



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL  
RICHLAND COUNTY**

**CERTIFIED MAIL**

Street Address:

122 S. Front Street

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049

**Application No: 03-17176**

**Fac ID: 0370940001**

**DATE: 8/22/2006**

Town and Country Co-op Inc.  
Duane Staats  
489 North Main Street  
Mansfield, OH 44902

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 of the Director is final 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 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  
309 South Fourth Street, Room 222  
Columbus, OH 43215

Sincerely,

Michael W. Ahern, Manager  
Permit Issuance and Data Management Section  
Division of Air Pollution Control

CC: USEPA

NWDO



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**Permit To Install  
Terms and Conditions**

**Issue Date: 8/22/2006  
Effective Date: 8/22/2006**

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**FINAL PERMIT TO INSTALL 03-17176**

Application Number: 03-17176  
Facility ID: 0370940001  
Permit Fee: **\$900**  
Name of Facility: Town and Country Co-op Inc.  
Person to Contact: Duane Staats  
Address: 489 North Main Street  
Mansfield, OH 44902

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**489 North Main Street  
Mansfield, Ohio**

Description of proposed emissions unit(s):  
**Portable grain receiving area**

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

Town and Country Co-op Inc.  
PTI Application: 03-17176  
Issued: 8/22/2006

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## 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

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

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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)**

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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 Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

#### **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.

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**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 ninety (90) 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</u>
PE	4.35
PM10	1.75

**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.

**Operations, Property, and/or Equipment - (F001) - Portable grain receiving, handling, and loading operations**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-02(A)	See A.2.a  <u>Grain receiving:</u> 2.02 tons fugitive particulate emissions (PE) per year; 0.66 ton fugitive particulate matter 10 microns in diameter or less (PM10) per year  <u>Transferring and conveying:</u> 1.37 tons fugitive PE per year; 0.76 tons fugitive PM10 per year  <u>Grain loading operations:</u> 0.96 tons fugitive PE per year; 0.33 tons fugitive PM10 per year  Visible fugitive particulate emissions shall not exceed 20% opacity as a 3-minute average from grain receiving, transferring and conveying, and loading operations
OAC rule 3745-17-07(B)	See A.2.b
OAC rule 3745-17-08(B)	See A.2.b

**2. Additional Terms and Conditions**

- 2.a Permit to Install 03-17176 for this air contaminant source takes into account the following voluntary restrictions as proposed by the permittee for purposes of establishing requirements that would be equivalent to Best Available Technology (BAT) requirements under OAC rule-3745-31-05(A)(3):

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- i. mineral oil shall be applied to all grain received;
- ii. compliance with the grain throughput restriction specified in B.1;
- iii. compliance with the emission limitations specified in A.1

The voluntary restrictions above are being defined as equivalent to BAT requirements such that this emissions unit meets the criteria in F.1.a associated with the relocation of a portable source. BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the PE and PM10 emissions from this air contaminant source since the calculated annual emission rate for PE and PM10 is less than ten tons per year taking into account the permittee's request for voluntary restrictions equivalent to BAT requirements.

- 2.b** This emissions unit is a portable source and is applicable to the requirements of OAC rule 3745-17-07(B) and OAC rule 3745-17-08(B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. Voluntary restrictions proposed by the permittee under OAC rule 3745-31-02(A) are more stringent than any requirements/emissions limitations as may be applicable under OAC 3745-17-07(B) and OAC 3745-17-08(B).

**B. Operational Restrictions**

1. The maximum annual grain throughput for emissions unit F001 shall not exceed 22,400 tons. This restriction is based on the grain throughput of grain receiving operations.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the amount of grain throughput for grain receiving operations (in tons per month and total tons, to date for the calendar year).
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 grain receiving, transferring and conveying and loading 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 location and color of the emissions;

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- 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 abnormal 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 (iv.) 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.

