State of Ohio Environmental Protection Agency

RE: FINAL PERMIT TO INSTALL **CERTIFIED MAIL**
LORAIN COUNTY

Street Address: Lazarus Gov. Center **TELE:** (614) 644-3020 **FAX:** (614) 644-2329 Mailing Address: Lazarus Gov. Center

Application No: 02-14640

DATE: 8/7/2001

Browning-Ferris Industries of Ohio Inc
David Matthews
43502 Oberlin-Elyria Rd
Oberlin, OH 44074

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

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

CC: USEPA **NEDO**

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install

FINAL PERMIT TO INSTALL 02-14640

Application Number:	02-14640
APS Premise Number:	0247000760
Permit Fee:	**$2800**
Name of Facility:	Browning-Ferris Industries of Ohio Inc
Person to Contact:	David Matthews
Address:	43502 Oberlin-Elyria Rd Oberlin, OH 44074

Location of proposed air contaminant source(s) [emissions unit(s)]:
43502 Oberlin-Elyria Rd
Oberlin, Ohio

Description of proposed emissions unit(s):
A 750 HP diesel Tub Grinder and a 362 HP diesel Duetz screen for grinding and screening of yard waste; a 60 HP Power Screener; 2-48 HP and 1-43 HP diesel water pumps; various soil stockpiles.

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. State and Federally Enforceable Permit To Install General Terms and Conditions

1. Monitoring and Related Recordkeeping and Reporting Requirements

a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

i. The date, place (as defined in the permit), and time of sampling or measurements.

ii. The date(s) analyses were performed.

iii. The company or entity that performed the analyses.

iv. The analytical techniques or methods used.

v. The results of such analyses.

vi. The operating conditions existing at the time of sampling or measurement.

b. 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.

c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:

i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

ii. Quarterly written reports of (i) any deviations from federally enforceable <u>emission limitations</u>, <u>operational restrictions</u>, <u>and control device operating parameter limitations</u>, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the appropriate Ohio EPA District Office or local air agency. The written 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. See B.10 below if no deviations occurred during the quarter.

iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.

iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

2. 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, i.e., upset, 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. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to 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 emission unit(s) that is (are) served by such control system(s).

3. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

4. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

5. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

6. General Requirements

a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.

b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.

c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

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

e. 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 request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

7. 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.

8. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are

required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

9. Compliance Requirements

a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.

ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.

iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.

ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

10. Permit To Operate Application

a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. 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 source(s) covered by this permit.

11. 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.

B. State Only Enforceable 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 of state-only enforceable 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 state-only required 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. 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.

4. 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.

5. 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.

6. 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.

7. 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.

8. 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).

9. 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.

10. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

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.

C. 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

Pollutant	Tons Per Year
Oxides of Nitrogen	29.4
Sulfur Dioxide	3.35
Organic Compounds	2.36
Particulate Emissions	6.28
Carbon Monoxide	7.03

Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions

None

B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC E MISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F003 - Compost piles, Windrows, and storage pile bunkers	OAC rule 3745-31-05(A)(3)	No visible emissions except for a period of time not to exceed one minute during any sixty-minute observation period. Particulate emissions shall not exceed 3.15 tons per year.
	OAC rule 3745-17-07(B)(6)	Exempt, because emissions unit is not located within an Appendix A area.
	OAC rule 3745-17-08(B)	Exempt, because the emissions unit is not located within an Appendix A area.

2. Additional Terms and Conditions

2.a The storage piles that are covered by this permit and are subject to the requirements of OAC rule 3745-31-05 are listed below:

All Compost piles
All Windrows
All Storage pile bunkers
All Wood pallet piles

2.b The permittee shall employ best available control measures on all load-in and load-out

operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to process material with an inherently high moisture content and to minimize drop heights. Nothing is this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.c The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage piles if the permittee determines, as result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary;

2.d The permittee shall employ best available control measures for wind erosion from surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to process high moisture content material to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance;

2.e The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile 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; and,

2.f Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of each load-in and load-out operation at each storage pile in accordance with the following frequencies:

storage pile identification	minimum load-in and load-out inspection frequency
All Compost piles	weekly
All Windrows	weekly
All Storage pile bunkers	weekly
All Wood pallet piles	weekly

2. Except as otherwise provided in this section, the permittee shall perform inspections of the wind erosion from pile surfaces associated with each storage pile in accordance with the following frequencies:

storage pile identification	minimum inspection frequency
All Compost piles	weekly
All Windrows	weekly
All Storage pile bunkers	weekly
All Wood pallet piles	weekly

3. No inspection shall be necessary for wind erosion from the surface of a storage pile when the pile is covered with snow and/or ice and for any storage pile activity 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.

