



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

2/6/2013

Certified Mail

Mr. Max Perry
Heritage Cooperative
304 Bloomfield Avenue
Urbana, OH 43078

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0333010147
Permit Number: P0112605
Permit Type: OAC Chapter 3745-31 Modification
County: Hardin

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
Yes	NSPS
No	NESHAPS
No	NETTING
No	MODELING SUBMITTED
No	SYNTHETIC MINOR TO AVOID TITLE V
No	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**

How to appeal this permit

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
77 South High Street, 17th Floor
Columbus, OH 43215

How to save money, reduce pollution and reduce energy consumption

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

Please complete a survey at www.epa.ohio.gov/dapc/permitsurvey.aspx and give us feedback on your permitting experience. We value your opinion.

How to get an electronic copy of your permit

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

If you have any questions, please contact Ohio EPA DAPC, Northwest District Office at (419)352-8461 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,



Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: Ohio EPA-NWDO



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
Heritage Cooperative**

Facility ID:	0333010147
Permit Number:	P0112605
Permit Type:	OAC Chapter 3745-31 Modification
Issued:	2/6/2013
Effective:	2/6/2013
Expiration:	3/1/2022



Division of Air Pollution Control
Permit-to-Install and Operate
for
Heritage Cooperative

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Authorization

Facility ID: 0333010147
Application Number(s): A0046645
Permit Number: P0112605
Permit Description: Chapter 31 Modification to unpaved roadways (F005) to include increased throughput and incorporate BAT; Chapter 31 Modification to grain receiving, transferring, and conveying (P901) to include NSPS Subpart DD because modifications made to Pit #1 and transferring and conveying after 2006. Facility previously did not include rail pit dump as part of EU P901.
Permit Type: OAC Chapter 3745-31 Modification
Permit Fee: \$1,100.00
Issue Date: 2/6/2013
Effective Date: 2/6/2013
Expiration Date: 3/1/2022
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

Heritage Cooperative
13118 STATE RTE 31 S
Kenton, OH 43326

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

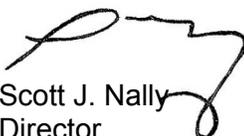
Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402
(419)352-8461

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency


Scott J. Nally
Director



Authorization (continued)

Permit Number: P0112605
Permit Description: Chapter 31 Modification to unpaved roadways (F005) to include increased throughput and incorporate BAT; Chapter 31 Modification to grain receiving, transferring, and conveying (P901) to include NSPS Subpart DD because modifications made to Pit #1 and transferring and conveying after 2006. Facility previously did not include rail pit dump as part of EU P901.

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Emissions Unit ID:	F005
Company Equipment ID:	Roadways
Superseded Permit Number:	P0109618
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P901
Company Equipment ID:	Grain Receiving and Transferring and Conveying
Superseded Permit Number:	P0109312
General Permit Category and Type:	Not Applicable



Final Permit-to-Install and Operate
Heritage Cooperative
Permit Number: P0112605
Facility ID: 0333010147
Effective Date: 2/6/2013

A. Standard Terms and Conditions



1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

- PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. Unless otherwise specified, facilities subject to one or more synthetic minor restrictions must use Ohio EPA's "Air Services" to submit annual emissions associated with this permit requirement. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is



very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.



10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Ohio EPA DAPC, Northwest District Office in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting¹ a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emissions unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

¹ Permittees that use Ohio EPA's "Air Services" can mark the affected emissions unit(s) as "permanently shutdown" in the facility profile along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).



13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.



Final Permit-to-Install and Operate
Heritage Cooperative
Permit Number: P0112605
Facility ID: 0333010147
Effective Date: 2/6/2013

B. Facility-Wide Terms and Conditions



Final Permit-to-Install and Operate

Heritage Cooperative

Permit Number: P0112605

Facility ID: 0333010147

Effective Date: 2/6/2013

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.



