) In order to control PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG emissions, the pilot and purge gas fuels used in the flare shall be natural gas.
- (2) Venting in the Front End Process Flare (EU-007) shall not exceed 336 hours per twelve consecutive month period with compliance determined at the end of each month.
- (3) Comply with the following flare minimization practices to reduce emissions during startups, shutdowns, and other flaring events:
 - (A) Flare Use Minimization: Process syngas streams to flare EU-007 shall not contain ammonia. During the startup of the sequential reformer, only one process stream at a time shall be sent to the flare to the extent practicable. Maximize the use of process syngas during the startup of the Ammonia Unit;

- (B) The Permittee shall train all operators responsible for the day-to-day operation of the flares on the flare minimization practices and the specific procedures to follow during process startup, shutdown, and other flaring events; and
 - (C) The Permittee shall investigate the "root cause" of malfunction events that cause flaring events other than at startup or shutdown. This root cause analysis shall identify the apparent cause of unanticipated flaring event and shall recommend additional preventive measures that will minimize the chance of a repeat event. The Permittee shall implement the recommended preventive measures.
- (4) NO_x, CO, PM, PM₁₀ and PM_{2.5}, VOC, and GHG emissions shall be controlled by the use of the following practices:
- (A) Flares shall be designed for and operated with no visible emissions, except for periods not to exceed 5 minutes during any two consecutive hours;
 - (B) Flares shall be operated with a flame present at all times; and
 - (C) Flares shall be continuously monitored to assure the presence of a pilot flame with a thermocouple, infrared monitor, or other approved device.

PM, PM₁₀, PM_{2.5}:

- (5) PM emissions shall not exceed 0.0019 lb/MMBtu, based on a three-hour average.
- (6) PM₁₀ and PM_{2.5} emissions shall not exceed 0.0075 lb/MMBtu, based on a three-hour average.

NO_x:

- (7) NO_x emissions from the Front End Process Flare (EU-007) shall not exceed 0.068 lb /MMBtu, based on a three-hour average, during normal operation, non-venting periods.
- (8) NO_x emissions from the Front End Process Flare (EU-007) shall not exceed 595.47 lb/hr, based on a three-hour average, during venting events.

CO:

- (9) CO emissions from the Front End Process Flare (EU-007) shall not exceed 0.37 lb/MMBtu, based on a three-hour average, during normal operations, non-venting periods.
- (10) CO emissions from the Front End Process Flare (EU-007) shall not exceed 3,240.16 lb/hr, based on a three-hour average, during venting events.

VOC:

- (11) VOC emissions from the Front End Process Flare (EU-007) shall not exceed 0.0054 lb/MMBtu, based on a three-hour average, during normal operations, non-venting periods.
- (12) VOC emissions from the Front End Process Flare (EU-007) shall not exceed 47.26 lb/hr, based on a three-hour average, during venting events.

GHG:

- (13) CO₂ emissions from the Front End Process Flare (EU-007) shall not exceed 116.89 lb CO₂/MMBtu, based on a three-hour average, during normal operation, non-venting periods.
- (14) CO₂ emissions from the Front End Process Flare (EU-007) shall not exceed 511.80 ton CO₂/hr, based on a three-hour average, during venting events.

D.2.5 General Provisions Relating to National Emission Standards for Hazardous Air Pollutants (NESHAP) [40 CFR 63, Subpart A] [326 IAC 20-1]

Pursuant to 40 CFR 63.2540, the Permittee shall comply with the provisions of 40 CFR 60, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1, as specified in Table 12 of 40 CFR 63, Subpart FFFF, in accordance with the schedule in 40 CFR 63, Subpart FFFF.

D.2.6 National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing [40 CFR 63, Subpart FFFF] [326 IAC 20-84]

The Permittee shall comply with the following provisions of 40 CFR 63, Subpart FFFF, which are incorporated by reference as 326 IAC 20-84 (included as Attachment A of this permit), for all affected facilities upon startup of the affected source:

- (1) 40 CFR 63.2435;
- (2) 40 CFR 63.2440;
- (3) 40 CFR 63.2445 (a)(2);
- (4) 40 CFR 63.2450;
- (5) 40 CFR 63.2455;
- (6) 40 CFR 63.2480;
- (7) 40 CFR 63.2495;
- (8) 40 CFR 63.2500;
- (9) 40 CFR 63.2515;
- (10) 40 CFR 63.2520;
- (11) 40 CFR 63.2525;
- (12) 40 CFR 63.2540; and
- (13) Table 6

D.2.7 General Provisions Relating to National Emission Standards for Hazardous Air Pollutants (NESHAP) [40 CFR 63, Subpart A] [326 IAC 20-1]

Pursuant to 40 CFR 63.7495, the Permittee shall comply with the provisions of 40 CFR 60, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1, in accordance with the schedule in 40 CFR 63.7545, Subpart DDDDD.

D.2.8 National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters [40 CFR 63, Subpart DDDDD] [326 IAC 20-95]

The Permittee shall comply with the following provisions of 40 CFR 63, Subpart DDDDD, which are incorporated by reference as 326 IAC 20-95 (included as Attachment H of this permit), for the Primary Reformer (EU-003), upon startup of the affected source:

- (1) 40 CFR 63.7485;
- (2) 40 CFR 63.7490 (b);
- (3) 40 CFR 63.7495 (a), (b);
- (4) 40 CFR 63.7500;
- (5) 40 CFR 63.7505;
- (6) 40 CFR 63.7510;
- (7) 40 CFR 63.7525;
- (8) 40 CFR 63.7540(a)(10);
- (9) 40 CFR 63.7545;
- (10) 40 CFR 63.7550;
- (11) 40 CFR 63.7555;
- (12) 40 CFR 63.7560;
- (13) 40 CFR 63.7565; and
- (14) Table 3(2).

D.2.9 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan is required for the Primary Reformer (EU-003), the CO₂ Purification Process (EU-004), and the Front End Process Flare (EU-007). Section B – Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements

D.2.10 Testing Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-6(6)]

- (a) In order to demonstrate the compliance status with Condition D.2.4(a)(7) and within sixty (60) days of reaching maximum capacity but no later than one hundred and eighty (180) days after initial startup, the Permittee shall perform CO testing on stack EP-003 utilizing methods as approved by the Commissioner. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.
- (b) In order to demonstrate the compliance status with Condition D.2.4(a)(9) and within sixty (60) days of reaching maximum capacity but no later than one hundred and eighty (180) days after initial startup, the Permittee shall perform CO₂ testing on stack EP-003 utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five 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). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.
- (c) In order to demonstrate the compliance status with Condition D.2.4(b)(3) and within sixty (60) days of reaching maximum capacity but no later than one hundred and eighty (180) days after initial startup, the Permittee shall perform CO testing on stack EP-004 utilizing methods as approved by the Commissioner. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

- (d) In order to demonstrate the compliance status with Condition D.2.4(b)(4) and within sixty (60) days of reaching maximum capacity but no later than one hundred and eighty (180) days after initial startup, the Permittee shall perform VOC testing on stack EP-004 utilizing methods as approved by the Commissioner. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.
- (e) In order to demonstrate the compliance status with Condition D.2.4(b)(5) and within sixty (60) days of reaching maximum capacity but no later than one hundred and eighty (180) days after initial startup, the Permittee shall perform CO₂ testing on stack EP-004 utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five 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). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.
- (f) In order to demonstrate the compliance status with Condition D.2.4(a)(11) – GHGs PSD BACT, and within sixty (60) days of reaching maximum capacity but no later than one hundred and eighty (180) days after initial startup, the Permittee shall perform thermal efficiency testing of the Primary Reformer (EU-003) utilizing methods as approved by the Commissioner. These tests shall be conducted once. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

D.2.11 Flare Emissions [326 IAC 2-7-6(1)][326 IAC 2-7-6(6)]

- (a) In order to demonstrate compliance with the emission limits in Conditions D.2.4(c)(8), (10), (12), and (14), the Permittee shall use the following equations:

For NO_x, CO, VOC, and CO₂:

$$E = (H \times EF) + PE$$

Where:

E= Pollutant Emissions (lb/hr)

$$EF_{NOx} = 0.068 \text{ lb/MMBtu}$$

$$EF_{CO} = 0.3700 \text{ lb/MMBtu}$$

$$EF_{VOC} = 0.0054 \text{ lb/MMBtu}$$

$$EF_{CO2} = 116.8879 \text{ lb/MMBtu}$$

$$PE_{NOx} = 2.566 \text{ lb/hr from pilot and purge}$$

$$PE_{CO} = 13.964 \text{ lb/hr from pilot and purge}$$

$$PE_{VOC} = 0.204 \text{ lb/hr from pilot and purge}$$

$$PE_{CO2} = 4,411.47 \text{ lb/hr from pilot and purge}$$

$H = \text{Hourly Heat Input (MMBtu/hr)} = F_{1-4} \text{ (lb/hr)} \times \text{HHV} \times 100\% \text{ (portion of flare stream combusted)} \times 1 \text{ MMBtu/1,000,000 Btu}$

Where:

F_{1-4} = Flow of flared gas from ammonia free streams (lb/hr)

HHV_1 = 2,830.8 Btu/lb or other value determined by testing

HHV_2 = 2,775.0 Btu/lb or other value determined by testing

HHV_3 = 6,767.2 Btu/lb or other value determined by testing

HHV_4 = 2,830.8 Btu/lb or other value determined by testing

- (b) The value F_{1-4} shall be determined through flow monitoring of gases sent to the flare, process operational data, mass balance or other engineering methods.

D.2.12 Carbon Dioxide (CO₂) Calculations

To determine the compliance status with Condition D.2.4(a)(12), the Permittee shall use the following equation for each fuel burned to determine the CO₂ emissions from the Primary Reformer (EU-003):

$\text{CO}_2 \text{ emissions (ton/month)} = (\text{Fuel Usage (MMSCF/month)}) \times (\text{CO}_2 \text{ EF (lb/MMSCF)}) \times 1 \text{ ton/2,000 lb}$

The monthly emission rate for each fuel shall be summed together.

Where:

$\text{Fuel Usage (MMSCF/month)}$ = monthly reformer fuel usage data determined through flow monitoring, process operational data, mass balance, or other engineering methods.

$\text{CO}_2 \text{ EF (lb/MMSCF)} = 119,220 \text{ lb CO}_2/\text{MMSCF}$ for natural gas

$\text{CO}_2 \text{ EF (lb/MMSCF)} = 119,220 \text{ lb CO}_2/\text{MMSCF} \times \% \text{ volume methane in process off-gas}$

The percent volume methane in process off-gases shall be determined through measurement, process operational data, mass balance, or other engineering methods.

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

D.2.13 Maintenance of Continuous Emission Monitoring Equipment [326 IAC 3-5]

- (a) The Permittee shall install, calibrate, maintain, and operate all necessary continuous emission monitoring systems (CEMS) and related equipment for NO_x emissions on stack EP-003.
- (b) All CEMS required by this permit shall meet all applicable performance specifications of 40 CFR 60, and are subject to monitor system certification requirements pursuant to 326 IAC 3-5-3.
- (c) In the event that a breakdown of a continuous emission monitoring system occurs, a record shall be made of the times and reasons for the breakdown and the efforts made to correct the problem.