4. The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for load-in and load-out of a storage pile, and wind erosion from the surface of a storage pile. The inspections shall be performed during representative, normal storage pile operating conditions.

5. The permittee shall maintain records of the following information:

   a. the date and reason any required inspection was 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, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control

measure(s).

The information required in 6.d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the pile surfaces (wind erosion), and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

6. The permittee may, upon receipt of written approval from the Ohio EPA, Northeast District Office, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.

7. The permittee shall annually record the amount of soil, compost, and mulch that is processed through the facility.

IV. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:

   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.

V. Testing Requirements

1. Emission Limitation: No visible emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

   Applicable Compliance Method: Compliance with the visible emissions limitation for the storage piles identified 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, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

2. Emission Limitation: Particulate emissions shall not exceed 3.15 tons per year.

   Applicable Compliance Method: Compliance shall be demonstrated by using the following equation:

Emissions Unit ID: F003

Particulate emissions from Bulk material handling

$EBi = [k \times (0.0032) \times [(U/5)^{1.3}/(Mi/2)^{1.4}] \times TPYi]/2000$
where

EBi = particulate emissions from storage pile i, ton per year (i = soil, compost, mulch)
k = equation coefficient, 0.74
U = mean wind speed, 10 mph
Mi = moisture content of material in storage pile i, (i=soil 10; compost 14; mulch 14)
TPYi = ton per year of material i handled, (i = soil, compost, mulch)
2000 = conversion factor, pounds per ton

Particulate emissions from wind erosion

$EWi = [1.7 \times (si/1.5) \times [(365-p)/235] \times (f/15) \times Ai \times 365]/2000$

where

EWi = particulate emissions from wind erosion, ton per year (i=soil, mulch, compost)
s = silt content (i = soil 11, compost 8.4, mulch 8.4)
p = number of days per year with precipitation greater than 0.01 inches, 150.
f = percentage of time wind speed exceeds 12 mph, 30%
Ai = number of acres that contain pile i
365 = conversion factor, days per year
2000 = conversion factor, pounds per ton

Total particulate emissions

Et = summation (EBi + EWi) where

Et = total particulate emissions, tons per year

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F003 - Compost piles, Windrows, and storage pile bunkers	OAC rule 3745-31-05	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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		Applicable Rules/Requirements
P002 - 750 hp diesel engine tub grinder		OAC rule 3745-31-05(A)(3)
Products of Combustion		
	Fugitive emissions (maximum production of grinder: 200 cubic yards per hour)	
		OAC rule 3745-17-10(B)(1)

	Applicable Emissions Limitations/Control Measures	
OAC rule 3745-17-07(A)(1)		shall not exceed 10 percent opacity as a six-minute average.
	Oxides of nitrogen emissions shall not exceed 3.25 pounds per hour and 4.90 tons per year.	Particulate emissions shall not exceed 0.34 ton per year.
OAC rule 3745-18-06	Carbon monoxide emissions shall not exceed 0.85 pound per hour and 1.28 tons per year.	Exempt, because the emission unit is not located within an Appendix A area.
OAC rule 3745-31-05(A)(3)	Sulfur dioxide emissions shall not exceed 1.06 pounds per hour and 1.60 tons per year.	
OAC rule 3745-17-08(B)(1)	Particulate emissions shall not exceed 0.040 pound per million Btu and 0.07 ton per year.	
	Organic compound emissions shall not exceed 0.10 pound per hour, and 0.15 ton per year.	
	Visible particulate stack emissions shall not exceed 10 percent opacity as a six-minute average.	
	The particulate emission limitation specified by this rule is equivalent to the limit established by OAC rule 3745-31-05(A)(3).	
	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).	
	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).	
	Visible fugitive particulate emissions	

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall only burn #2 fuel oil in this emissions unit.