Final Permit-to-Install and Operate
Heritage Cooperative
Permit Number: P0112605
Facility ID: 0333010147
Effective Date: 2/6/2013

C. Emissions Unit Terms and Conditions



1. F005, Roadways

Operations, Property and/or Equipment Description:

Unpaved Roadways and Parking Areas

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	6.54 tons fugitive particulate matter less than ten microns in size (PM10) No visible fugitive particulate emissions (PE) except for a period of time not to exceed three-minutes during any 60-minute observation period from unpaved roadways and parking areas See b)(2)a. and b)(2)h. Best available control measures that are sufficient to minimize or eliminate visible of fugitive dust [See b)(2)b. through b)(2)g.]
b.	OAC rule 3745-31-05(A)(3), as effective 12/01/06	See b)(2)i.



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
c.	OAC rule 3745-17-07(B)	See b)(2)j.
d.	OAC rule 3745-17-08(B)	See b)(2)k.

(2) Additional Terms and Conditions

- a. The unpaved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:
 - unpaved roadways: all unpaved road segments
 - unpaved parking areas: all unpaved parking areas
- b. The permittee shall employ best available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's application, the permittee has committed to treat the unpaved roadways and parking areas by application of chemical stabilization/dust suppressants and/or watering at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- c. The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for unpaved roadways and parking areas that are covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- d. Any unpaved roadway or parking area, which during the term of this permit is paved or takes on the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled with the control measure(s) specified above for paved surfaces. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas.
- e. The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.



- f. Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.
- g. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.
- h. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to the Ohio Revised Code (ORC) changes effective August 3, 2006 (Senate Bill 265 changes), such that BAT is no longer required by State regulations for National Ambient Air Quality Standards (NAAQS) pollutant(s) less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05, then these emission limitations/control measures no longer apply.
- i. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State Implementation Plan.

The BAT requirements under OAC rule 3745-31-05(A)(3)(a) do not apply to the PM10 emissions from this air contaminant source since the potential to emit for PM10 is less than 10 tons per year.

The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3)(a) do not apply to the PE emitted from this emissions unit. BAT (under Senate Bill 265 changes) is only applicable to emissions of an air contaminant or precursor of an air contaminant for which a national ambient air quality standard (NAAQS) has been adopted under the Clean Air Act. PE (also referred to as total suspended particulate or particulate matter), is an air contaminant that does not involve an established NAAQS.
- j. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B) pursuant to OAC rule 3745-17-07(B)(11)(e).
- k. The facility is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B)(1).

c) Operational Restrictions

- (1) None.



d) Monitoring and/or Recordkeeping Requirements

- (1) Except as otherwise provided in this section, the permittee shall perform inspections of the roadways and parking areas in accordance with the following frequencies:

unpaved roadways and parking areas minimum inspection frequency

all

once per day of operation

- (2) The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

- (3) The permittee shall maintain records of the following information:

- a. The date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
- b. The date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
- c. The dates the control measures were implemented; and
- d. On a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in d)(3)d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter

e) Reporting Requirements

- (1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business Center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.
- (2) The permittee shall also identify in the PER forms the following information concerning inspection requirements during the 12-month reporting period for this emissions unit:



- a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
- b. each instance when a control measure that was to be implemented as a result of an inspection was not implemented.

This information shall be submitted as an attachment to the PER. If there were no days and/or instances to identify as required above, the permittee shall indicate within the "Additional Information and Corrections" section of the PER that all inspections were performed by the required frequency and control measures were properly implemented.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation:

6.54 tons fugitive PM10/yr

Applicable Compliance Method:

The annual emission limitation was established by multiplying the AP-42 emission factor of 1.83 lbs PM10/VMT for unpaved roadways [Section 13.2.2.2 (revised 11/06)] by the maximum annual vehicle miles traveled (VMT) of 35,754 miles, and applying a control efficiency of 80% for use of best available control measures, then dividing by 2,000 lbs/ton.

Therefore, provided compliance is shown with the requirements of this permit to apply best available control measures, compliance with the annual emission limitation shall also be demonstrated.