- (d) Whenever a NO_x CEMS is down for more than twenty-four (24) hours, the Permittee shall monitor the catalyst bed inlet temperature used in conjunction with the Primary Reformer (EU-003) with a continuous temperature monitoring system no less often than once per four (4) hours. When for any one reading, the catalyst bed inlet temperature is below the minimum temperature, the Permittee shall take a reasonable response. The minimum temperature for this catalyst bed inlet is 380 °F, unless a new minimum temperature is determined during the most recent valid compliant stack test. Section C – Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A temperature reading that is below the minimum temperature is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.14 Record Keeping Requirements

- (a) In order to document the compliance status with Conditions D.2.4(a)(2) and D.2.4(a)(11), the Permittee shall maintain monthly records of the type of fuel combusted in the Primary Reformer (EU-003).
- (b) In order to document the compliance status with Condition D.2.4(b)(1), the Permittee shall maintain monthly records of ammonia production.
- (c) In order to document the compliance status with Condition D.2.4(c)(1), the Permittee shall maintain monthly records of the type of fuel combusted in the Front End Process Flare (EU-007).
- (d) In order to document the compliance status with Condition D.2.4(c)(2), the Permittee shall maintain monthly records of the hours of venting for the Front End Process Flare (EU-007). The Permittee shall include in its monthly record when a venting hours entry is not recorded and the reason for a lack of a venting hours entry. (e.g. the process did not operate that month).
- (e) In order to document the compliance status with the emission limits in Conditions D.2.4(a)(11) and D.2.4(c)(8), (10), (12), and (14), the Permittee shall maintain records of flow monitoring data, process operational data, mass balance, or other engineering estimation methods used to determine emissions.
- (f) In order to document the compliance status with Condition D.2.4(a)(5) and Condition D.2.13, the Permittee shall maintain records of the output of the continuous emission monitoring system for NO_x and shall perform the required record keeping requirements of 326 IAC 3-5-6.
- (g) In order to document the compliance status with Condition D.2.4(a)(5) and Condition D.2.13, the Permittee shall maintain records of all CEMS malfunctions, out of control periods, calibration and adjustment activities, and repair of maintenance activities.
- (h) To document the compliance status with Condition D.2.4(b)(4), the Permittee shall maintain a record of the use of a low VOC catalyst for the CO₂ Purification Process.
- (i) Section C – General Record Keeping Requirements contains the Permittee's obligations with regard to the record keeping required by this condition.

D.2.15 Reporting Requirements

- (a) A quarterly summary of the information to document the compliance status with Conditions D.2.4(a)(12), D.2.4(b)(1) and Condition D.2.4(c)(2) shall be submitted not later than thirty (30) days after the end of the quarter being reported. Section C – General Reporting Requirements contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a “responsible official” as defined in 326 IAC 2-7-1(35).
- (b) In order to document the compliance status with Condition D.2.4(a)(5) and Condition D.2.13, the Permittee shall comply with all of the reporting requirements pursuant to 326 IAC 3-5-7.

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (b) An ammonia unit with a maximum throughput capacity of 2,800 ton/day of ammonia consisting of the following emission units and emission control devices:
- (1) One (1) ammonia catalyst startup heater, identified as EU-010, approved for construction in 2013, with a maximum rated heat input capacity of 106.3 MMBtu/hr, utilizing no control devices, and exhausting to the ambient atmosphere through stack EP-010. [40 CFR 63, Subpart DDDDD]
 - (2) One (1) back end ammonia process vent flare for combusting intermittent process gas emissions from maintenance, startup, shutdown, and malfunctions, identified as EU-006, approved for construction in 2013, with pilot capacity of 0.253 MMBtu per hour, utilizing proper flare design and operation minimization practices, and exhausting to the ambient atmosphere through emission point EP-006.
 - (3) Four (4) ammonia bullet tanks, identified as EU-023A through EU-023D, with a maximum rated capacity of 90,000 gallons each, approved for construction in 2013, utilizing the flare identified as EU-005 as an emission control device, and exhausting to the ambient atmosphere through emissions point EP-005.
 - (4) Three (3) ammonia cold storage tanks, identified as EU-013A, EU-013B, and EU-013C, with a maximum rated capacity of 40,000 tons each, approved for construction in 2013, utilizing the flare identified as EU-005 as an emission control device, and exhausting to the ambient atmosphere through emission point EP-005.
 - (5) One (1) ammonia storage flare, identified as EU-005, approved for construction in 2013, with pilot capacity of 0.126 MMBtu per hour, utilizing proper flare design and operation minimization practices, and exhausting to the ambient atmosphere through emission point EP-005.

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

Construction Conditions

General Construction Conditions

D.3.1 Permit No Defense

This permit to construct does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated there under, as well as other applicable local, state, and federal requirements.

Effective Date of the Permit

D.3.2 Effective Date of the Permit [IC 13-15-5-3]

Pursuant to IC 13-15-5-3, this section of this permit becomes effective upon its issuance.

D.3.3 Modifications to Construction Conditions [326 IAC 2]

All requirements of these construction conditions shall remain in effect unless modified in a manner consistent with procedures established for revisions pursuant to 326 IAC 2.

Operating Conditions

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.3.4 PSD Best Available Control Technology Limits [326 IAC 2-2-3]

Pursuant to PSD/Operating Permit T 147-32322-00062 and 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), the best available control technology (BACT) for the Ammonia Catalyst Startup Heater (EU-010), the Back End Ammonia Process Flare (EU-006) and the Ammonia Storage Flare (EU-005) shall be as follows:

(a) **Ammonia Catalyst Startup Heater (EU-010):**

Common PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG Conditions:

- (1) In order to control PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG emissions, the Ammonia Catalyst Startup Heater (EU-010) shall combust natural gas.
- (2) In order to control PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG emissions, the Ammonia Catalyst Startup Heater (EU-010) shall be controlled by good heater design and good combustion practices.
- (3) Fuel usage in the Ammonia Catalyst Startup Heater (EU-010) shall not exceed 20.84 MMCF per twelve consecutive month period with compliance determined at the end of each month.

PM, PM₁₀, PM_{2.5}:

- (4) PM, PM₁₀ and PM_{2.5} emissions from the Ammonia Catalyst Startup Heater (EU-010) shall not exceed 1.9, 7.6, and 7.6 lb/MMCF respectively, based on a three-hour average. PM includes filterable particulate matter, while, PM₁₀ and PM_{2.5} include both filterable and condensable particulate matter.

NO_x:

- (5) NO_x emissions from the Ammonia Catalyst Startup Heater (EU-010) shall not exceed 183.70 lb/MMCF, based on a three-hour average.

CO:

- (6) CO emissions from the Ammonia Catalyst Startup Heater (EU-010) shall not exceed 37.23 lb/MMCF, based on a three-hour average.

VOC:

- (7) VOC emissions from the Ammonia Catalyst Startup Heater (EU-010) shall not exceed 5.50 lb/MMCF, based on a three-hour average.

GHG:

- (8) CO₂ emissions from the Ammonia Catalyst Startup Heater (EU-010) shall not exceed 59.61 ton/MMCF, based on a three-hour average.

(b) **Back End Ammonia Process Flare (EU-006):**

Common PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG Conditions:

- (1) In order to control PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG emissions, the pilot and purge gas fuels used in the flare shall be natural gas.
- (2) Venting in the Back End Ammonia Process Flare (EU-006) shall not exceed 336 hours per twelve consecutive month period with compliance determined at the end of each month.
- (3) Comply with the following flare minimization practices to reduce emissions during startups, shutdowns, and other flaring events:
- (A) Flare Use Minimization: Flare EU-006 shall be limited to flaring ammonia during high-pressure events to the extent practicable. The ammonia compressor main shall be depressurized prior to compressor maintenance. The Permittee shall limit venting ammonia rich streams to Flare EU-006 to the extent practicable during non-emergency startup and shutdown operations;
 - (B) The Permittee shall train all operators responsible for the day-to-day operation of the flares on the flare minimization practices and the specific procedures to follow during process startup, shutdown, and other flaring events; and
 - (C) The Permittee shall investigate the "root cause" of malfunction events that cause flaring events other than at startup or shutdown. This root cause analysis shall identify the apparent cause of unanticipated flaring event and shall recommend additional preventive measures that will minimize the chance of a repeat event. The Permittee shall implement the recommended preventive measures.
- (4) PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG emissions from the Back End Ammonia Process Vent Flare (EU-006) shall be controlled by the use of the following practices:
- (A) Flares shall be designed for and operated with no visible emissions, except for periods not to exceed 5 minutes during any two consecutive hours;
 - (B) Flares shall be operated with a flame present at all times; and
 - (C) Flares shall be continuously monitored to assure the presence of a pilot flame with a thermocouple, infrared monitor, or other approved device.

PM, PM₁₀, PM_{2.5}:

- (5) PM emissions in the Back End Ammonia Process Flare (EU-006) shall not exceed 0.0019 lb/MMBtu, based on a three-hour average.
- (6) PM₁₀ and PM_{2.5} emissions in the Back End Ammonia Process Flare (EU-006) shall not exceed 0.0075 lb/MMBtu, based on a three-hour average.

NO_x:

- (7) NO_x emissions from the Back End Ammonia Process Vent Flare (EU-006) shall not exceed 0.068 lb/MMBtu, based on a three-hour average, during normal operation, non-venting periods.
- (8) NO_x emissions from the Back End Ammonia Process Vent Flare (EU-006) shall not exceed 624.94 lb/hr, based on a three-hour average, during venting events.

CO:

- (9) CO emissions from the Back End Ammonia Process Flare (EU-006) shall not exceed 0.37 lb/MMBtu, based on a three-hour average, during normal operations, non-venting periods.
- (10) CO emissions from the Back End Ammonia Process Flare (EU-006) shall not exceed 804.76 lb/hr, based on a three-hour average, during venting events.

VOC:

- (11) VOC emissions from the Back End Process Flare (EU-006) shall not exceed 0.0054 lb/MMBtu, based on a three-hour average, during normal operations, non-venting period.
- (12) VOC emission from the Back End Process Flare (EU-006) shall not exceed 11.73 lb/hr, based on a three-hour average, during venting events.

GHG:

- (13) CO₂ emissions from the Back End Ammonia Process Vent Flare (EU-006) shall not exceed 116.89 lb/MMBtu, based on a three-hour average, during normal operations, non-venting periods.
- (14) CO₂ emissions from the Back End Ammonia Process Vent Flare (EU-006) shall not exceed 127.12 ton CO₂/hr, based on a three-hour average, during venting events.

(c) **Ammonia Storage Flare (EU-005):**

Common PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG Conditions:

- (1) In order to control PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG emissions, the pilot and purge gas fuels used in the flare shall be natural gas.

- (2) Venting for Startup, Shutdown and Malfunction shall not exceed 168 hours per twelve consecutive month period with compliance determined at the end of each month.
- (3) Comply with the following flare minimization practices to reduce emissions during startups, shutdowns, and other flaring events:
 - (A) Flare Use Minimization: The Permittee shall limit periods when the backup storage compressor and the ammonia refrigeration compressor are offline at the same time to the extent practicable;
 - (B) The Permittee shall train all operators responsible for the day-to-day operation of the flares on the flare minimization practices and the specific procedures to follow during process startup, shutdown, and other flaring events; and
 - (C) The Permittee shall investigate the "root cause" of malfunction events that cause flaring events other than at startup or shutdown. This root cause analysis shall identify the apparent cause of unanticipated flaring event and shall recommend additional preventive measures that will minimize the chance of a repeat event. The Permittee shall implement the recommended preventive measures.
- (4) PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG emissions shall be controlled by the use of the following practices:
 - (A) Flares shall be designed for and operated with no visible emissions, except for periods not to exceed 5 minutes during any two consecutive hours;
 - (B) Flares shall be operated with a flame present at all times; and
 - (C) Flares shall be continuously monitored to assure the presence of a pilot flame with a thermocouple, infrared monitor, or other approved device.

PM, PM₁₀, PM_{2.5}:

- (5) PM emissions from the Ammonia Storage Flare (EU-005) shall not exceed 0.0019 lb/MMBtu, based on a three-hour average.
- (6) PM₁₀ and PM_{2.5} emissions Ammonia Storage Flare (EU-005) shall not exceed 0.0075 lb/MMBtu, based on a three-hour average.

NO_x:

- (7) NO_x emissions from the Ammonia Storage Flare (EU-005) shall not exceed 0.068 lb/MMBtu, based on a three-hour average, during normal operation, non-venting periods.
- (8) NO_x emissions from the Ammonia Storage Flare (EU-005) shall not exceed 125.0 lb/hour, based on a three-hour average, during venting events.

CO:

- (9) CO emissions from the Ammonia Storage Flare (EU-005) shall not exceed 0.37 lb/MMBtu, based on a three-hour average.

VOC:

- (10) VOC emissions from the Ammonia Storage System Flare (EU-005) shall not exceed 0.0054 lb/MMBtu, based on a three-hour average.

GHG:

- (11) CO₂ emissions from the Ammonia Storage Flare (EU-005) shall not exceed 52.02 lb/hr, based on a three-hour average.

D.3.5 General Provisions Relating to National Emission Standards for Hazardous Air Pollutants (NESHAP) [40 CFR 63, Subpart A] [326 IAC 20-1]

Pursuant to 40 CFR 63.7495, the Permittee shall comply with the provisions of 40 CFR 60, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1, in accordance with the schedule in 40 CFR 63.7545, Subpart DDDDD.

