



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
122 S. Front Street
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

**RE: FINAL PERMIT TO INSTALL
SANDUSKY COUNTY
Application No: 03-13195**

CERTIFIED MAIL

	TOXIC REVIEW
	PSD
	SYNTHETIC MINOR
	CEMS
	MACT
	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED
	GASOLINE DISPENSING FACILITY

DATE: 3/1/2001

Country Spring Farmers Co-Op
Jim Rohlf
2025 West State Street
Fremont, OH 43420

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging 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 Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 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. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

NWDO



FINAL PERMIT TO INSTALL 03-13195

Application Number: 03-13195

APS Premise Number: 0372020121

Permit Fee: **\$2000**

Name of Facility: Country Spring Farmers Co-Op

Person to Contact: Jim Rohlf

Address: 2025 West State Street
Fremont, OH 43420

Location of proposed air contaminant source(s) [emissions unit(s)]:

**1100 Burkholder Road
Clyde, Ohio**

Description of proposed emissions unit(s):

Modification to grain loading facility. Modification includes an emission limitation increase due to a potential throughput increase.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) 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 above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may

be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit to Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons Per Year Increase Due to Modification</u>	<u>Tons Per Year</u>
PE	9.1	24.3

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F001 - grain receiving stations; transfer/ conveying; screening/cleaning operations (modification). Modification includes an throughput increase from 300 TPH to 600 TPH.	OAC rule 3745-31-05 (A) (3)	Control Requirements (See A.2.a.) <u>receiving:</u> 5.40 tons fugitive particulate emissions (PE)/year visible fugitive PE shall not exceed 20% opacity, as a 3-minute average <u>transfer and conveying:</u> 7.32 tons fugitive PE/year visible fugitive PE shall not exceed 0% opacity, as a 6-minute average <u>screening and/or cleaning:</u> 9.00 tons PE/year visible PE shall not exceed 0% opacity, as a 6-minute average
	OAC rule 3745-17-08(A)	See A.2.b.
	OAC rule 3745-17-07 (B)	See A.2.c.

2. Additional Terms and Conditions

- 2.a The “Best Available Technology” (BAT) control requirements for emissions unit F001 have been determined to be the following:

- i. Use of a drive-through enclosure with closed overhead door for grain receiving.
- ii. Use of oil for grain transfer and conveying.

2.b Country Springs Farmers Co-Op 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.

2.c 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).

B. Operational Restrictions

1. The maximum annual grain throughput rate for emissions unit F001 shall not exceed 8,000,000 bushels per emissions unit.
2. The permittee shall apply oil on all grain received at the facility. The oil application rate shall be sufficient to minimize and/or eliminate the emissions of fugitive particulate emissions (PE).
3. The permittee shall keep the overhead door of the drive-through enclosure closed at all times while unloading grain.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information for emissions unit F001:
 - a. the grain throughput;
 - b. the amount of oil consumed; and,
 - c. all periods of time when oil was not applied, the reasons why and the corrective action taken.

D. Reporting Requirements

1. The permittee shall submit annual reports which identify any exceedance of the annual grain throughput limitation, as well as the corrective actions that were taken to achieve compliance. If no deviations occurred during the calendar year, the permittee shall submit an annual report, which states that no deviations occurred during that calendar year. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

E. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitation(s) established in the Applicable Emissions Limitation section of this permit shall be determined in accordance with the following method(s):

- a. Emission Limitation
Receiving: 5.40 tons fugitive PE/year

Applicable Compliance Method

The annual fugitive PE limitation represents the emissions unit's potential to emit based on a maximum grain throughput of 240,000 tons/year, the appropriate emission factor from AP-42 Table 9.9.1-1 (revised 5/98) and the estimated control efficiency provided by the 3-sided enclosure (75 percent). Therefore, no annual record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation. The permittee may calculate the actual annual fugitive PE emission rate from this unit utilizing the appropriate AP-42 emission factor from Table 9.9.1-1 (revised 5/98), the actual annual throughput and the estimated control efficiency provided by the 3-sided enclosure (75 percent).

- b. Emission Limitation
Receiving: visible fugitive PE shall not exceed 20% opacity, as a 3-minute average, except as otherwise provided by rule

Applicable Compliance Method

Compliance with the visible fugitive PE limitation shall be determined in accordance with the test methods and procedures in USEPA Method 9, which is located in 40 CFR Part 60, Appendix A.

- c. Emission Limitation
Transfer and conveying: 7.32 tons fugitive PE/year,

Applicable Compliance Method

The annual fugitive PE limitation represents the emissions unit's potential to emit based on a maximum grain throughput of 240,000 tons/year and the appropriate emission factor from AP-42 Table 9.9.1-1 (revised 5/98). Therefore, no annual record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation. The permittee may calculate the actual annual fugitive PE emission rate from this unit utilizing the appropriate AP-42 emission factor from Table 9.9.1-1 (revised 5/98) and the actual annual throughput.

- d. Emission Limitation
Transfer and conveying: visible fugitive PE shall not exceed 0% opacity, as a 6-minute average

Applicable Compliance Method

Compliance with the visible fugitive PE limitation shall be determined in accordance with the test methods and procedures in USEPA Method 9, which is located in 40 CFR Part 60, Appendix A.