- b. Emission Limitation:

No visible fugitive PE except for a period of time not to exceed three minutes during any 60-minute observation period from unpaved roadways and parking areas

Applicable Compliance Method:

If required, compliance with the visible fugitive PE emission limitation specified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.



Final Permit-to-Install and Operate

Heritage Cooperative

Permit Number: P0112605

Facility ID: 0333010147

Effective Date: 2/6/2013

g) Miscellaneous Requirements

(1) None.



2. P901, Grain Receiving and Transferring and Conveying

Operations, Property and/or Equipment Description:

Grain Receiving, Transferring, and Conveying

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - a. None.
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. None.
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(F)	Emission limitations, opacity restrictions, operations restrictions and control measures [See b)(2)a., b)(2)h., b)(2)i., and c)(1)]
b.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	See b)(2)b.
c.	OAC rule 3745-31-05 (A)(3)(a)(ii), as effective 12/01/06	See b)(2)c.
d.	40 CFR, Part 60, Subpart DD	See b)(2)d.
e.	OAC rule 3745-17-07(A)	See b)(2)e.
f.	OAC rule 3745-17-07(B)	See b)(2)g.
g.	OAC rule 3745-17-08(B)	See b)(2)f.
h.	OAC rule 3745-17-11(B)	See b)(2)e.

- (2) Additional Terms and Conditions
 - a. This permit establishes the following legally and practically enforceable emission limitations for the purpose of limiting potential to emit (PTE). The legally and



practically enforceable emission limitations are voluntary restrictions established under OAC rule 3745-31-05(F) and are based on the operational restrictions contained in c)(1):

- i. 0.01 grains of particulate matter less than 10 microns in size (PM_{10})/dry standard cubic feet (dscf) and 0.032 ton PM_{10} /yr from the baghouse stack serving grain receiving pit #1;
 - ii. Visible particulate emission (PE) shall not exceed 0% opacity, as a six-minute average from the baghouse stack serving grain receiving pit #1;
 - iii. 3.23 tons fugitive PM_{10} /yr from grain receiving pit #1 and grain receiving pit #2;
 - iv. Visible fugitive PE shall not exceed 5% opacity, as a six-minute average from grain receiving pit #1;
 - v. Visible fugitive PE shall not exceed 20% opacity, as a three-minute average from grain receiving pit #2;
 - vi. 0.26 ton fugitive PM_{10} /yr from the rail pit;
 - vii. Visible fugitive PE shall not exceed 20% opacity, as a three-minute average from the rail pit;
 - viii. 0.01 grains of PM_{10} /dscf and 0.019 ton PM_{10} /yr from the baghouse stack serving the transferring and conveying operations;
 - ix. Visible PE shall not exceed 0% opacity, as a six-minute average from the baghouse serving the transferring and conveying operations; and
 - x. Visible fugitive PE from the enclosed transferring and conveying operations shall not exceed 0% opacity, as a six-minute average.
- b. Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3), as effective 11/30/01 have been determined to be compliance with the voluntary restrictions established in accordance with OAC rule 3745-31-05(F) [See b)(2)a.].

It should be noted that the voluntary restrictions were also established with the intentional purpose of avoiding BAT requirements under OAC rule 3745-31-05(A)(3), as effective 12/01/06 [See b)(2)c.].

The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the



revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.

It should be noted that the requirements established pursuant to OAC rule 3745-31-05(F) will remain applicable after the above SIP revisions are approved by U.S. EPA.

- c. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State Implementation Plan.

Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3)(a) do not apply to the PM₁₀ emissions from this air contaminant source since the controlled potential to emit (PTE) is less than 10 tons per year taking into consideration practically and legally enforceable voluntary restrictions established under OAC rule 3745-31-05(F) in this permit.