D.3.6 National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters [40 CFR 63, Subpart DDDDD] [326 IAC 20-95]

The Permittee shall comply with the following provisions of 40 CFR 63, Subpart DDDDD, which are incorporated by reference as 326 IAC 20-95 (included as Attachment H of this permit), for the Ammonia Catalyst Startup Heater (EU-010), upon startup of the affected source:

- (1) 40 CFR 63.7485;
- (2) 40 CFR 63.7490 (b);
- (3) 40 CFR 63.7495 (a), (b);
- (4) 40 CFR 63.7500;
- (5) 40 CFR 63.7505;
- (6) 40 CFR 63.7510;
- (7) 40 CFR 63.7525;
- (8) 40 CFR 63.7540(a)(10);
- (9) 40 CFR 63.7545;
- (10) 40 CFR 63.7550;
- (11) 40 CFR 63.7555;
- (12) 40 CFR 63.7560;
- (13) 40 CFR 63.7565; and
- (14) Table 3(2).

D.3.7 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan is required for the Ammonia Catalyst Startup Heater (EU-010), the Back End Ammonia Process Vent Flare (EU-006), and the Ammonia Storage Flare (EU-005). Section B – Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements

D.3.8 Flare Emissions [326 IAC 2-7-6(1)][326 IAC 2-7-6(6)]

- (a) In order to demonstrate compliance with the emission limits in Conditions D.3.4(b)(8), (10), (12), and (14), the Permittee shall use the following equations:

- (1) For CO, VOC, and CO₂:

$$E = (H \times EF) + PE$$

Where:

E= Pollutant Emissions (lb/hr)

$$EF_{CO} = 0.3700 \text{ lb/MMBtu}$$

$$EF_{VOC} = 0.0054 \text{ lb/MMBtu}$$

$$EF_{CO_2} = 116.8879 \text{ lb/MMBtu}$$

$$PE_{CO} = 14.158 \text{ lb/hr from pilot and purge}$$

$$PE_{VOC} = 0.206 \text{ lb/hr from pilot and purge}$$

$$PE_{CO_2} = 4,472.60 \text{ lb/hr from pilot and purge}$$

H = Hourly Heat Input (MMBtu/hr) = F_1 (lb/hr) x HHV₁ x 100% (portion of flare stream combusted) x 1 MMBtu/1,000,000 Btu

Where:

F_1 = Flow of flared gases from ammonia free streams (lb/hr)

HHV₁ = 9,020.7 Btu/lb or other value determined by testing

- (2) For NO_x:

$$E = (H \times EF) + PE + FE$$

Where:

E= Pollutant Emissions (lb/hr)

$$EF_{NO_x} = 0.068 \text{ lb/MMBtu}$$

$$PE_{NO_x} = 2.60 \text{ lb/hr from pilot and purge}$$

$H = \text{Hourly Heat Input (MMBtu/hr)} = (F_1 \text{ (lb/hr)} \times \text{HHV}_1 \times 100\% \text{ (portion of flare stream combusted)} \times 1 \text{ MMBtu/1,000,000 Btu}) + (F_2 \text{ (lb/hr)} \times \text{HHV}_2 \times 98\% \text{ (portion of flare stream combusted)} \times 1 \text{ MMBtu/1,000,000 Btu})$

Where:

F_1 = Flow of flared gases from ammonia free streams (lb/hr)

$\text{HHV}_1 = 9,020.7 \text{ Btu/lb}$ or other value determined during testing

F_2 = Flow of flared gases from ammonia streams (lb/hr)

$\text{HHV}_2 = 7,996.5 \text{ Btu/lb}$ or other value determined by testing

$\text{FE}_{\text{NO}_x} = F \text{ (lb/hr)} \times (\text{Ammonia Combusted}) \times (\text{Ammonia in Flare Gas}) \times (\text{M.W. of NO}_2 / \text{M.W. of NH}_3) \times \text{FN}\%$

Where:

F = Flow of Flared Gases (lb/hr)

Ammonia Combusted = 98%

Ammonia in Flare Gas = 99.9%

M.W. of NO_2 = molecular weight of nitrogen dioxide = 46 lb/lb.mole

M.W. of NH_3 = molecular weight of ammonia = 17 lb/lb.mole

FN = Fuel NO_x factor for ammonia = 0.50%

- (b) In order to demonstrate compliance with the emission limits in Conditions D.3.4(c)(8) and (11), the Permittee shall use the following equations:

- (1) For NO_x and CO_2 :

$$E = (H \times EF) + PE + FE$$

Where:

E = Pollutant Emissions (lb/hr)

$EF_{\text{NO}_x} = 0.068 \text{ lb/MMBtu}$

$EF_{\text{CO}_2} = 0 \text{ lb/MMBtu}$ as there are no carbon containing vent streams

$PE_{\text{NO}_x} = 0.03 \text{ lb/hr}$ from pilot and purge

$PE_{\text{CO}_2} = 52.02 \text{ lb/hr}$ from pilot and purge

$H = \text{Hourly Heat Input (MMBtu/hr)} = F \text{ (lb/hr)} \times \text{HHV} \times 98\% \text{ (portion of flare stream combusted)} \times 1 \text{ MMBtu/1,000,000 Btu}$

Where:

F = Flow of Flared Gases (lb/hr)

$\text{HHV} = 7,779.7 \text{ Btu/lb}$ or other value determined by testing

$\text{FE}_{\text{NO}_x} = F \text{ (lb/hr)} \times (\text{Ammonia Combusted}) \times (\text{Ammonia in Flare Gas}) \times (\text{M.W. of NO}_2 / \text{M.W. of NH}_3) \times \text{FN}\%$

Where:

F = Flow of Flared Gases (lb/hr)

Ammonia Combusted = 98%

Ammonia in Flare Gas = 98.3%

M.W. of NO_2 = molecular weight of nitrogen dioxide = 46 lb/lb.mole

M.W. of NH_3 = molecular weight of ammonia = 17 lb/lb.mole

FN = Fuel NO_x factor for ammonia = 0.50%

- (c) The Permittee shall determine flow rates used in the equations in Conditions D.3.8(a) and (b) through flow monitoring of gases sent to the flare, process operational data, mass balance, or other engineering methods.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.3.9 Record Keeping Requirements

- (a) In order to document the compliance status with Condition D.3.4(a)(1), the Permittee shall maintain monthly records of the type of fuel combusted in the Ammonia Catalyst Startup Heater (EU-010).
- (b) In order to document the compliance status with Condition D.3.4(a)(3), the Permittee shall maintain monthly records of the amount of fuel combusted in the Ammonia Catalyst Startup Heater (EU-010).
- (c) In order to document the compliance status with Condition D.3.4(b)(1), the Permittee shall maintain monthly records of the type of fuel combusted in the Back End Ammonia Process Flare (EU-006).
- (d) In order to document the compliance status with Condition D.3.4(b)(2), the Permittee shall maintain a monthly record of the hours the Back End Ammonia Process Flare (EU-006) vents. The Permittee shall include in its monthly record when a venting hours entry is not recorded and the reason for a lack of a venting hours entry. (e.g. the process did not operate that month).
- (e) In order to document the compliance status with Condition D.3.4(c)(1), the Permittee shall maintain monthly records of the type of fuel combusted in the Ammonia Storage Flare (EU-005).
- (f) In order to document the compliance status with Condition D.3.4(c)(2), the Permittee shall maintain a monthly record of the hours the Ammonia Storage Flare (EU-005) vents. The Permittee shall include in its monthly record when a venting hours entry is not recorded and the reason for a lack of a venting hours entry. (e.g. the process did not operate that month).
- (g) In order to document compliance with the emission limits in Conditions D.3.4(b)(8), (10), (12), and (14), and D.3.4(c)(8) and (11), the Permittee shall maintain records of flow monitoring data, process operational data, mass balance, or other engineering estimation methods used to determine flare emissions.
- (h) Section C – General Record Keeping Requirements contains the Permittee's obligations with regard to the record keeping required by this condition.

D.3.10 Reporting Requirements

A quarterly summary of the information to document the compliance status with Condition D.3.4(a)(3), Condition D.3.4(b)(2) and Condition D.3.4(c)(2) shall be submitted not later than thirty (30) days after the end of the quarter being reported. Section C – General Reporting Requirements contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined in 326 IAC 2-7-1(35).

SECTION D.4 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (c) Two (2) urea ammonium nitrate (UAN) plants, including the production of urea, nitric acid, ammonium nitrate, and diesel exhaust fluid (DEF), consisting of the following emission units and emission control devices:
- (1) Two (2) nitric acid units, identified as EU-001A and EU-001B, with a maximum throughput capacity of 630 ton/day of 100% nitric acid each, approved for construction in 2013, equipped with selective catalytic reduction for NO_x control, catalytic decomposition for N₂O control, and a NO_x CEMS, and exhausting to the ambient atmosphere through tailgas stacks EP-001A and EP-001B. [40 CFR 60, Subpart Ga]
 - (2) Two (2) nitric acid storage tanks, identified as EU-022A and EU-022B, approved for construction in 2013, with a maximum throughput of 1,105 ton/day of 57% nitric acid each, and exhausting to the ambient atmosphere through the UAN process vent stacks EP-002A and EP-002B.
 - (3) Two (2) ammonium nitrate (AN) units, identified as EU-002A and EU-002B, approved for construction in 2013, with a maximum throughput capacity of 798 ton/day of ammonium nitrate each, utilizing a scrubber with particulate demister for particulate matter control, and exhausting to the ambient atmosphere through stacks EP-002A and EP-002B. [40 CFR 60, Subpart VVa]
 - (4) Two (2) UAN Storage Tanks, identified as EU-012A and EU-012B, approved for construction in 2013, with a maximum rated capacity of 30,000 tons each, and exhausting to the ambient atmosphere through vents EP-012A and EP-012B. [40 CFR 60, Subpart VVa]
 - (5) Three (3) UAN Day Tanks, identified as EU-020A, EU-020B, and EU-020C, approved for construction in 2013, with a maximum rated capacity of 750 tons each, and exhausting to the ambient atmosphere through vents EP-020A, EP-020B, and EP-020C. [40 CFR 60, Subpart VVa]
 - (6) Two (2) UAN loadout facilities (one (1) truck and one (1) for rail), identified as EU-024A and EU-024B, approved for construction in 2013, and exhausting to the ambient atmosphere as fugitive emission sources EP-024A and EP-024B. [40 CFR 60, Subpart VVa]
 - (7) One (1) UAN plant vent flare for combusting intermittent process gas emissions from maintenance, startup, shutdown, and malfunctions, identified as EU-017, approved for construction in 2013, with a pilot capacity of 0.189 MMBtu per hour, utilizing proper flare design and operation minimization practices, and exhausting to the ambient atmosphere through emission point EP-017.
 - (8) One (1) DEF tank, identified as EU-021, approved for construction in 2013, with capacity of 100 tons, and exhausting to the ambient atmosphere through vent EP-021. [40 CFR 60, Subpart VVa]
 - (9) One (1) DEF truck loadout facility, identified as EU-025, approved for construction in 2013, and exhausting to the ambient atmosphere as fugitive emission source EP-025. [40 CFR 60, Subpart VVa]

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

Construction Conditions

General Construction Conditions

D.4.1 Permit No Defense

This permit to construct does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated there under, as well as other applicable local, state, and federal requirements.

Effective Date of the Permit

D.4.2 Effective Date of the Permit [IC 13-15-5-3]

Pursuant to IC 13-15-5-3, this section of this permit becomes effective upon its issuance.

D.4.3 Modifications to Construction Conditions [326 IAC 2]

All requirements of these construction conditions shall remain in effect unless modified in a manner consistent with procedures established for revisions pursuant to 326 IAC 2.

Operating Conditions

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.4.4 PSD Best Available Control Technology Limits [326 IAC 2-2-3]

Pursuant to PSD/Operating Permit T 147-32322-00062 and 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), the best available control technology (BACT) for the Nitric Acid Units (EU-001A and EU-001B), the Ammonium Nitrate Units (EU-002A and EU-002B), the UAN Loadout Facilities (EU-024A and EU-024B), the UAN Plant Vent Flare (EU-017), the UAN Storage Tanks (EU-012A and EU-012B), the UAN Day Tanks (EU-020A, EU-020B and EU-020C), the UAN Loadout Facilities (EU-024A and EU-024B), the DEF Tank (EU-021), the DEF Truck Loadout (EU-025) and the Nitric Acid Storage Tanks (EU-022A and EU-022B) shall be as follows:

(a) **Nitric Acid Units (EU-001A and EU-001B):**

Common NO_x and GHG Conditions:

- (1) The combined nitric acid production from Nitric Acid Units (EU-001A and EU-001B) shall not exceed 459,900 tons of 100% nitric acid per twelve consecutive month period with compliance determined at the end of each month.

