State of Ohio Environmental Protection Agency

STREET ADDRESS:
Lazarus Government Center
50 W. Town St., Suite 700
Columbus, Ohio 43215

TELE: (614) 644-3020 FAX: (614) 644-3184
www.epa.state.oh.us

MAILING ADDRESS:
P.O. Box 1049
Columbus, OH 43216-1049

3/23/2009

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR
No	CEMS
No	MACT
Yes	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED

Stacy Schmidt
Andersons Marathon Ethanol LLC
PO Box 119
Maumee, OH 43537

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0819750245
Permit Number: P0104279
Permit Type: Initial Installation
County: Darke

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install and Operate for the referenced facility has been issued for the emissions unit(s) listed in the Authorization section of the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit comments on the permit. A public notice will appear in the Ohio EPA Weekly Review and the local newspaper, Greenville Daily Advocate. A copy of the public notice and the draft permit are enclosed. This permit has been posted to the Division of Air Pollution Control Web page http://www.epa.state.oh.us/dapc in Microsoft Word and Adobe Acrobat format. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
122 South Front Street
Columbus, Ohio 43215

and

Regional Air Pollution Control Agency
117 South Main Street
Dayton, OH 45422-1280

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified in writing if a public hearing is scheduled. A decision on issuing a final permit-to-install and operate will be made after consideration of comments received and oral testimony if a public hearing is conducted. Any permit fee that will be due upon issuance of a final Permit-to-Install and Operate is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Regional Air Pollution Control Agency at (937)225-4435.

Sincerely,

Michael W. Ahern

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

Cc: U.S. EPA Region 5 *Via E-Mail Notification*
RAPCA; Indiana

Darke County

PUBLIC NOTICE
Issuance of Draft Air Pollution Permit-To-Install and Operate
Andersons Marathon Ethanol LLC

Issue Date: 3/23/2009
Permit Number: P0104279
Permit Type: Initial Installation
Permit Description: Installation of 4 steel grain bins
Facility ID: 0819750245
Facility Location: Andersons Marathon Ethanol LLC
5278 SEBRING WARNER RD,
Greenville, OH 45331
Facility Description: All Other Basic Organic Chemical Manufacturing

Chris Korleski, Director of the Ohio Environmental Protection Agency, 50 West Town Street, Columbus Ohio has issued a draft action of an air pollution control, federally enforceable permit-to-install and operate (PTIO) for the facility at the location identified above on the date indicated. Comments concerning this draft action, or a request for a public meeting, must be sent in writing no later than thirty (30) days from the date this notice is published. All comments, questions, requests for permit applications or other pertinent documentation, and correspondence concerning this action must be directed to Michael Maleski at Regional Air Pollution Control Agency, 117 South Main Street or (937)225-4435. The permit can be downloaded from the Web page: www.epa.state.oh.us/dapc

Permit Strategy Write-Up

1. Check all that apply:

   _X_ Synthetic Minor Determination

   ___ Netting Determination

2. Source Description:

   The Andersons, Inc., 0819750245, is an ethanol production facility located Darke County. The facility processes corn to manufacture ethanol and distillers grains, which is used as animal feed. Corn is delivered by truck and rail to the facility. It is unloaded and stored in silos. The corn is dried, if necessary, and milled before being processed in the plant. The milled corn is mixed into a slurry and cooked. Afterwards, it is fermented to a slurry containing ethanol. This slurry is further refined through distillation and filtering. The resulting ethanol is denatured with gasoline and stored in tanks. The ethanol product is loaded into railcars or trucks using a loading rack.

   A byproduct of this process is distillers grains, which is left over from the fermentation process. The grains are dried to various degrees, cooled and sold as animal feed.

3. Facility Emissions and Attainment Status:

   The facility is located in Darke County, which is attainment for all criteria pollutants. Potential uncontrolled facility-wide emissions are presented in Table 1 in Section C below.

Table 1

Emissions Unit	Uncontrolled Potential Emissions (tons/yr)							
	CO	NO_X	SO_2	PE	PM10	VOC	Single HAP	Total HAP
B001 - Thermal Oxidizer / Waste Heat Recovery Boiler	882.5	92.9	95.7	231.1	231.1	462.2	65.1	164.5
B002 - Thermal Oxidizer / Waste Heat Recovery Boiler								
P005 - Mash and Yeast Operations								
P007 - Distillation Process								
P008 - DDGS Dryer No. 1								
P009 - DDGS Dryer No. 2								
P010 - DDGS Dryer No. 3								
P011 - DDGS Dryer No. 4								
P013 - Methanators								
P902 - DDGS Handling and Cooling (B001/B002 stack only)								