- e. Emission Limitation
Screening and cleaning: 9.00 tons PE/year

Applicable Compliance Method

The annual fugitive PE limitation represents the emissions unit's potential to emit based on a maximum grain throughput of 240,000 tons/year and the appropriate emission factor from AP-42 Table 9.9.1-1 (revised 5/98). Therefore, no annual record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation. The permittee may calculate the actual annual fugitive PE emission rate from this unit utilizing the appropriate AP-42 emission factor from Table 9.9.1-1 (revised 5/98) and the actual annual throughput.

- f. Emission Limitation
Screening and cleaning: 0% opacity, as a six-minute average

Applicable Compliance Method

Compliance with the visible fugitive PE limitation shall be determined in accordance with the test methods and procedures in USEPA Method 9, which is located in 40 CFR Part 60, Appendix A.

F. Miscellaneous Requirements

none

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F002 - 490 TPH Truck/rail loadout station (modification) Modification includes an increase to annual throughput.	OAC rule 3745-31-05 (A) (3) OAC rule 3745-17-08(A) OAC rule 3745-17-07 (B)	Control Requirements (See A.2.a.) 2.58 tons fugitive PE/year Visible fugitive PE shall not exceed 5% opacity, as a 6-minute average from railcar loading Visible fugitive PE shall not exceed 10% opacity, as a 6-minute average from truck loading See A.2.b. See A.2.c.

2. Additional Terms and Conditions

- 2.a The “Best Available Technology” (BAT) control requirements for emissions unit F002 have been determined to be the following:
 - i. Use of adjustable chute for truck/railcar loading.
- 2.b Country Springs Farmers Co-Op 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.
- 2.c 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).

B. Operational Restrictions

1. The maximum annual grain throughput rate for emissions unit F002 shall not exceed 8,000,000 bushels per emissions unit.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the grain throughput for emissions unit F002.

D. Reporting Requirements

1. The permittee shall submit annual reports which identify any exceedance of the annual grain throughput limitation, as well as the corrective actions that were taken to achieve compliance. If no deviations occurred during the calendar year, the permittee shall submit an annual report, which states that no deviations occurred during that calendar year. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

E. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitation(s) established in the Applicable Emissions Limitation section of this permit shall be determined in accordance with the following method(s):

- a. Emission Limitation
Loadout: 2.58 tons fugitive PE/year

Applicable Compliance Method

The annual fugitive PE limitation represents the emissions unit's potential to emit based on a maximum grain throughput of 240,000 tons/year, the appropriate emission factor from AP-42 Table 9.9.1-1 (revised 5/98) and the estimated control efficiency provided by the 3-sided enclosure (75 percent). Therefore, no annual record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation. The permittee may calculate the actual annual fugitive PE emission rate from this unit utilizing the appropriate AP-42 emission factor from Table 9.9.1-1 (revised 5/98), the actual annual throughput and the estimated control efficiency provided by the 3-sided enclosure (75 percent).

- b. Emission Limitation
Loadout - visible fugitive PE shall not exceed 5% opacity, as a 6-minute average during railcar loading

Applicable Compliance Method

Compliance with the visible fugitive PE limitation shall be determined in accordance with the test methods and procedures in USEPA Method 9, which is located in 40 CFR Part 60, Appendix A.

- c. Emission Limitation

Loadout - visible fugitive PE shall not exceed 10% opacity, as a 6-minute average, during truck loading

Applicable Compliance Method

Compliance with the visible fugitive PE limitation shall be determined in accordance with the test methods and procedures in USEPA Method 9, which is located in 40 CFR Part 60, Appendix A.

F. Miscellaneous Requirements

none

NEW SOURCE REVIEW FORM B

PTI Number: 03-13195

Facility ID: 0372020121

FACILITY NAME Country Spring Farmers Co-Op

FACILITY DESCRIPTION Modification to grain loading facility. CITY/TWP Clyde

SIC CODE 5153 SCC CODE 3-02-999-99 EMISSIONS UNIT ID F001

EMISSIONS UNIT DESCRIPTION Grain receiving station including screening/cleaning and transfer/conveying

DATE INSTALLED 1969, 1995 mod, 1999 mod

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment		21.72		21.72
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? N NESHAP? N PSD? N OFFSET POLICY? N

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination Use of total enclosure on material transfer, conveying, screening and cleaning operations, oiling of incoming grain, and compliance with the terms and conditions of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? NO

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ N/A

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 03-13195

Facility ID: 0372020121

FACILITY NAME Country Spring Farmers Co-Op

FACILITY DESCRIPTION Modification to grain loading facility. CITY/TWP Clyde

Please describe any hard copy information is being submitted with this recommendation (Please send hard copy information to Pam McGraner, DAPC Central Office - Air Quality Modeling and Planning):

NONE

Please provide any additional permit specific notes as you deem necessary:

NONE

Permit To Install Synthetic Minor Write-Up

NONE

Please fill in the following for this permit:

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year Increase Due to Modification</u>	<u>Tons Per Year</u>
PE	9.1	24.3