NO_x:

- (2) NO_x emissions from the Nitric Acid Units (EU-001A and EU-001B) shall not exceed 0.5 lb NO_x per ton acid, based on a thirty day average, each, using Selective Catalytic Reduction (SCR).

GHG:

- (3) N₂O emissions from each of the Nitric Acid Units (EU-001A and EU-001B) shall be controlled at all times by a catalytic decomposition process.
- (4) N₂O emissions from each of the Nitric Acid Units (EU-001A and EU-001B) shall not exceed 1.05 lb N₂O per ton of nitric acid, based on a three-hour average.

(b) **Ammonium Nitrate Units (EU-002A and EU-002B):**

Common PM, PM₁₀, PM_{2.5} and GHG Conditions

- (1) The maximum combined production of urea ammonium nitrate (UAN) for the Ammonium Nitrate Units (EU-002A and EU-002B) shall not exceed 1,314,000 tons per year.

PM, PM₁₀, PM_{2.5}:

- (2) The PM, PM₁₀ and PM_{2.5} emissions from the operation of each Ammonium Nitrate Units (EU-002A and EU-002B) shall not exceed 0.0128 lb per ton of urea ammonium nitrate (UAN), based on a three-hour average, through the use of a wet scrubber with demister.

GHG:

- (3) CO₂ emissions from the Ammonium Nitrate Units (EU-002A and EU-002B) shall be controlled by good operational practices in the reformer process including the Primary Reformer (EU-003) and CO₂ Purification Process (EU-004).
- (4) CO₂ emissions from each of the Ammonium Nitrate Units (EU-002A and EU-002B) shall not exceed 132.31 lb CO₂ per ton UAN, based on a three-hour average.

(c) **UAN Loadout Facilities (EU-024A and EU-024B):**

VOC:

VOC emissions from the UAN Loadout Facilities (EU-024A and EU-024B) shall each be controlled by the use of submerged/bottom fill and dedicated or clean cargo carrier operation.

(d) **UAN Plant Vent Flare (EU-017):**

Common PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG Conditions:

- (1) In order to control PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG emissions, the pilot and purge gas fuels used in the flare shall be natural gas.
- (2) Venting for Startup, Shutdown and Malfunction shall not exceed 336 hours per twelve consecutive month period with compliance determined at the end of each month.
- (3) Comply with the following flare minimization practices to reduce emissions during startups, shutdowns, and other flaring events:
- (A) Flare Use Minimization: The UAN process shall be properly operated to avoid emergency upsets. Startup time of the Nitric Acid Units shall be minimized. During emergency upsets of the Nitric Acid Units, the Permittee shall return some of the high and low-pressure off-gas back to the urea process as soon as urea production is reduced to a level that safely allows this;

- (B) The Permittee shall train all operators responsible for the day-to-day operation of the flares on the flare minimization practices and the specific procedures to follow during process startup, shutdown, and other flaring events; and
 - (C) The Permittee shall investigate the "root cause" of malfunction events that cause flaring events other than at startup or shutdown. This root cause analysis shall identify the apparent cause of unanticipated flaring event and shall recommend additional preventive measures that will minimize the chance of a repeat event. The Permittee shall implement the recommended preventive measures.
- (4) PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG emissions shall be controlled by the use of the following practices:
- (A) Flares shall be designed for and operated with no visible emissions, except for periods not to exceed 5 minutes during any two consecutive hours;
 - (B) Flares shall be operated with a flame present at all times; and
 - (C) Flares shall be continuously monitored to assure the presence of a pilot flame with a thermocouple, infrared monitor, or other approved device.

PM, PM₁₀, PM_{2.5}:

- (5) PM emissions from the UAN Plant Vent Flare (EU-017) shall not exceed 0.0019 lb/MMBtu, based on a three-hour average.
- (6) PM₁₀ and PM_{2.5} emissions from the UAN Plant Vent Flare (EU-017) shall not exceed 0.0075 lb/MMBtu, based on a three-hour average.

NO_x:

- (7) NO_x emissions from the UAN Plant Vent Flare (EU-017) shall not exceed 0.068 lb/MMBtu, based on a three-hour average, during normal operation, non-venting periods.
- (8) NO_x emissions from the UAN Plant Vent Flare (EU-017) shall not exceed 332.08 lb/hr, based on a three-hour average, during venting events.

CO:

- (9) CO emissions from the UAN Plant Vent Flare (EU-017) shall not exceed 0.37 lb/MMBtu, based on a three-hour average.

VOC:

- (10) VOC emissions from the UAN Plant Vent Flare (EU-017) shall not exceed 0.0054 lb/MMBtu, based on a three-hour average.

GHG:

- (11) CO₂ emissions from the UAN Plant Vent Flare (EU-017) shall not exceed 116.89 lb/MMBtu, based on a three-hour average, during normal operations, non-venting events.
- (12) CO₂ emissions from the UAN Plant Vent Flare (EU-017) shall not exceed 5.59 tons/hr, based on a three-hour average, during venting events.

(e) **Two (2) UAN Storage Tanks (EU-012A and EU-012B):**

VOC:

- (1) The use of white tank shells.
- (2) The use of submerged/bottom fills.

(f) **Three (3) UAN Day Tanks (EU-020A, EU-020B, and EU-020C):**

VOC:

- (1) The use of white tank shells.
- (2) The use of submerged/bottom fills.

(g) **One (1) DEF Tank (EU-021):**

VOC:

- (1) The use of a white tank shell.
- (2) The use of submerged/bottom fill.

(h) **One DEF Truck Loadout (EU-025):**

VOC:

The use of submerged/bottom fill.

(i) **Nitric Acid Storage Tanks (EU-022A and EU-022B):**

NO_x:

- (1) NO_x emissions from each of the Nitric Acid Storage Tanks (EU-022A and EU-022B) shall be controlled by the use of submerged/bottom fill.
- (2) Combined throughput of the Nitric Acid Storage Tanks (EU-022A and EU-022B) shall not exceed 806,842 tons of 57% nitric acid per twelve consecutive month period with compliance determined at the end of each month.
- (3) NO_x emissions from each of the Nitric Acid Storage Tanks (EU-022A and EU-022B) shall not exceed 0.0015 lb NO_x per ton of 57% nitric acid.

D.4.5 General Provisions Relating to New Source Performance Standards (NSPS)
[40 CFR 60, Subpart A] [326 IAC 12]

- (a) The provisions of 40 CFR 60, Subpart A – General Provisions, which are incorporated by reference in 326 IAC 12-1-1, apply to the nitric acid units, identified as EU-001A and EU-001B, except when otherwise specified in 40 CFR 60, Subpart Ga.
- (b) The provisions of 40 CFR 60, Subpart A – General Provisions, which are incorporated by reference in 326 IAC 12-1-1, apply to the ammonia nitrate units, identified as EU-002A and EU-002B, the UAN Storage Tanks, identified as EU-012A and EU-012B, the UAN Day Tanks, identified as EU-020A, EU-020B and EU-020C, the UAN loadout facilities, identified as EU-024A and EU-024B, the DEF tank, identified as EU-021, and the DEF truck loadout facility, identified as EU-025, except when otherwise specified in 40 CFR 60, Subpart VVa.

D.4.6 New Source Performance Standards (NSPS) [40 CFR 60, Subpart Ga] [326 IAC 12]

The Permittee shall comply with the following provisions of 40 CFR 60, Subpart Ga (Standards of Performance for Nitric Acid Plants for Which Construction, Reconstruction, or Modification Commenced after October 14, 2011 (included as Attachment D of this permit) which are incorporated by reference as 326 IAC 12, for the nitric acid units, identified as EU-001A and EU-001B as specified as follows:

- (1) 40 CFR 60.70a;
- (2) 40 CFR 60.72a;
- (3) 40 CFR 60.73a;
- (4) 40 CFR 60.74a;
- (5) 40 CFR 60.75a;
- (6) 40 CFR 60.76a; and
- (7) 40 CFR 60.77a.

D.4.7 New Source Performance Standards (NSPS) [40 CFR 60, Subpart VVa] [326 IAC 12]

The Permittee shall comply with the following provisions of 40 CFR 60, Subpart VVa (Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006 (included as Attachment C of this permit) which are incorporated by reference as 326 IAC 12, for the ammonium nitrate units, identified as EU-002A and EU-002B, the UAN Storage Tanks, identified as EU-012A and EU-012B, the UAN Day Tanks, identified as EU-020A, EU-020B and EU-020C, the UAN loadout facilities, identified as EU-024A and EU-024B, the DEF tank, identified as EU-021, and the DEF truck loadout facility, identified as EU-025, as specified as follows:

- (1) 40 CFR 60.480a(a) to (c);
- (2) 40 CFR 60.480a(d)(1) and (d)(3); and
- (3) 40 CFR 60.486a(i).

D.4.8 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan is required for the nitric acid units, identified as EU-001A and EU-001B, the ammonium nitrate units, identified as EU-002A and EU-002B and the UAN plant vent flare (EU-017). Section B – Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements

D.4.9 Testing Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-6(6)]

- (a) In order to demonstrate the compliance status with Condition D.4.4(a)(4) and within sixty (60) days of reaching maximum capacity but no later than one hundred and eighty (180) days after initial startup, the Permittee shall perform N₂O testing on stacks EP-001A and EP-001B utilizing methods as approved by the Commissioner. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.
- (b) In order to demonstrate the compliance status with Condition D.4.4(b)(2) and within sixty (60) days of reaching maximum capacity but no later than one hundred and eighty (180) days after initial startup, the Permittee shall perform PM, PM₁₀, PM_{2.5} testing on stacks EP-002A and EP-002B utilizing methods as approved by the Commissioner at least once every five (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). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition. PM₁₀ and PM_{2.5} include condensable and filterable PM.
- (c) In order to demonstrate the compliance status with Condition D.4.4(b)(4) and within sixty (60) days of reaching maximum capacity but no later than one hundred and eighty (180) days after initial startup, the Permittee shall perform CO₂ testing on stacks EP-002A and EP-002B utilizing methods as approved by the Commissioner. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

D.4.10 Maintenance of Continuous Emission Monitoring Equipment [326 IAC 3-5]

- (a) The Permittee shall install, calibrate, maintain, and operate all necessary continuous emission monitoring systems (CEMS) and related equipment for NO_x emissions on stacks EP-001A and EP-001B.
- (b) All CEMS required by this permit shall meet all applicable performance specification of 40 CFR 60 and are subject to monitor system certification requirements pursuant to 326 IAC 3-5-3.
- (c) In the event that a breakdown of a continuous emission monitoring system occurs, a record shall be made of the times and reasons for the breakdown and the efforts made to correct the problem.
- (d) Whenever a NO_x CEMS is down for more than twenty-four (24) hours, the Permittee shall follow the best operational practices.

D.4.11 Flare Emissions [326 IAC 2-7-6(1)][326 IAC 2-7-6(6)]

- (a) In order to demonstrate compliance with the emission limits in Conditions D.4.4(d)(8) and (12), the Permittee shall use the following equations:

- (1) For NO_x:

$$E = (H \times EF) + PE + FE$$

Where:

E = Pollutant Emissions (lb/hr)

$$EF_{NO_x} = 0.068 \text{ lb/MMBtu}$$

$$PE_{NO_x} = 0.44 \text{ lb/hr from pilot and purge}$$

H = Hourly Heat Input (MMBtu/hr) = F (lb/hr) x HHV x 98% (portion of flare stream combusted) x 1 MMBtu/1,000,000 Btu

Where:

F = Flow of Flared Gases (lb/hr)

HHV = 4,605 Btu/lb or other value determined by testing

$$FE_{NO_x} = F \text{ (lb/hr)} \times (\text{Ammonia Combusted}) \times (\text{Ammonia in Flare Gas}) \times \text{M.W. of NO}_2 / \text{M.W. of NH}_3 \times FN\%$$

Where:

F = Flow of Flares Gases (lb/hr)

Ammonia Combusted = 98%

Ammonia in Flare Gas = 72.18%

M.W. of NO₂ = molecular weight of nitrogen dioxide = 46 lb/lb.mole

M.W. of NH₃ = molecular weight of ammonia = 17 lb/lb.mole

FN = Fuel NO_x factor for ammonia = 0.50%

- (2) For CO₂:

$$E = (H \times EF) + PE$$

Where:

E = Pollutant Emissions (lb/hr)

F = Flow of Flared Gases (lb/hr)

$$EF_{CO_2} = 31\%$$

$$PE_{CO_2} = 751.12 \text{ lb/hr from pilot and purge}$$

- (b) The Permittee shall determine flow rates used in the equations in Condition D.4.11(a)(1) and (2) through flow monitoring of gases sent to the flare, process operational data, mass balance, or other engineering methods.