Emissions Unit	Uncontrolled Potential Emissions (tons/yr)							
	CO	NO_X	SO_2	PE	PM10	VOC	Single HAP	Total HAP
F002 - Column Grain Dryer	16.56	19.71	0.12	20.0	6.12	1.08	----	----
J001 - Denatured Ethanol Loading Rack	20.13	3.74	0.003	0.003	0.003	482.9	----	----
P001 - Grain Hammermill No. 1	----	----	----	78.0	78.0	----	----	----
P002 - Grain Hammermill No. 2								
P003 - Grain Hammermill No. 3								
P004 - Grain Hammermill No. 4								
P006 - Fermentation and Beer Well	----	----	----	33.0	17.4	1,917	306.7	315.1
P012 - Cooling Towers	----	----	----	13.7	13.7	----	----	----
P014 - Emergency Fire Water Pump	0.045	0.86	0.098	0.015	0.015	0.023	----	----
P901 - Grain Receiving (Truck and Rail), Handling and Storage	----	----	----	201.6	201.6	----	----	----
P902 - DDGS Handling and Cooling	----	----	----	64.6	64.6	525.5	31.5	60.0
P903 - DDGS Loadout to Truck and Rail	----	----	----	34.2	34.2	----	----	----
P904 – Four Steel Grain Storage Bins	----	----	----	9.8	2.5	----	----	----
T001 - 200,000 gallon 190 Proof Ethanol Tank	----	----	----	----	----	0.53	----	----
T002 - 200,000 gallon 200 Proof Ethanol Tank	----	----	----	----	----	0.53	----	----
T003 - 200,000 gallon Gasoline Denaturant Tank	----	----	----	----	----	1.29	----	----
T004 - 1,500,000 gallon Denatured Ethanol Tank No. 1	----	----	----	----	----	0.30	----	----
T005 - 1,500,000 gallon Denatured Ethanol Tank No. 2	----	----	----	----	----	0.30	----	----
T006 - 1,500,000 gallon Denatured Ethanol Tank No. 3	----	----	----	----	----	0.30	----	----
Corrosion Inhibitor Tank (Insignificant)	----	----	----	----	----	0.1	----	----
Total	919.2	117.2	95.9	686.0	649.2	3,392	403.3	539.6

4. Source Emissions:

Potential controlled facility-wide emissions (i.e., allowable emissions) are presented Table 2 in Section D below.

5. Conclusion:

Potential controlled facility-wide emissions (i.e., allowable emissions) are presented in Table 2 below:

Table 2

Emissions Unit	Controlled Potential Emissions (tons/yr)							
	CO	NO_X	SO_2	PE	PM10	VOC	Single HAP	Total HAP
B001 - Thermal Oxidizer / Waste Heat Recovery Boiler	88.2	92.9	95.7	11.6	11.6	23.1	3.34	8.33
B002 - Thermal Oxidizer / Waste Heat Recovery Boiler								
P005 - Mash and Yeast Operations								
P007 - Distillation Process								
P008 - DDGS Dryer No. 1								
P009 - DDGS Dryer No. 2								
P010 - DDGS Dryer No. 3								
P011 - DDGS Dryer No. 4								
P013 - Methanators								
P902 - DDGS Handling and Cooling (B001/B002 stack only)								
F002 - Column Grain Dryer	2.52	3.00	0.02	10.08	2.69	0.17	----	----
J001 - Denatured Ethanol Loading Rack	7.38	1.39	0.003	0.003	0.003	14.39	----	----
P001 - Grain Hammermill No. 1	----	----	----	3.90	3.90	----	----	----
P002 - Grain Hammermill No. 2								
P003 - Grain Hammermill No. 3								
P004 - Grain Hammermill No. 4								
P006 - Fermentation and Beer Well	----	----	----	0.66	0.35	38.34	6.13	6.30
P012 - Cooling Towers	----	----	----	13.7	13.7	----	----	----
P014 - Emergency Fire Water Pump	0.045	0.86	0.10	0.015	0.015	0.023	----	----
P901 - Grain Receiving (Truck and Rail), Handling and Storage	----	----	----	10.1	10.1	----	----	----
P902 - DDGS Handling and Cooling	----	----	----	3.23	3.23	10.51	0.63	1.20
P903 - DDGS Loadout to Truck and Rail	----	----	----	1.71	1.71	----	----	----
P904 – Four Steel Grain Storage Bins	----	----	----	9.8	2.5	----	----	----
T001 - 200,000 gallon 190 Proof Ethanol Tank	----	----	----	----	----	0.53	----	----
T002 - 200,000 gallon 200 Proof Ethanol Tank	----	----	----	----	----	0.53	----	----
T003 - 200,000 gallon Gasoline Denaturant Tank	----	----	----	----	----	1.29	----	----
T004 - 1,500,000 gallon Denatured Ethanol Tank No. 1	----	----	----	----	----	0.30	----	----
T005 - 1,500,000 gallon Denatured Ethanol Tank No. 2	----	----	----	----	----	0.30	----	----
T006 - 1,500,000 gallon Denatured Ethanol Tank No. 3	----	----	----	----	----	0.30	----	----