- d. The provisions of 40 CFR, Part 60, Subpart DD apply to grain receiving pit #1 and the transferring and conveying operations based on the modification dates of these affected facilities. The requirements specified by this rule are equivalent to or less stringent than BAT requirements established under OAC rule 3745-31-05(F).
- e. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(F).
- f. The permittee is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08.
- g. This emissions unit is exempt from the visible particulate emission limitation specified in OAC rule 3745-17-07(B) pursuant to OAC rule 3745-17-07(B)(11)(e).
- h. All PE from the baghouse stack consists of particulate matter less than 10 microns in size (PM₁₀).
- i. Transferring and conveying operations are totally enclosed and have an associated baghouse. The fugitive emissions from the transferring and conveying operations are considered negligible; therefore, no fugitive emission limitations were established.

c) **Operational Restrictions**

- (1) The following operational restrictions have been included in this permit for the purpose of establishing legally and practically enforceable requirements which limit PTE [See b)(2)a.]:
 - a. The maximum annual grain throughput rate for grain receiving pit #1 and grain receiving pit #2 shall not exceed 548,000 tons/year.



- b. The grain receiving operations for pit #1 shall be vented to a baghouse (Carter Day 124RF10) achieving a control efficiency of 99%.
 - c. The transferring and conveying operations shall be vented to a baghouse (Carter Day 72RJ48) achieving a control efficiency of 99%.
 - d. The transferring and conveying operations shall be totally enclosed.
 - e. All of the grain processed through grain receiving pit #1, grain receiving pit #2, and the transferring and conveying operations shall have been treated with mineral oil. The mineral oil may be applied at any operation at the grain elevator preceding these operations (i.e. oil may be applied at grain receiving operations).
 - f. The maximum annual grain throughput for the rail pit shall not exceed 8,700 tons/year.
- d) **Monitoring and/or Recordkeeping Requirements**
- (1) The permittee shall maintain monthly records of the amount of grain throughput for each of the following individual operations for this emission unit, in tons per month and total tons, to date, for the calendar year.
 - a. the throughput for grain receiving pit #1 and grain receiving pit #1; and
 - b. the throughput for the rail pit.
 - (2) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the baghouse stacks serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emissions incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
 - (3) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible emissions of fugitive dust from the grain receiving operations (pit #1, pit #2 and the rail pit) and the enclosed transferring and conveying operations. The presence or absence of any visible fugitive emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:



- a. the location and color of the emissions;
- b. whether the emissions are representative of normal operations;
- c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
- d. the total duration of any visible emissions incident; and
- e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item d)(3)d. above or continue the daily check until the incident has ended. The observer may indicate that the visible emissions incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business Center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.
- (2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number d)(2) above:
 - a. all days during which any visible particulate emissions were observed from the baghouse stacks serving this emissions unit; and
 - b. any corrective actions taken to eliminate the visible particulate emissions.

The above information shall be provided as an attachment to the PER. If there were no day(s) and/or corrective action(s) to identify as required above, the permittee shall indicate within the "Additional Information and Corrections" section of the PER that no visible emissions were observed and no corrective actions were taken.

- (3) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number d)(3) above:



- a. all days during which any visible emissions of fugitive dust were observed from the grain receiving operations (pit #1, pit #2 and the rail pit) and the enclosed transferring and conveying operations; and
- b. any corrective actions taken to minimize or eliminate the visible emissions.

The above information shall be provided as an attachment to the PER. If there were no day(s) and/or corrective action(s) to identify as required above, the permittee shall indicate within the "Additional Information and Corrections" section of the PER that no visible emissions were observed and no corrective actions were taken.

- (4) Pursuant to 40 CFR Part 60, Subpart A, Standards of Performance for New Stationary Sources – General Provisions (section 60.7), the permittee is hereby advised of the requirements to report the following at the appropriate times for the affected facilities associated with this emission unit:
 - a. construction date (no later than 30 days after such date);
 - b. actual start-up date (within 15 days after such date); and
 - c. date of performance testing (if required, at least 30 days prior to testing).
- (5) In conjunction with the reporting requirements contained in e)(4), the permittee shall submit the following notifications at the appropriate times for the affected facilities associated with this emission unit:
 - a. a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in §60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this notice; and
 - b. A notification of the anticipated date for conducting the opacity observations required by §60.11(e)(1) of 40 CFR Part 60, Subpart A. The notification shall also include, if appropriate, a request for the Administrator to provide a visible emissions reader during a performance test. The notification shall be postmarked not less than 30 days prior to such date.