#### **D. Reporting Requirements**

1. The permittee shall submit reports that summarize the total annual amount of grain throughput for grain receiving operations. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
2. The permittee shall submit semiannual written reports that (a) identify all days during which any abnormal visible fugitive particulate emissions were observed from grain receiving, transferring and conveying and loading operations, and (b) describe any corrective actions taken to minimize or eliminate the abnormal visible fugitive particulate emissions. These reports shall be submitted to the Director (the Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

#### **E. Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.1. of the terms and condition of this permit shall be determined in accordance with the following method(s):
  - a. Emission Limitation  
2.02 tons fugitive PE per year from grain receiving

##### Applicable Compliance Method

The emission limitation was developed by multiplying an AP-42 emission factor

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of 0.18 lbs PE/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 22,400 tons, and a conversion factor of 1 ton/2000 lbs. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

- b. Emission Limitation  
0.66 ton fugitive PM10 per year from grain receiving

Applicable Compliance Method

The emission limitation was developed by multiplying an AP-42 emission factor of 0.059 lbs PM10/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 22,400 tons, and a conversion factor of 1 ton/2000 lbs. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

- c. Emission Limitation  
1.37 tons fugitive PE per year from transferring and conveying

Applicable Compliance Method

The emission limitation was developed by multiplying an AP-42 emission factor of 0.061 lbs PE/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 22,400 tons, a factor of 2 (for transferring and conveying associated with receiving and loading) and a conversion factor of 1 ton/2000 lbs. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

- d. Emission Limitation  
0.76 ton fugitive PM10 per year from transferring and conveying

Applicable Compliance Method

The emission limitation was developed by multiplying an AP-42 emission factor of 0.034 lbs PE/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 22,400 tons, a factor of 2 (for transferring and conveying associated with receiving and loading) and a conversion factor of 1 ton/2000 lbs. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

- e. Emission Limitation  
0.96 ton fugitive PE per year from grain loading

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Applicable Compliance Method

The emission limitation was developed by multiplying an AP-42 emission factor of 0.086 lbs PE/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 22,400 tons, and a conversion factor of 1 ton/2000 lbs. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

f. Emission Limitation

0.33 ton fugitive PM10 per year from grain loading

Applicable Compliance Method

The emission limitation was developed by multiplying an AP-42 emission factor of 0.029 lbs PM10/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 22,400 tons, and a conversion factor of 1 ton/2000 lbs. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

g. Emission Limitation

Visible fugitive particulate shall not exceed 20% opacity as a 3-minute average from grain receiving, transferring and conveying, and loading operations

Applicable Compliance Method

If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 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)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

**F. Miscellaneous Requirements**

1. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(I), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:
  - a. The portable source was issued a PTI that defined BAT requirements and the portable source continues to comply with those BAT requirements; and
  - b. The portable source is currently in compliance with the currently effective PTI and the Permit to Operate (PTO); and
  - c. The applicant has provided proper notice of intent to relocate the portable source to the director within a minimum of thirty days prior to the scheduled

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relocation; and

- d. The director has issued a notice stating that in the director's judgment, the proposed site is acceptable under rule 3745-15-07 of the Administrative Code, and
  - e. The director has issued a notice stating that in the director's judgment, relocating the portable source will not result in the installation of a major stationary source, the modification of a major stationary source or the creation of a Title V source.
2. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI if the director has issued a site approval for the new location

In determining whether the director issues a site approval for a portable source, the applicant must demonstrate that the following criteria have been met pursuant to OAC rule 3745-31-05(E):

- a. The portable source is currently in compliance with the currently effective PTI and PTO.
- b. The portable source was issued a PTI that defined BAT requirements and the portable source continues to comply with those BAT requirements.
- c. The portable source owner has identified the proposed site to Ohio EPA.
- d. Ohio EPA has determined that the portable source, at the proposed site, will have an acceptable environmental impact.
- e. A public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located.
- f. The owner of the proposed site has provided the portable source owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable source to this proposed site.
- g. The portable source owner has provided Ohio EPA with fifteen days written notice of the relocation.

Any site approvals issued by Ohio EPA shall be valid for no longer than three years

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and are subject to renewal.