Emissions Unit	Controlled Potential Emissions (tons/yr)							
	CO	NO_X	SO_2	PE	PM10	VOC	Single HAP	Total HAP
Corrosion Inhibitor Tank (Insignificant)	----	----	----	----	----	0.01	----	----
Total	98.15	98.15	95.82	64.80	49.80	89.80	9.90	22.15

The terms and conditions in this FEPTIO will limit the emissions to the values listed in Table 2. This is less than 100 TPY, which is the major source threshold with respect to Title V and New Source Review. Potential emissions have been limited through the use of regenerative thermal oxidizers at 98% control, baghouses at 0.005 gr/dscf grain loading, wet packed bed scrubber at 98% control, flares at 98% control, drift eliminators on the cooling tower, internal floating roofs on tanks, column perforations on the column dryer, and compliance with applicable OAC rules, emission limitations, monitoring, record keeping and reporting requirements.

6. Please provide additional notes or comments as necessary:

   None

7. Total Permit Allowable Emissions Summary (for informational purposes only):

Pollutant	Tons Per Year
PE	9.75
PM10	2.46

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

DRAFT

Air Pollution Permit-to-Install and Operate
for
Andersons Marathon Ethanol LLC

Facility ID:	0819750245
Permit Number:	P0104279
Permit Type:	Initial Installation
Issued:	3/23/2009
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Air Pollution Permit-to-Install and Operate
for
Andersons Marathon Ethanol LLC

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Authorization

Facility ID: 0819750245
Application Number(s): A0036432
Permit Number: P0104279
Permit Description: Installation of 4 steel grain bins
Permit Type: Initial Installation
Permit Fee: $2,500.00 *DO NOT send payment at this time - subject to change before final issuance*
Issue Date: 3/23/2009
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Permit Evaluation Report (PER) Annual Date: To be entered upon final issuance

This document constitutes issuance to:

Andersons Marathon Ethanol LLC
5278 SEBRING WARNER RD
Greenville, OH 45331

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

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Regional Air Pollution Control Agency
117 South Main Street
Dayton, OH 45422-1280
(937)225-4435

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

Chris Korleski
Director

Authorization (continued)

Permit Number: P0104279
Permit Description: Installation of 4 steel grain bins

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

Emissions Unit ID:	**P904**
Company Equipment ID:	Four Steel Grain Storage Bins
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

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. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. 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 Regional Air Pollution Control Agency 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 submitting 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 emission 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.

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.

B. Facility-Wide Terms and Conditions

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.

C. Emissions Unit Terms and Conditions

1. P904, Four Steel Grain Storage Bins

Operations, Property and/or Equipment Description:

Four Steel Grain Storage Bins

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. b)(1)a., c)(1), d)(1), e)(1), e)(4), f)(1)a., and f)(1)b.

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(D) (synthetic minor to avoid TV) OAC rule 3745-31-05(E) (synthetic minor to avoid BAT)	Particulate emissions (PE) from this emissions unit shall not exceed 9.75 tons per rolling 12-month period. Emissions of particulate matter less than 10 microns in diameter (PM_{10}) from this emissions unit shall not exceed 2.46 tons per rolling 12-month period. See b)(2)c.
b.	OAC rule 3745-17-07(A)	Visible PE from the stacks serving this emissions unit shall not exceed 20 percent opacity as a six-minute average, except as provided by rule.
c.	OAC rule 3745-17-11(B)	PE from this emissions unit shall not exceed 58.2 lbs/hr.
d.	40 CFR 60 Subpart DD	Visible PE of fugitive dust from grain handling operations shall not exceed 0%

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		opacity.
e.	OAC rule 3745-17-07(B)	See b)(2)d.
f.	OAC rule 3745-17-08(B)	See b)(2)e.