Reports are to be sent to:

Ohio EPA, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402



f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations: 0.01 grains PM₁₀/dscf and 0.032 ton PM₁₀/yr from the baghouse stack serving grain receiving pit #1

Applicable Compliance Methods: The maximum outlet concentration for the baghouse serving this emissions unit has been determined to be 0.01 gr PM₁₀/dscf. If required, compliance shall be determined in accordance with Methods 1 through 4 of 40 CFR, Part 60, Appendix A and Methods 201, 201A and 202 of 40 CFR, Part 51, Appendix M. Alternative or equivalent methods can be used with the approval of Ohio EPA, Northwest District Office.

The annual PM₁₀ emission limitation was developed by multiplying the maximum annual grain throughput of 548,000 tons by an emission factor of 0.059 lb PM₁₀/ton grain from AP-42, Table 9.9.1-1 (revised 03/03) and applying the control efficiency of 99% for the use of a baghouse and 80% for the use of mineral oil, then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual fugitive PM₁₀ emission limitation shall also be demonstrated.

b. Emission Limitation: Visible PE shall not exceed 0% opacity, as a six-minute average from the baghouse stack serving grain receiving pit #1

Applicable Compliance Method: If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Method 9 of 40 CFR, Part 60, Appendix A and the procedures specified in 40 CFR, Part 60, Subpart DD [See f)(2)].

c. Emission Limitation: 3.23 tons fugitive PM₁₀/yr from grain receiving pit #1 and gain receiving pit #2

Applicable Compliance Method: The annual fugitive PM₁₀ emission limitation was developed by multiplying the maximum annual grain throughput of 548,000 tons by an emission factor of 0.059 lb PM₁₀/ton grain from AP-42, Table 9.9.1-1 (revised 03/03), and applying the control efficiency of 80% for the use of mineral oil, then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual fugitive PM₁₀ emission limitation shall also be demonstrated.

d. Emission Limitation: Visible fugitive PE shall not exceed 5% opacity, as a six-minute average from grain receiving pit #1

Applicable Compliance Method: If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Method 9 of 40 CFR, Part 60, Appendix A and the procedures specified in 40 CFR, Part 60, Subpart DD [See f)(2)].



- e. Emission Limitation: Visible fugitive PE shall not exceed 20% opacity, as a three-minute average from grain receiving pit #2

Applicable Compliance Method: If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Method 9 of 40 CFR, Part 60, Appendix A.

- f. Emission Limitation: 0.26 ton fugitive PM₁₀/yr from the rail pit

Applicable Compliance Method: The annual fugitive PM₁₀ emission limitation was developed by multiplying the maximum annual grain throughput of 8,700 tons by an emission factor of 0.059 lb PM₁₀/ton grain from AP-42, Table 9.9.1-1 (revised 03/03), then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual fugitive PM₁₀ emission limitation shall also be demonstrated.

- g. Emission Limitation: Visible fugitive PE shall not exceed 20% opacity, as a three-minute average from the rail pit

Applicable Compliance Method: If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Method 9 of 40 CFR, Part 60, Appendix A.

- h. Emission Limitations: 0.01 grains PM₁₀/dscf and 0.019 ton PM₁₀/yr from the baghouse stack serving the transferring and conveying operations

Applicable Compliance Methods: The maximum outlet concentration for the baghouse serving this emissions unit has been determined to be 0.01 gr PM₁₀/dscf. If required, compliance shall be determined in accordance with Methods 1 through 4 of 40 CFR, Part 60, Appendix A and Methods 201, 201A and 202 of 40 CFR, Part 51, Appendix M. Alternative or equivalent methods can be used with the approval of Ohio EPA, Northwest District Office.