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

D.4.12 Parametric Monitoring

- (a) The Permittee shall record the pressure drop across the particulate demisters following the scrubbers used in conjunction with the ammonium nitrate (AN) units, identified as EU-002A and EU-002B at least once per day when the listed process are in operation. When for any one reading, the pressure drop is outside the normal range, the Permittee shall take a reasonable response. The normal pressure drop range for these particulate demisters is 1.5 to 11 inches of water, unless a different upper-bound or lower-bound value for this range is determined during the latest valid compliant stack test. Section C – Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure drop reading that is outside the range mentioned above is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

The instruments used for determining the particulate demister pressure drop shall comply with Section C – Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated or replaced at least once every six (6) months.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.4.13 Record Keeping Requirements

- (a) In order to document the compliance status with Condition D.4.4(a)(1), the Permittee shall maintain monthly records of the combined 100% nitric acid production from Nitric Acid Units (EU-001A and EU-001B).
- (b) In order to document the compliance status with Condition D.4.4(b)(1), the Permittee shall maintain monthly records of the combined urea ammonium nitrate (UAN) production from Ammonium Nitrate Units (EU-002A and EU-002B).
- (c) In order to document the compliance status with Condition D.4.4(d)(2), the Permittee shall maintain monthly records of the hours of process venting for the UAN Plant Vent Flare (EU-017).
- (d) In order to document the compliance status with Condition D.4.4(i)(2), the Permittee shall maintain monthly records of the combined 57% nitric acid throughput of the Nitric Acid Storage Tanks (EU-022A and EU-022B).
- (e) In order to document the compliance status with Conditions D.4.4(d)(8) and (12), the Permittee shall maintain records of flow monitoring data, process operational data, mass balance, or other engineering estimation methods used to determine flare emissions.
- (f) Section C – General Record Keeping Requirements contains the Permittee's obligations with regard to the record keeping required by this condition.

D.4.14 Reporting Requirements

A quarterly summary of the information to document the compliance status with Conditions D.4.4(a)(1), D.4.4(b)(1), D.4.4(d)(2) and D.4.4(i)(2) shall be submitted not later than thirty (30) days after the end of the quarter being reported. Section C – General Reporting Requirements contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined in 326 IAC 2-7-1(35).

SECTION D.5 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (a) One (1) diesel-fired emergency generator, identified as EU-009, approved for construction in 2013, with a maximum rated capacity of 4,690 horsepower, utilizing no control devices, and exhausting to the ambient atmosphere through stack EP-009. [40 CFR 60, Subpart IIII][40 CFR 63, Subpart ZZZZ]

Insignificant Activity:

- (b) One (1) diesel-fired emergency firewater pump, identified as EU-016, approved for construction in 2013, with a maximum rated capacity of 481 horsepower, utilizing no control devices, and exhausting to the ambient atmosphere through stack EP-016. [40 CFR 60, Subpart IIII][40 CFR 63, Subpart ZZZZ][326 IAC 2-2]
- (c) Two (2) cooling towers, with a total of fourteen (14) cells, identified as EU-008A through EU-008H and EU-019A through EU-019F, approved for construction in 2013, with a combined maximum rated capacity of 179,720 gallons per minute, utilizing high efficiency drift eliminators for particulate matter control, and exhausting to the ambient atmosphere through cells EP-008A through EP-008H and EP-019A through EP-019F. [326 IAC 2-2]
- (d) Fugitive NO_x, VOC and GHG Emissions from Equipment Leaks [326 IAC 2-2][40 CFR 60, Subpart VVa]
- (e) Paved roadways and parking lots with public access. [326 IAC 6-4][326 IAC 2-2]

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

Construction Conditions

General Construction Conditions

D.5.1 Permit No Defense

This permit to construct does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated there under, as well as other applicable local, state, and federal requirements.

Effective Date of the Permit

D.5.2 Effective Date of the Permit [IC 13-15-5-3]

Pursuant to IC 13-15-5-3, this section of this permit becomes effective upon its issuance.

D.5.3 Modifications to Construction Conditions [326 IAC 2]

All requirements of these construction conditions shall remain in effect unless modified in a manner consistent with procedures established for revisions pursuant to 326 IAC 2.

Operating Conditions

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.5.4 PSD Best Available Control Technology Limits [326 IAC 2-2-3]

Pursuant to PSD/Operating Permit T 147-32322-00062 and 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), the best available control technology (BACT) for the diesel-fired emergency generator (EU-009), the diesel-fired emergency firewater pump (EU-016), the two (2) cooling towers with a total of fourteen (14) cells (EU-008A through EU-008H and EU-019A through EU-019F), paved roadways and parking lots with public access, and the fugitive NO_x, VOC and GHG emissions from equipment leaks shall be as follows:

(a) **Diesel-Fired Emergency Generator (EU-009):**

Common PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG Conditions:

- (1) The hours of operation of the diesel-fired emergency generator (EU-009) shall not exceed 200 hours per twelve consecutive month period with compliance determined at the end of each month.
- (2) PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG emissions shall be controlled by the use of good combustion practices.

PM, PM₁₀, PM_{2.5}:

- (3) The PM, PM₁₀ and PM_{2.5} emissions from the operation of the diesel-fired emergency generator (EU-0009) shall not exceed 0.15 g/hp-hr, based on a three-hour average.

NO_x:

- (4) NO_x emissions from the diesel-fired emergency generator (EU-009) shall not exceed 4.46 g/hp-hr, based on a three-hour average.

CO:

- (5) CO emissions from the diesel-fired emergency generator (EU-009) shall not exceed 2.61 g/hp-hr, based on a three-hour average.

VOC:

- (6) VOC emissions from the diesel-fired emergency generator (EU-009) shall not exceed 0.31 g/hp-hr, based on a three-hour average.

GHG:

- (7) CO₂ emissions from the diesel-fired emergency generator (EU-009) shall not exceed 526.39 g/hp-hr, based on a three-hour average.

(b) **Diesel-Fired Emergency Firewater Pump (EU-016):**

Common PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC, and GHG Conditions:

- (1) Operation of the Diesel-Fired Emergency Firewater Pump (EU-016) shall not exceed 200 hours per twelve consecutive month period with compliance determined at the end of each month.
- (2) PM, PM₁₀, PM_{2.5}, NO_x, CO, VOC and GHG emissions from the Diesel-Fired Emergency Firewater Pump (EU-016) shall be controlled by the use of good combustion practices.

PM, PM₁₀, PM_{2.5}:

- (3) The PM, PM₁₀ and PM_{2.5} emissions from the operation of the Diesel-Fired Emergency Firewater Pump (EU-016) shall not exceed 0.15 g/hp-hr, based on a three-hour average.

NO_x:

- (4) NO_x emissions from the diesel-fired emergency firewater pump (EU-016) shall not exceed 2.86 g/hp-hr, based on a three-hour average.

CO:

- (5) CO emissions from the diesel-fired emergency firewater pump (EU-016) shall not exceed 2.60 g/hp-hr, based on a three-hour average.

VOC:

- (6) VOC emissions from the diesel-fired emergency firewater pump (EU-016) shall not exceed 0.141 g/hp-hr, based on a three-hour average.

GHG:

- (7) CO₂ emissions from the diesel-fired emergency firewater pump (EU-016) shall not exceed 527.40 g/hp-hr, based on a three-hour average.

(c) **Two (2) Cooling Towers (EU-008A through EU-008H and EU-019A through EU-019F):**

PM, PM₁₀, PM_{2.5}:

- (1) The PM, PM₁₀ and PM_{2.5} emissions from the Cooling Towers (EU-008A to H and EU-019A to F) shall be controlled by high efficiency drift eliminators designed with a drift loss rate of less than 0.0005%.
- (2) The total dissolved solids in the water used in Cooling Towers (EU-008A to H and EU-019A to F) shall not exceed 2,000 mg/l, averaged on a daily basis.

(d) **Paved Roadways and Parking Lots with Public Access:**

PM, PM₁₀, PM_{2.5}:

The PM, PM₁₀, and PM_{2.5} emissions from paved haul roads shall be controlled to an overall control efficiency of 90% by employing the following work practices:

- (1) Paving all plant haul roads;
- (2) Daily sweeping with wet suppression; and
- (3) Prompt cleanup of any spilled materials.

(e) **Fugitive VOC Emissions from Equipment Leaks:**

IDEM, OAQ has approved the proposed VOC BACT for fugitive VOC emissions from equipment leaks as the use of a leak detection and repair (LDAR) program. The leak detection and repair program specified in 40 CFR 60, Subpart VVa, as identified in Condition D.4.7 shall serve as BACT for VOC fugitive emissions.

D.5.5 General Provisions Relating to New Source Performance Standards (NSPS)
[40 CFR 60, Subpart A] [326 IAC 12]

The provisions of 40 CFR 60, Subpart A – General Provisions, which are incorporated by reference in 326 IAC 12-1-1, apply to the diesel-fired emergency generator, identified as EU-009, and the diesel-fired emergency firewater pump, identified as EU-016, except when otherwise specified in 40 CFR 60, Subpart IIII.

D.5.6 New Source Performance Standards (NSPS) [40 CFR 60, Subpart IIII] [326 IAC 12]

The Permittee shall comply with the following provisions of 40 CFR 60, Subpart IIII (Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (included as Attachment E of this permit) which are incorporated by reference as 326 IAC 12, for the diesel-fired emergency generator, identified as EU-009, and the diesel-fired emergency firewater pump, identified as EU-016, as specified as follows:

The emergency diesel-fired emergency generator (EU-009) is subject to the following portions of Subpart IIII.

- (1) 40 CFR 60.4200(a)(2)(i);
- (2) 40 CFR 60.4205;
- (3) 40 CFR 60.4206;
- (4) 40 CFR 60.4207;
- (5) 40 CFR 60.4208;
- (6) 40 CFR 60.4209(a);
- (7) 40 CFR 60.4211(a), (c) and (e)
- (8) 40 CFR 60.4212;
- (9) 40 CFR 60.4214(b); and
- (10) 40 CFR 60.4218.

The emergency diesel-fired firewater pump (EU-016) is subject to the following portions of Subpart IIII.

- (1) 40 CFR 60.4200(a)(2)(ii);
- (2) 40 CFR 60.4205;
- (3) 40 CFR 60.4206;
- (4) 40 CFR 60.4207;
- (5) 40 CFR 60.4208;
- (6) 40 CFR 60.4209(a);
- (7) 40 CFR 60.4211(a), (c) and (e);
- (8) 40 CFR 60.4212;
- (9) 40 CFR 60.4214(b);
- (10) 40 CFR 60.4218; and
- (11) Table 4

D.5.7 General Provisions Relating to National Emission Standards for Hazardous Air Pollutants (NESHAP) [40 CFR 63, Subpart A] [326 IAC 20-1]

Pursuant to 40 CFR 63.6665, the Permittee shall comply with the provisions of 40 CFR 60, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1, as specified in Table 8 of 40 CFR 63, Subpart ZZZZ, in accordance with the schedule in 40 CFR 63, Subpart ZZZZ.

D.5.8 National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines [40 CFR 63, Subpart ZZZZ] [326 IAC 20-82]

The Permittee shall comply with the following provisions of 40 CFR 63, Subpart ZZZZ, which are incorporated by reference as 326 IAC 20-82 (included as Attachment B of this permit), for all affected facilities upon startup of the affected source:

The emergency diesel-fired emergency generator (EU-009) is subject to the following portions of 40 CFR 63, Subpart ZZZZ:

- (1) 40 CFR 63.6605;
- (2) 40 CFR 63.6640; and
- (3) 40 CFR 63.6645(f).