2. The permittee shall burn no more than 7.65 gallons of #2 fuel oil per hour.

3. The permittee shall not operate this emissions unit more than 3016 hours per calendar year.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving each emissions unit. The presence or absence of any visible emissions shall be noted in an operations log for each unit. If visible emissions are observed, the permittee shall also note the following in the operation log:

   a. the color of the emissions;
   b. the cause of the visible emissions;
   c. the total duration of any visible emission incident; and,
   d. any corrective actions taken to eliminate the visible emissions.

2. The permittee shall record each day when a fuel other than #2 fuel oil is burned in this emissions unit.

3. The permittee shall record each day the amount of fuel burned in this emissions unit.

4. The permittee shall record each day the hours of operation of this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving the emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Northeast District Office of the Ohio EPA by January 31 and July 31 of each year and shall cover the previous 6-month period.

2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than #2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

3. The permittee shall submit deviation (excursion) reports that identify each day when 7.65 gallons per hour of #2 fuel oil burned is exceeded. Each report shall be submitted within 30 days after the deviation occurs.

4. The permittee shall submit deviation (excursion) reports that identify if the allowable operating hours for the emissions unit is exceeded. The report shall be submitted within 30 days after the deviation occurs.

V. Testing Requirements

1. Emission Limitation: Oxides of nitrogen emissions shall not exceed 3.25 pounds per hour and 4.9 tons per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.4, Large Stationary Diesel and All Stationary Dual-fuel Engines, version 10/96 and compliance with the operational restrictions of this permit.

2. Emission Limitation: Carbon monoxide emissions shall not exceed 0.85 pound per hour and 1.28 tons per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.4, Large Stationary Diesel and All Stationary Dual-fuel Engines, version 10/96 and compliance with the operational restrictions of this permit.

3. Emission Limitation: Sulfur dioxide emissions shall not exceed 1.06 pounds per hour and 1.60 tons per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.4, Large Stationary Diesel and All Stationary Dual-fuel Engines, version 10/96 and compliance with the operational restrictions of this permit.

4. Emission Limitation: Organic compound emissions shall not exceed 0.10 pound per hour and 0.15 ton per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.4, Large Stationary Diesel and All Stationary Dual-fuel Engines,

version 10/96 and compliance with the operational restrictions of this permit.

5. Emission Limitation: Particulate emissions from the stack shall not exceed 0.040 pound per million Btu and 0.07 ton per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.4, Large Stationary Diesel and All Stationary Dual-fuel Engines, version 10/96 and compliance with the operational restrictions of this permit.

6. Emission Limitation: Visible particulate stack emissions shall not exceed 10 percent opacity as a six-minute average.

   Applicable Compliance Method: Compliance shall be demonstrated, if required, by using Method 9 of 40 CFR, Part 60, Appendix A.

7. Emission Limitation: Visible fugitive particulate emissions shall not exceed 10 percent opacity as a six-minute average.

   Applicable Compliance Method: Compliance shall be demonstrated, if required, by using Method 9 of 40 CFR, Part 60, Appendix A.

8. Emission Limitation: Fugitive particulate emissions shall not exceed 0.34 ton per year.

   Applicable Compliance Method: Compliance shall be demonstrated by using the following equation from AP-42, Section 13.2.4, Aggregate Handling and Storage Piles, version 1/95.

$T = E \times P \times D$ where

T = total tons per year of fugitive particulate emissions
P = maximum cubic yards processed per year, assumes 200 cubic yards per hour
D = density of material processed, assumes 3 tons per cubic yard for compost material and 0.5 ton per cubic yard for wood pallets

$E = k \times (0.0032) \times [(U/5)^{1.3}/(M/2)^{1.4}]$ where

E = pounds of fugitive particulate emission per ton processed
k = equation coefficient, 0.74
U = mean wind erosion, 10 mph
M = moisture content of material, assume 14%.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P002 - 750 hp diesel engine tub grinder (maximum production of 200 cubic yards per hour)	OAC rule 3745-31-05	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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		Applicable Rules/Requirements
P003 - 362 hp Duetz diesel generator for screener		OAC rule 3745-31-05(A)(3)
Products of Combustion		
	Fugitive emissions (maximum production of screener: 200 cubic yards per hour)	
		OAC rule 3745-17-10(B)(1)