The annual PM₁₀ emission limitation was developed by multiplying the annual grain throughput of 548,000 tons by an emission factor of 0.034 lb PM₁₀/ton grain from AP-42, Table 9.9.1-1 (revised 03/03) and applying the control efficiency of 80% for the use of mineral oil and the control efficiency of 99% for the use of a baghouse, then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual PM₁₀ emission limitation shall also be demonstrated.

- i. Emission Limitation: Visible PE shall not exceed 0% opacity, as a six-minute average from the baghouse serving the transferring and conveying operations.

Applicable Compliance Method: If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Method 9 of 40 CFR, Part 60, Appendix A and the procedures specified in 40 CFR, Part 60, Subpart DD [See f)(2)].



- j. Emission Limitation: Visible fugitive PE shall not exceed 0% opacity, as a six-minute average from the enclosed transferring and conveying operations

Applicable Compliance Method: If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Method 9 of 40 CFR, Part 60, Appendix A and the procedures specified in 40 CFR, Part 60, Subpart DD [See f)(2)].

- (2) The permittee shall conduct, or have conducted, emission testing for all of the affected facilities associated with this emissions unit that are subject to 40 CFR, Part 60, Subpart DD.
- a. Testing shall be conducted in accordance with the provisions of 40 CFR, Part 60, Subpart A, section 60.8 and 40 CFR, Part 60, Subpart DD, section 60.303.
- b. The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, by no later than 180 days after initial startup of such facility and at such other times as may be required by the Ohio Environmental Protection Agency, Division of Air Pollution Control.
- c. The emission testing shall be conducted to demonstrate compliance with the following emission limitations:
- i. No owner or operator subject to the provisions of 40 CFR, Part 60, Subpart DD shall cause to be discharged into the atmosphere from any affected facility any process emission which:
- (a) Contains particulate matter in excess of 0.023 g/dscm (0.01 gr/dscf); and
- (b) Exhibits greater than 0 percent opacity.
- ii. No owner or operator subject to the provisions of 40 CFR, Part 60, Subpart DD shall cause to be discharged into the atmosphere any fugitive emission from:
- (a) Any individual truck unloading station, railcar unloading station, or railcar loading station which exhibits greater than 5 percent opacity; and
- (b) Any grain handling operation which exhibits greater than 0 percent opacity.
- d. The permittee shall determine compliance with the particulate matter standards in 40 CFR 60.302 [See f)(2)c. for emission limitations] as follows:
- i. Method 5 of 40 CFR, Part 60, Appendix A shall be used to determine the particulate matter concentration and the volumetric flow rate of the



effluent gas. The sampling time and sample volume for each run shall be at least 60 minutes and 1.70 dscm (60 dscf). The probe and filterholder shall be operated without heaters.

- ii. Method 2 shall be used to determine ventilation volumetric flow rate.
 - iii. Method 9 and the procedures in 40 CFR 60.11 shall be used to determine opacity.
 - e. The test(s) shall be conducted as at a Maximum Source Operating Rate (MSOR), unless otherwise specified or approved by the Northwest District Office. MSOR is defined as the condition that is most likely to challenge the emissions control measures with regards to meeting the applicable emission standard(s). Although it generally consists of operating the emissions unit at its maximum material input/production rates and results in the highest emission rate of the tested pollutant, there may be circumstances where a lower emissions loading is deemed the most challenging control scenario. Failure to test at the MSOR is justification for not accepting the test results as a demonstration of compliance.
 - f. No later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate DO or LAA. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operation parameters, the times and dates of the tests, and the person(s) who will be conducting the tests. Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).
 - g. Personnel from the appropriate DO or LAA shall be permitted to witness the test, examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.
 - h. A comprehensive written report on the emission tests shall be signed by the person or persons responsible for the tests and submitted to the appropriate DO or LAA within 30 days following completion of the tests. The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate DO or LAA.
- g) Miscellaneous Requirements
- (1) None.