The emergency diesel-fired firewater pump (EU-016) is subject to the following portions of 40 CFR 63, Subpart ZZZZ:

- (1) 40 CFR 63.6590(c)(6).

D.5.9 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan is required for the diesel-fired emergency generator, identified as EU-009, the diesel-fired emergency firewater pump, identified as EU-016, and the cooling towers, identified as EU-008A through EU-008H and EU-019A through EU-019H. Section B – Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements

D.5.10 Compliance Determination Requirements

To demonstrate compliance with Condition D.5.4(d), PM, PM₁₀ and PM_{2.5} PSD BACT:

- (a) Wet Suppression for roadway dust control shall be performed on paved roads except when:
 - (1) It is raining or snowing at the time of the scheduled treatment,
 - (2) The subject portion of the haul roads is covered by ice or snow or remains wet from recent precipitation or the previous wet suppression, or
 - (3) The road is not being used as a haul road on that day.

If ambient air temperature is below 32 °F at the time of a scheduled wet suppression treatment, the Permittee may clean the roadway dust with a vacuum sweeper in lieu of the wet suppression treatment.

- (b) Compliance shall be demonstrated for each active haul road using records of haul road usage and control measures. The frequency of required roadway dust control treatments for haul roads shall be at least daily, unless a treatment is not required for one of the reasons under (a) above, and the frequency shall be sufficient to achieve 90% control based on the following formula or an equivalent:

$$\text{Control Efficiency} = 96 - (0.263 * (T/C))$$

Where: Control Efficiency = percent control efficiency
T = Daily truck trips on roadway (truck trips/calendar day)
C = Number of roadway dust control treatments per calendar day.

For the purposes of this formula, if at the time of a scheduled roadway dust control treatment, the treatment is not required for one of the reasons under (a) above, such an event shall be counted as a roadway dust control treatment.

- (c) Haul truck speed limits shall be posted as 15 miles per hour or less.

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

D.5.11 Parametric Monitoring

- (a) In order to demonstrate the compliance status with Condition D.5.4(a)(1), the Permittee shall record the hours of operation of the diesel-fired emergency generator (EU-009) at least once a month.
- (b) In order to demonstrate the compliance status with Condition D.5.4(b)(1), the Permittee shall record the hours of operation of the diesel-fired emergency firewater pump (EU-016) at least once per month.

- (c) In order to demonstrate the compliance status with Condition D.5.4(c)(2), the Permittee shall record the level of total dissolved solids in the water used in each cooling tower at least once per month when the cooling tower is in operation. When for any one reading, the level of total dissolved solids is above 2,000 ppm, the Permittee shall take a reasonable response. Section C – Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A single reading in excess of the above mentioned concentration is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

D.5.12 Ambient Temperature Monitoring

To demonstrate the compliance status with Condition D.5.10, the Permittee shall maintain an ambient temperature monitor when ambient temperatures may drop below 32 °F.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.5.13 Record Keeping Requirements

- (a) In order to document the compliance status with Condition D.5.4(a)(1), the Permittee shall maintain a monthly record of the hours of operation of the diesel-fired emergency generator (EU-009).
- (b) In order to document the compliance status with Condition D.5.4(b)(1), the Permittee shall maintain a monthly record of the hours of operation of the diesel-fired emergency firewater pump (EU-016).
- (c) In order to document the compliance status with Condition D.5.4(c)(2), the Permittee shall maintain a monthly record of the total dissolved solids concentration in the water used in each cooling tower (EU-008A through EU-008H and EU-019A through EU-019F). The Permittee shall include in its monthly record when the total dissolved solids are not recorded and the reason for a lack of a total dissolved solids reading. (e.g. the process did not operate that month).
- (d) To document the compliance status with Conditions D.5.4(d) and D.5.10, the Permittee shall maintain the following daily records for haul roads:
 - (1) The number of trucks on the haul road each calendar day.
 - (2) The date, approximate time, and type of each roadway dust control treatment.
 - (3) If a treatment of the haul roads is not required and not performed in accordance with D.5.10, records shall be maintained documenting the reason for the lack of a treatment (i.e. ambient temperature, precipitation, etc.).
- (e) Section C – General Record Keeping Requirements contains the Permittee's obligations with regard to the record keeping required by this condition.

D.5.14 Reporting Requirements

A quarterly summary of the information to document the compliance status with Condition D.5.4(a)(1) and Condition D.5.4(b)(1) shall be submitted not later than thirty (30) days after the end of the quarter being reported. Section C – General Reporting Requirements contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined in 326 IAC 2-7-1(35).

SECTION D.6 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

Entire Source

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

D.6.1 General Provisions Relating to National Emission Standards for Hazardous Air Pollutants (NESHAP) [40 CFR 61, Subpart A] [326 IAC 14-1-1]

The Permittee shall comply with the provisions of 40 CFR 61, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 14-1-1.

D.6.2 National Emission Standards for Hazardous Air Pollutants for Benzene Waste Operations [40 CFR 61, Subpart FF]

The Permittee shall comply with the following provisions of 40 CFR 61, Subpart FF, which are included as Attachment G of this permit for all affected facilities upon startup of the affected source. The entire source is subject to the following portions of 40 CFR 61, Subpart FF:

- (1) 40 CFR 61.340(a)
- (2) 40 CFR 61.341
- (3) 40 CFR 61.342(a)
- (4) 40 CFR 61.355
- (5) 40 CFR 61.356
- (6) 40 CFR 61.357(a) and (b)

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062

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:

Phone:

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

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062

This form consists of 2 pages

Page 1 of 2

- ☐ This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
 - The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16.

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

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

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

Page 2 of 2

| |
|---|
| Date/Time Emergency started: |
| Date/Time Emergency was corrected: |
| Was the facility being properly operated at the time of the emergency? Y N |
| 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**

Part 70 Quarterly Report – Boiler (EU-011A to EU-011D) Fuel Usage

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062
Facility: Boiler Units EU-011A, EU-011B, EU-011C, EU-011D
Parameter: Fuel Usage
Limit: Combined usage shall be less than 2,802 MMCF per twelve consecutive month period

QUARTER:

YEAR:

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

☐ 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**

Part 70 Quarterly Report – Primary Reformer (EU-003) CO₂ Emissions

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062
Facility: Primary Reformer (EU-003)
Parameter: CO₂ emissions
Limit: 515,246 tons CO₂ per twelve consecutive month period.

QUARTER:

YEAR:

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

☐ 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**

Part 70 Quarterly Report – Ammonia Production (EU-004)

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062
Facility: CO₂ Purification Process (EU-004)
Parameter: Ammonia Production
Limit: 1,022,000 tons per twelve consecutive month period

QUARTER:

YEAR:

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

☐ 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**

Part 70 Quarterly Report – Front End Flare (EU-007) Venting

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062
Facility: Front End Process Flare (EU-007)
Parameter: Process Venting Hours
Limit: 336 hours per twelve consecutive month period

QUARTER:

YEAR:

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

☐ 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**

Part 70 Quarterly Report – Ammonia Catalyst Startup Heater (EU-010) Fuel Usage

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062
Facility: Ammonia Catalyst Startup Heater (EU-010)
Parameter: Fuel Usage
Limit: 20.84 MMCF per twelve consecutive month period.

QUARTER:

YEAR:

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

☐ 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**

Part 70 Quarterly Report – Back End Flare (U-006) Venting

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062
Facility: Back End Ammonia Process Flare (EU-006)
Parameter: Ammonia Process Venting Hours
Limit: 336 hours per twelve consecutive month period.

QUARTER:

YEAR:

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

☐ 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**

Part 70 Quarterly Report – Ammonia Storage Flare (EU-005) Venting

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062
Facility: Ammonia Storage Flare (EU-005)
Parameter: Ammonia Storage Flare Venting Hours
Limit: 168 hours per twelve consecutive month period.

QUARTER:

YEAR:

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

☐ 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**

Part 70 Quarterly Report – Nitric Acid Production (EU-001A and B)

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062
Facility: Nitric Acid Units (EU-001A and EU-001B)
Parameter: Combined 100% Nitric Acid Throughput
Limit: 459,900 tons of 100 % nitric acid per twelve consecutive month period.

QUARTER:

YEAR:

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

☐ 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**

Part 70 Quarterly Report – UAN Production (EU-002A and B)

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062
Facility: Ammonium Nitrate Units (EU-002A and EU-002B)
Parameter: Combined UAN Production
Limit: 1,314,000 tons of UAN per twelve consecutive month period.

QUARTER:

YEAR:

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

☐ 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**

Part 70 Quarterly Report – UAN Plant Vent Flare (EU-017) Venting

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062
Facility: UAN Plant Vent Flare (EU-017)
Parameter: UAN Plant Vent Flare Venting Hours
Limit: 336 hours per twelve consecutive month period.

QUARTER:

YEAR:

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

☐ 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**

Part 70 Quarterly Report – Nitric Acid Storage Throughput (EU-022A and B)

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062
Facility: Nitric Acid Storage Tanks (EU-022A and EU-022B)
Parameter: Combined 57% nitric acid throughput
Limit: 806,842 tons of 57% nitric acid per twelve consecutive month period.

QUARTER:

YEAR:

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

☐ 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**

Part 70 Quarterly Report – Generator (EU-009) Operating Hours

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062
Facility: Diesel-Fired Emergency Generator (EU-009)
Parameter: Operating Hours
Limit: 200 hours per twelve consecutive month period.

QUARTER:

YEAR:

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

☐ 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**

Part 70 Quarterly Report – Firewater Pump (EU-016) Operating Hours

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062
Facility: Diesel-Fired Emergency Firewater Pump (EU-016)
Parameter: Operating Hours
Limit: 200 hours per twelve consecutive month period.

QUARTER:

YEAR:

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

☐ 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
PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Ohio Valley Resources, LLC
Source Address: 300-400 East CR 350 North, Rockport, Indiana 47635
Part 70 Permit No.: T 147-32322-00062

Months: _____ to _____ Year: _____

Page 1 of 2

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".

☐ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

☐ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

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

Ohio Valley Resources, LLC
300-400 East CR 350 North
Rockport, Indiana 47635

Affidavit of Construction

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

1. I live in _____ County, Indiana and being of sound mind and over twenty-one (21) years of age, I am competent to give this affidavit.
2. I hold the position of _____ for _____.
(Title) (Company Name)
3. By virtue of my position with _____, I have personal
(Company Name)
knowledge of the representations contained in this affidavit and am authorized to make
these representations on behalf of _____.
(Company Name)
4. I hereby certify that Ohio Valley Resources, LLC 300-400 East CR 350 North, Rockport, Indiana 47635,
completed construction of the nitrogenous fertilizer production plant. on _____ in conformity
with the requirements and intent of the construction permit application received by the Office of Air Quality
on September 17, 2012 and as permitted pursuant to New Source Construction Permit and Part 70 Operating
Permit No. T 147-32322-00062, Plant ID No. 14-00062 issued on _____.
5. **Permittee, please cross out the following statement if it does not apply:** Additional (operations/facilities)
were constructed/substituted as described in the attachment to this document and were not made in
accordance with the construction permit.

Further Affiant said not.