(2) Additional Terms and Conditions

a. The rolling 12-month allowable emission rates are based on the annual production of 132,000,000 gallons of denatured ethanol.

b. This emissions unit is permitted at its potential to emit, as defined in OAC rule 3745-31-01, for all pollutants.

c. Permit to Install and Operate P0104279 for this air contaminant source takes into account a limitation on the grain throughput as a voluntary restriction as proposed by the permittee. This restriction allows the permittee to avoid Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3).

d. 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).

e. 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).

c) Operational Restrictions

(1) The annual grain throughput rate for this emissions unit shall not exceed 780,000 tons per year, based upon a rolling, 12-month summation of the throughput rates.

To ensure enforceability during the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the permittee shall not exceed the production levels specified in the following table:

Month	Allowable Cumulative Grain Throughput (tons)
1	195,000
1-2	390,000
1-3	585,000
1-4	780,000
1-5	780,000
1-6	780,000

1-7	780,000
1-8	780,000
1-9	780,000
1-10	780,000
1-11	780,000
1-12	780,000

After the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, compliance with the annual production rate limitation shall be based upon a rolling, 12-month summation of the production rates.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain monthly records of the following information:

a. the grain throughput for each month;

b. the PE and PM_{10} emissions for each month, in tons;

c. beginning after the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the rolling, 12-month summation of the grain throughputs; and

d. beginning after the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the rolling, 12-month summation of PE and PM_{10} emissions, in tons.

Also, during the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the permittee shall record the cumulative grain throughput for each calendar month and the cumulative PE and PM_{10} emissions, in tons, of the emissions unit.

(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 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 emission incident; and

e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission 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.

(3) The permittee shall perform daily checks, when the emissions unit is in operation, for any visible fugitive particulate emissions from the grain handling operations. 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. the total duration of any visible emission incident; and

c. any corrective actions taken to eliminate the visible emissions.

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify:

a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the Potential to Emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:

i. all exceedances of the rolling, 12-month grain throughput limitation; and for the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, all exceedances of the allowable cumulative grain throughput levels.

ii. all exceedances of the rolling, 12-month PE and PM_{10} emissions limitations.

b. the probable cause of each deviation (excursion);

c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and

d. the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October

(covering July to September), unless an alternative schedule has been established and approved by the director (the appropriate district office or local air agency).

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in d)(2):

a. all days during which any visible particulate emissions were observed from the stacks serving this emissions unit; and

b. any corrective actions taken to minimize or eliminate the visible particulate emissions.

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

a. all days during which any visible fugitive particulate emissions were observed from the grain handling operations; and

b. any corrective actions taken to eliminate the visible fugitive particulate emissions.

(4) The permittee shall submit annual reports which specify the total PE and PM_{10} emissions in tons per rolling 12-month period from this emissions unit for the previous calendar year. This report shall be submitted by April 15 of each year. This requirement may be satisfied by including and identifying the specific emissions data from these emissions units in the annual Fee Emission Report.

(5) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director 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.

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following methods:

a. <u>Emission Limitation</u>

PE from this emissions unit shall not exceed 9.75 tons per rolling 12-month period.

<u>Applicable Compliance Method</u>

Compliance shall be based upon the record keeping requirements in d)(1) and shall be calculated using AP-42 Table 9.9.1-1 (March 2003):

Emissions = (grain throughput) * (emission factor) / (2000 lbs/ton)

Emissions = (780,000 tons grain per rolling 12-month period) * (0.025 lb/ton grain) / (2000 lbs/ton)

Emissions = 9.75 tons per rolling 12-month period

b. Emission Limitation

PM_{10} emissions from this emissions unit shall not exceed 2.46 tons per rolling 12-month period.

Applicable Compliance Method

Compliance shall be based upon the record keeping requirements in d)(1) and shall be calculated using AP-42 Table 9.9.1-1 (March 2003):

Emissions = (grain throughput) * (emission factor) / (2000 lbs/ton)

Emissions = (780,000 tons grain per rolling 12-month period) * (0.0063 lb/ton grain) / (2000 lbs/ton)

Emissions = 2.46 tons per rolling 12-month period

c. Emission Limitation

PE from this emissions unit shall not exceed 58.2 lbs/hr.

Applicable Compliance Method

Compliance shall be calculated using AP-42 Table 9.9.1-1 (March 2003) and inputs representing the Potential To Emit (PTE), as follows:

Emissions = (grain throughput) * (emission factor)

Emissions = (195 tons/hr) * (0.025 lb/ton grain)

Emissions = 4.88 tons/hr

d. Emission Limitation

Visible PE from the stacks serving this emissions unit shall not exceed 20 percent opacity as a six-minute average, except as provided by rule.

Visible PE of fugitive dust from grain handling operations shall not exceed 0% opacity.

Applicable Compliance Method

Compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

g) Miscellaneous Requirements

(1) None.