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

Signature _____
Date _____

STATE OF INDIANA)
)SS

COUNTY OF _____)

Subscribed and sworn to me, a notary public in and for _____ County and State of Indiana
on this _____ day of _____, 20 _____. My Commission expires: _____.
Signature _____
Name _____ (typed or printed)



Indiana Department of Environmental Management

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204

(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Michael R. Pence
Governor

Carol S. Comer
Commissioner

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

TO: Doug Wilson
Ohio Valley Resources LLC
PO Box 667
Fairfield, IL 62837

DATE: September 21, 2016

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

SUBJECT: Final Decision
Title V Administrative Amendment
147-37560-00062

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


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

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

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

Final Applicant Cover letter.dot 2/17/2016


Mail Code 61-53

| | | | |
|----------------------------|---|---|--|
| IDEM Staff | CDENNY 09/21/2016 Ohio Valley Resources LLC 147-37560-00062 (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 | Handling Charges | Act. Value (If Registered) | Insured Value | Due Send if COD | R.R. Fee | S.D. Fee | S.H. Fee | Rest. Del. Fee |
|------|----------------|---|---------|------------------|----------------------------|---------------|-----------------|----------|----------|----------|----------------|
| | | | | | | | | | | | Remarks |
| 1 | | Doug Wilson Ohio Valley Resources LLC PO Box 667 Fairfield IL 62837 (Source CAATS) | | | | | | | | | |
| 2 | | Ms. Francis Lueken 223 W. 10th Street, P.O. Box 206 Ferdinand IN 47532 (Affected Party) | | | | | | | | | |
| 3 | | Ms. Linda Hamilton 3823 S Hampton Rd Philpot KY 42366-9027 (Affected Party) | | | | | | | | | |
| 4 | | Rockport City Council and Mayors Office P.O. Box 151 Rockport IN 47635 (Local Official) | | | | | | | | | |
| 5 | | Mr. Thomas Utter Lincolnland Economical Development Corporation PO Box 400 Santa Claus IN 47579 (Affected Party) | | | | | | | | | |
| 6 | | Ms. Kathy Tretter Dubois-Spencer Counties Publishing Co, Inc P.O. Box 38 Ferdinand IN 47532-0038 (Affected Party) | | | | | | | | | |
| 7 | | Mr. Rex Winchell 715 W. Old SR 45 Rockport IN 47635 (Affected Party) | | | | | | | | | |
| 8 | | Willard & Nan Hardin 210 West Jennings St Newburgh IN 47630 (Affected Party) | | | | | | | | | |
| 9 | | Spencer County Commissioners 200 Main St., Courthouse Rockport IN 47635 (Local Official) | | | | | | | | | |
| 10 | | Spencer County Health Department Main Street Courthouse, 1st Floor, Room 1 Rockport IN 47635-1492 (Health Department) | | | | | | | | | |
| 11 | | Mr. Mark Wilson Evansville Courier & Press P.O. Box 268 Evansville IN 47702-0268 (Affected Party) | | | | | | | | | |
| 12 | | Gregory & Mary James 1062 N. SR 66 Rockport IN 47635 (Affected Party) | | | | | | | | | |
| 13 | | Ronald Barnes 1342 W 200 N Rockport IN 47635 (Affected Party) | | | | | | | | | |
| 14 | | Bernard Paul B Paul Consulting, LLC 285 Spring Drive Zionsville IN 46077 (Consultant) | | | | | | | | | |
| 15 | | Michael & Janice Cochenour 349 E CR 350 N Rockport IN 47635 (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. |
|---|--|--|--|


Mail Code 61-53

| | | | | |
|----------------------------|---|---|---|--|
| IDEM Staff | CDENNY 09/21/2016 Ohio Valley Resources LLC 147-37560-00062 (final) | | Type of Mail: CERTIFICATE OF MAILING ONLY | AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING |
| Name and address of Sender |  | Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204 | | |

| Line | Article Number | Name, Address, Street and Post Office Address | Postage | Handling Charges | Act. Value (If Registered) | Insured Value | Due Send if COD | R.R. Fee | S.D. Fee | S.H. Fee | Rest. Del. Fee | Remarks |
|------|----------------|---|---------|------------------|----------------------------|---------------|-----------------|----------|----------|----------|----------------|---------|
| 1 | | Rock 6539 W CR 400 N Richland City IN 47634 (Affected Party) | | | | | | | | | | |
| 2 | | James Lacy Kamuf 117 E 18th St PMB #125 Owensboro KY 42301 (Affected Party) | | | | | | | | | | |
| 3 | | Mickey Toler 1617 N CR 312 W Rockport IN 47635 (Affected Party) | | | | | | | | | | |
| 4 | | Harold Goffinet 105 Seminar St Rockport IN 47635 (Affected Party) | | | | | | | | | | |
| 5 | | Chuck Botsko 12540 N Base Rd Gentryville IN 47537 (Affected Party) | | | | | | | | | | |
| 6 | | Paul Morsey 2437 Pleasant Valley Rd Owensboro KY 42303 (Affected Party) | | | | | | | | | | |
| 7 | | David Boggs 216 Western Hills Dr Mt Vernon IN 47620 (Affected Party) | | | | | | | | | | |
| 8 | | John Blair 800 Adams Ave Evansville IN 47713 (Affected Party) | | | | | | | | | | |
| 9 | | Ellen Stauffer 2631 E Poplar Drive Bloomington IN 47401 (Affected Party) | | | | | | | | | | |
| 10 | | Mark Hallett 6430 E State Road 45 Bloomington IN 47408 (Affected Party) | | | | | | | | | | |
| 11 | | Jo Ann Gauthier 2102 N 5th Ave Evansville IN 47710 (Affected Party) | | | | | | | | | | |
| 12 | | Robert Mayton 4345 Autumn Ridge Bend Owensboro KY 42303 (Affected Party) | | | | | | | | | | |
| 13 | | Derek Green 14200 Worthington Ct Evansville IN 47725 (Affected Party) | | | | | | | | | | |
| 14 | | Elaine Sorensen 10001 N Stones Ln Evanston IN 47531 (Affected Party) | | | | | | | | | | |
| 15 | | Richard Ullrich 403 Main St Aurora IN 47001 (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. |
|---|--|--|--|


Mail Code 61-53

| | | | |
|----------------------------|---|---|--|
| IDEM Staff | CDENNY 09/21/2016 Ohio Valley Resources LLC 147-37560-00062 (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 | | Charlotte 901 Irvin Ave Evansville IN 47715 (Affected Party) | | | | | | | | | |
| 2 | | Ricki Newman 617 Prince Dr Newburgh IN 47630 (Affected Party) | | | | | | | | | |
| 3 | | Robert Stoll 1405 E Prairie Dr Bloomington IN 47408 (Affected Party) | | | | | | | | | |
| 4 | | Rick Fowler 222 E 21st St Owensboro KY 42303 (Affected Party) | | | | | | | | | |
| 5 | | Greg Edwards 8455 Yorkridge Ct Newburgh IN 47630 (Affected Party) | | | | | | | | | |
| 6 | | Elaine Sorensen 10001 N Stones Lane Evanston IN 47531 (Affected Party) | | | | | | | | | |
| 7 | | Sara Dunn 2105 College Ave Vincennes IN 47591 (Affected Party) | | | | | | | | | |
| 8 | | Rhonda Kohl 42 Wildwood Rd Jeffersonville IN 47130 (Affected Party) | | | | | | | | | |
| 9 | | Kelly Morrison 1220 Weed Ln Vincennes IN 47591 (Affected Party) | | | | | | | | | |
| 10 | | Hans Huber 740 S Shady Side Dr Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 11 | | Jeffrey Cottingham 417 4th St Aurora IN 47001 (Affected Party) | | | | | | | | | |
| 12 | | Rick Honeycutt 8735 N Spades Rd Milan IN 47031 (Affected Party) | | | | | | | | | |
| 13 | | Daniel Burnham 6775 N Hudoff Rd Bloomington IN 47408 (Affected Party) | | | | | | | | | |
| 14 | | David Motz 1608 Southeast Blvd Evansville IN 47714 (Affected Party) | | | | | | | | | |
| 15 | | Imogene Burkhart 328 Adams Ave Evansville IN 47713 (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. |
|---|--|--|--|

Mail Code 61-53

| | | | |
|----------------------------|---|---|--|
| IDEM Staff | CDENNY 09/21/2016 Ohio Valley Resources LLC 147-37560-00062 (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 | | Yvonne 322 E Kirkwood Ave Bloomington IN 47408 (Affected Party) | | | | | | | | | |
| 2 | | Wes Milner 7109 E Chestnut St Evansville IN 47715 (Affected Party) | | | | | | | | | |
| 3 | | Georgia Sumner 2409 E Rock Creek Dr Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 4 | | Rebecca Brookman 1742 N Old Petersburg Rd Princeton IN 47670 (Affected Party) | | | | | | | | | |
| 5 | | Shari Caldwell 13101 Caldwell Ln Dillsboro IN 47018 (Affected Party) | | | | | | | | | |
| 6 | | Dorothy Wilson 4500 N Northwoods Lane Bloomington IN 47404 (Affected Party) | | | | | | | | | |
| 7 | | Ashley Verkamp 22125 Blue Ridge Rd Bristow IN 47515 (Affected Party) | | | | | | | | | |
| 8 | | Stephen Arnold 627 W 7th St Bloomington IN 47404 (Affected Party) | | | | | | | | | |
| 9 | | Kristen Hackman 521 E 7th St Apt 4 Bloomington IN 47408 (Affected Party) | | | | | | | | | |
| 10 | | Karisha Kirk 3231 S Bradshire Ct Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 11 | | Stephen Simonds 1305 Timberlake Rd Evansville IN 47710 (Affected Party) | | | | | | | | | |
| 12 | | George Oglesby 9607 Darmstadt Rd Evansville IN 47710 (Affected Party) | | | | | | | | | |
| 13 | | Joan Keeler 3927 S Cramer Cir Bloomington IN 47403 (Affected Party) | | | | | | | | | |
| 14 | | Tracy Fox 11900 N County Road 50 W Batesville IN 47006 (Affected Party) | | | | | | | | | |
| 15 | | Jan Reynolds 1412 W 12th St Bloomington IN 47404 (Affected Party) | | | | | | | | | |

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Mail Code 61-53

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| IDEM Staff | CDENNY 09/21/2016 Ohio Valley Resources LLC 147-37560-00062 (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 | Handling Charges | Act. Value (If Registered) | Insured Value | Due Send if COD | R.R. Fee | S.D. Fee | S.H. Fee | Rest. Del. Fee |
|------|----------------|---|---------|------------------|----------------------------|---------------|-----------------|----------|----------|----------|----------------|
| | | | | | | | | | | | Remarks |
| 1 | | Darrel 4 Arbor Pl New Albany IN 47150 (Affected Party) | | | | | | | | | |
| 2 | | Bruce Pearson 1025 S Graywell Dr Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 3 | | Patrick Coppage 612 Mulberry St Madison IN 47250 (Affected Party) | | | | | | | | | |
| 4 | | Pamela Schrantz 12281 N Hogan Rd Aurora IN 47001 (Affected Party) | | | | | | | | | |
| 5 | | Raymond Minton 1531 E State Road 356 Scottsburg IN 47170 (Affected Party) | | | | | | | | | |
| 6 | | Patricia Canary 1015 W Van Trees St Washington IN 47501 (Affected Party) | | | | | | | | | |
| 7 | | Steve Harrison 871 Chandler Dr Ellettsville IN 47429 (Affected Party) | | | | | | | | | |
| 8 | | June Tomastick 215 E 2nd St Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 9 | | Kara Hortsman 3957 Terra Trace Ct Evansville IN 47715 (Affected Party) | | | | | | | | | |
| 10 | | Anthony Schmitt 4308 Aj Dr N Wadesville IN 47638 (Affected Party) | | | | | | | | | |
| 11 | | Paul Lukey 3600 E Morningside Dr Bloomington IN 47408 (Affected Party) | | | | | | | | | |
| 12 | | Thomas Lehr 8948 W County Road 57 N Richland IN 47634 (Affected Party) | | | | | | | | | |
| 13 | | Anne Fraker 2606 E Windemere Woods Dr Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 14 | | Michael Caldie 618 S Lincoln St Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 15 | | W Jake Lindauer 2532 S Lindauer Rd Eckerty IN 47116 (Affected Party) | | | | | | | | | |

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|------|----------------|---|---------|-----------------|----------------------------|---------------|-----------------|----------|----------|----------|----------------|
| | | | | | | | | | | | Remarks |
| 1 | | Richard 403 Main St Aurora IN 47001 (Affected Party) | | | | | | | | | |
| 2 | | Jessica Cresseveur 2834 Charlestown Rd Apt 6 New Albany IN 47150 (Affected Party) | | | | | | | | | |
| 3 | | Paul Schneller 1500 E Richland Dr Bloomington IN 47408 (Affected Party) | | | | | | | | | |
| 4 | | Donald Rhoads 1000 W Williams Rd Bloomington IN 47404 (Affected Party) | | | | | | | | | |
| 5 | | Tonya Dale 2461 S Old US 41 Vincennes IN 47591 (Affected Party) | | | | | | | | | |
| 6 | | Diane Seltz 3199 N Thompson Rd Madison IN 47250 (Affected Party) | | | | | | | | | |
| 7 | | Matt Baucco 2500 S Ford Ave Bloomington IN 47403 (Affected Party) | | | | | | | | | |
| 8 | | Steven Wilson 4026 E State Road 258 Seymour IN 47274 (Affected Party) | | | | | | | | | |
| 9 | | Ray Crittenden 8587 W Rice Rd Bloomington IN 47403 (Affected Party) | | | | | | | | | |
| 10 | | Barbara Russell 914 Pfeiffer Rd Evansville IN 47711 (Affected Party) | | | | | | | | | |
| 11 | | Jeanne Melchior 880 Church Ave Jasper IN 47546 (Affected Party) | | | | | | | | | |
| 12 | | Ellie Macfarlane 1008 S Meadowbrook Dr Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 13 | | Margee Stone 5633 Kenwood Dr Newburgh IN 47630 (Affected Party) | | | | | | | | | |
| 14 | | Deborah Schade 8100 Upper Mount Vernon Rd Evansville IN 47712 (Affected Party) | | | | | | | | | |
| 15 | | Sherry Kraus 6161 Abbott Rd Tell City IN 47586 (Affected Party) | | | | | | | | | |

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|------|----------------|--|---------|-----------------|----------------------------|---------------|-----------------|----------|----------|----------|----------------|
| | | | | | | | | | | | Remarks |
| 1 | | Charles 1153 N Valleyview Dr West Baden Springs IN 47469 (Affected Party) | | | | | | | | | |
| 2 | | Paul Hill 3800 W H and H Rustic Ln Madison IN 47250 (Affected Party) | | | | | | | | | |
| 3 | | Rene Rezvan 9687 W State Road 48 Bloomington IN 47404 (Affected Party) | | | | | | | | | |
| 4 | | Herman Gudino Indiana Flame Service PO Box 771 Portage IN 46368 (Affected Party) | | | | | | | | | |
| 5 | | Martha Murphy 2536 N Main St Evansville IN 47711 (Affected Party) | | | | | | | | | |
| 6 | | Kaleb Jeffries 2308 Scheips Ln Evansville IN 47720 (Affected Party) | | | | | | | | | |
| 7 | | Joe Weisman 5156 N Brummetts Creek Rd Bloomington IN 47408 (Affected Party) | | | | | | | | | |
| 8 | | Linda Dean 955 S Basswood Cir Bloomington IN 47403 (Affected Party) | | | | | | | | | |
| 9 | | Suzanne Merriman 125 S Jaclyn Dr Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 10 | | Vincent Desjardins 505 E Dixie St Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 11 | | Robert Stoll 1405 E Prairie Dr Bloomington IN 47408 (Affected Party) | | | | | | | | | |
| 12 | | Nancy Brooks 1207 W Green Tree Ln Bloomington IN 47403 (Affected Party) | | | | | | | | | |
| 13 | | Kurt Singleton 2117 E Virginia St Evansville IN 47711 (Affected Party) | | | | | | | | | |
| 14 | | Steven Black 3511 S Roxbury Cir Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 15 | | Mary & Phil Mininger 1171 S Paoli Unionville Rd Paoli IN 47454 (Affected Party) | | | | | | | | | |

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|------|----------------|---|---------|------------------|----------------------------|---------------|-----------------|----------|----------|----------|----------------|
| | | | | | | | | | | | Remarks |
| 1 | | Laura & jerry 8550 E Doe Run Rd Madison IN 47250 (Affected Party) | | | | | | | | | |
| 2 | | Terri Greene 9510 S Snow Rd Bloomington IN 47403 (Affected Party) | | | | | | | | | |
| 3 | | Antonia Matthew 1307 S Grant Ave Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 4 | | Jennifer Knable Thompson 13585 Opera Rd Leopold IN 47551 (Affected Party) | | | | | | | | | |
| 5 | | Kent Pellerite 2224 S Sussex Dr Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 6 | | Robert Bieder 2010 S Grovesnor Pl Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 7 | | Mary Connors 3722 W Parkview Dr Bloomington IN 47404 (Affected Party) | | | | | | | | | |
| 8 | | Nelvin Gaba 1750 N Range Rd Apt K104 Bloomington IN 47408 (Affected Party) | | | | | | | | | |
| 9 | | Linda Richardson 7756 S Locust Grove Rd Hardinsburg IN 47125 (Affected Party) | | | | | | | | | |
| 10 | | Henry Brenner 1101 S Fess Ave Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 11 | | Helen Templeton 208 S Taft Ave Evansville IN 47714 (Affected Party) | | | | | | | | | |
| 12 | | Mark Hallett 6430 E State Road 45 Bloomington IN 47408 (Affected Party) | | | | | | | | | |
| 13 | | Claire Gregory 2949 N Ramble Rd E Bloomington IN 47408 (Affected Party) | | | | | | | | | |
| 14 | | Scott Sinclair 930 Blum St Tell City IN 47586 (Affected Party) | | | | | | | | | |
| 15 | | Kathryn Marlett 3636 E Park Ln Bloomington IN 47408 (Affected Party) | | | | | | | | | |

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|------|----------------|---|---------|------------------|----------------------------|---------------|-----------------|----------|----------|----------|----------------|
| | | | | | | | | | | | Remarks |
| 1 | | Mark 6575 Heathervale Ct Newburgh IN 47630 (Affected Party) | | | | | | | | | |
| 2 | | Michael Schneider 6214 Appleleaf Ln Sellersburg IN 47172 (Affected Party) | | | | | | | | | |
| 3 | | M Burton 309 N Hay St Bloomington IN 47404 (Affected Party) | | | | | | | | | |
| 4 | | Christian Joyce 1220 Weed Ln Vincennes IN 47591 (Affected Party) | | | | | | | | | |
| 5 | | Bret Daugherty 111 N Chestnut St Seymour IN 47274 (Affected Party) | | | | | | | | | |
| 6 | | Robert McDonald 6458 W Eureka Rd Rockport IN 47635 (Affected Party) | | | | | | | | | |
| 7 | | Paul Eisenburg 1005 S Hawthorne Dr Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 8 | | Steve Kreuzburg 386 Brentwood Dr Madison IN 47250 (Affected Party) | | | | | | | | | |
| 9 | | Erik Hitchcock 4104 W Daniel Ave Bloomington IN 47403 (Affected Party) | | | | | | | | | |
| 10 | | Eric Ellis 4345 Country View Dr Floyds Knobs IN 47119 (Affected Party) | | | | | | | | | |
| 11 | | Kaye Hill 704 N Park Ridge Rd Bloomington IN 47408 (Affected Party) | | | | | | | | | |
| 12 | | Robert Mayton 4345 Autumn Ridge Bnd Owensboro KY 42303 (Affected Party) | | | | | | | | | |
| 13 | | Rick Fowler 222 E 21st St Owensboro KY 42303 (Affected Party) | | | | | | | | | |
| 14 | | Jennifer Schultz 2978 State Route 140 E Utica KY 42376 (Affected Party) | | | | | | | | | |
| 15 | | Eva Atkinson 717 Frederica St Owensboro KY 42301 (Affected Party) | | | | | | | | | |

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|------|----------------|--|---------|------------------|----------------------------|---------------|-----------------|----------|----------|----------|----------------|
| | | | | | | | | | | | Remarks |
| 1 | | Betsy 610 N Burkhardt Rd Evansville IN 47715 (Affected Party) | | | | | | | | | |
| 2 | | Hon. E. Woodford Sigler, KY Colonel 192 Melwood Pl Henderson KY 42420 (Affected Party) | | | | | | | | | |
| 3 | | Bill Spaetti 182 S 400 W Rockport IN 47635 (Affected Party) | | | | | | | | | |
| 4 | | Mary Cupp 1309 Allen St Owensboro KY 42303 (Affected Party) | | | | | | | | | |
| 5 | | Gary McCoy 2800 Liberty Rd Providence KY 42450 (Affected Party) | | | | | | | | | |
| 6 | | Peggy White 431 Booth Ave Owensboro KY 42301 (Affected Party) | | | | | | | | | |
| 7 | | Jeff Vogel 3124 N 200 W Rockport IN 47635 (Affected Party) | | | | | | | | | |
| 8 | | Stella Payne 9978 State Route 456 Owensboro KY 42301 (Affected Party) | | | | | | | | | |
| 9 | | James Russell 737 Cumberland St Owensboro KY 42303 (Affected Party) | | | | | | | | | |
| 10 | | Lee Anderson 4325 Brookhill Dr Owensboro KY 42303 (Affected Party) | | | | | | | | | |
| 11 | | Gene Steinkamp 3339 W Ridgewood Dr Rockport IN 47635 (Affected Party) | | | | | | | | | |
| 12 | | Mike Ledbetter 7277 Marywood Newburgh IN 47638 (Affected Party) | | | | | | | | | |
| 13 | | Barbara Montgomery 1933 Lydia Dr Owensboro KY 42301 (Affected Party) | | | | | | | | | |
| 14 | | Sharon Tiaht 2229 Yewells Lndg S Owensboro KY 42303 (Affected Party) | | | | | | | | | |
| 15 | | James Mattingly 11881 Hwy 144 Philpot KY 42366 (Affected Party) | | | | | | | | | |

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|------|----------------|--|---------|------------------|----------------------------|---------------|-----------------|----------|----------|----------|----------------|
| | | | | | | | | | | | Remarks |
| 1 | | Ralph PO Box 143 Madison IN 47250-0143 (Affected Party) | | | | | | | | | |
| 2 | | Gail West 359 Brey Ln Hartford KY 42347-9525 (Affected Party) | | | | | | | | | |
| 3 | | Ed Cupp 1309 Allen St Owensboro KY 42303-3034 (Affected Party) | | | | | | | | | |
| 4 | | David Lindsey 313 Valley View Dr Beaver Dam KY 42320-1635 (Affected Party) | | | | | | | | | |
| 5 | | Ron Mayhew 2504 SR 1554 Owensboro KY 42301-9557 (Affected Party) | | | | | | | | | |
| 6 | | Tina Beier 1544 W 23rd St Ferdinand IN 47532-9499 (Affected Party) | | | | | | | | | |
| 7 | | Sam Rich 1250 Uniontown Rd Uniontown KY 42461-5240 (Affected Party) | | | | | | | | | |
| 8 | | Patrick Niese 5109 E Morris Mill St Batesville IN 47006-8207 (Affected Party) | | | | | | | | | |
| 9 | | Marcia Droege 205 Krietenstein Rd S Wadesville IN 47638-8708 (Affected Party) | | | | | | | | | |
| 10 | | Janet Altman 3209 E 10th St Apt D37 Bloomington IN 47408-2484 (Affected Party) | | | | | | | | | |
| 11 | | Jean Smith 610 S 7th St Petersburg IN 47567-1811 (Affected Party) | | | | | | | | | |
| 12 | | Elaine Sorenson 10001 N Stones Ln Evanston IN 47531 (Affected Party) | | | | | | | | | |
| 13 | | Melissa Szudy 372 N Barclay Dr Vincennes IN 47591 (Affected Party) | | | | | | | | | |
| 14 | | Jean Robertson 618 E Jennings St Newburgh IN 47630 (Affected Party) | | | | | | | | | |
| 15 | | John Reynolds 9325 Darnell School Rd Mount Vernon IN 47620 (Affected Party) | | | | | | | | | |

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|------|----------------|--|---------|------------------|----------------------------|---------------|-----------------|----------|----------|----------|----------------|
| | | | | | | | | | | | Remarks |
| 1 | | Steve 610 W Jennings St Newburgh IN 47630 (Affected Party) | | | | | | | | | |
| 2 | | Abbi Surles 2755 W Popcorn Rd Springville IN 47462 (Affected Party) | | | | | | | | | |
| 3 | | William Estes 623 E Emerson St Princeton IN 47670 (Affected Party) | | | | | | | | | |
| 4 | | Evelyn Hunter One Adams Ave Apt A Evansville IN 47713 (Affected Party) | | | | | | | | | |
| 5 | | Emilie Schwen 821 S Hawthorne Dr Bloomington IN 47401 (Affected Party) | | | | | | | | | |
| 6 | | Ana Hernandez 660 E Old Hwy 50 Wheatland IN 47597 (Affected Party) | | | | | | | | | |
| 7 | | Chris Huntington 1923 Mimosa Trl Florence KY 41042 (Affected Party) | | | | | | | | | |
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| Total number of pieces Listed by Sender | Total number of Pieces Received at Post Office | Postmaster, Per (Name of Receiving employee) | The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mail merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on insured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels. |
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