OAC rule 3745-17-07(A)(1)	Applicable Emissions Limitations/Control Measures	emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	Oxides of nitrogen emissions shall not exceed 3.25 pounds per hour and 4.90 tons per year.	Visible fugitive particulate emissions shall not exceed 10 percent opacity as a six-minute average.
OAC rule 3745-18-06	Carbon monoxide emissions shall not exceed 0.76 pound per hour and 1.15 tons per year.	Particulate emissions shall not exceed 0.06 ton per year.
OAC rule 3745-31-05(A)(3)	Sulfur dioxide emissions shall not exceed 0.23 pound per hour and 0.35 ton per year.	Exempt, because the emission unit is not located within an Appendix A area.
OAC rule 3745-17-08(B)(1)	Particulate emissions shall not exceed 0.040 pound per million Btu and 0.07 ton per year.	
	Organic compound emissions shall not exceed 0.29 pound per hour, and 0.44 ton per year.	
	Visible particulate stack emissions shall not exceed 10 percent opacity as a six-minute average.	
	The particulate emission limitation specified by this rule is equivalent to the limit established by OAC rule 3745-31-05(A)(3).	
	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).	
	The emission limitation specified by this rule is less stringent than the	

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall only burn #2 fuel oil in this emissions unit.

2. The permittee shall burn no more than 5.7 gallons of #2 fuel oil per hour.

3. The permittee shall not operate this emissions unit more than 3016 hours per calendar year.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving each emissions unit. The presence or absence of any visible emissions shall be noted in an operations log for each unit. If visible emissions are observed, the permittee shall also note the following in the operation log:

   a. the color of the emissions;
   b. the cause of the visible emissions;
   c. the total duration of any visible emission incident; and,
   d. any corrective actions taken to eliminate the visible emissions.

2. The permittee shall record each day when a fuel other than #2 fuel oil is burned in this emissions unit.

3. The permittee shall record each day the amount of #2 fuel oil burned in this emissions unit.

4. The permittee shall record each day the hours of operation of this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving the emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Northeast District Office of the Ohio EPA by January 31 and July 31 of each year and shall cover the previous 6-month period.

2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than #2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

3. The permittee shall submit deviation (excursion) reports that identify each day when 5.7 gallons per hour of #2 fuel oil burned is exceeded. Each report shall be submitted within 30 days after the deviation occurs.

4. The permittee shall submit deviation (excursion) reports that identify if the allowable operating hours for the emissions unit is exceeded. The report shall be submitted within 30 days after the deviation occurs.

V. Testing Requirements

1. Emission Limitation: Oxides of nitrogen emissions shall not exceed 3.25 pounds per hour and 4.9 tons per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

2. Emission Limitation: Carbon monoxide emissions shall not exceed 0.76 pound per hour and 1.15 tons per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

3. Emission Limitation: Sulfur dioxide emissions shall not exceed 0.23 pound per hour and 0.35 ton per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

4. Emission Limitation: Organic compound emissions shall not exceed 0.29 pound per hour and 0.44 ton per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

5. Emission Limitation: Particulate emissions from the stack shall not exceed 0.040 pound per million Btu and 0.07 ton per year.

Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

6. Emission Limitation: Visible particulate stack emissions shall not exceed 10 percent opacity as a six-minute average.

Applicable Compliance Method: Compliance shall be demonstrated, if required, by using Method 9 of 40 CFR, Part 60, Appendix A.

7. Emission Limitation: Visible fugitive particulate emissions shall not exceed 10 percent opacity as a six-minute average.

Applicable Compliance Method: Compliance shall be demonstrated, if required, by using Method 9 of 40 CFR, Part 60, Appendix A.

8. Emission Limitation: Fugitive particulate emissions shall not exceed 0.06 ton per year.

Applicable Compliance Method: Compliance shall be demonstrated by using the following equation from AP-42, Section 13.2.4, Aggregate Handling and Storage Piles, version 1/95.

$T = E \times P \times D$ where

T = total tons per year of fugitive particulate emissions
P = maximum cubic yards processed per year, assumes 200 cubic yards per hour
D = density of material processed, assumes 0.6 tons per cubic yard for compost material

$E = k \times (0.0032) \times [(U/5)^{1.3}/(M/2)^{1.4}]$ where

E = pounds of fugitive particulate emission per ton processed
k = equation coefficient, 0.74
U = mean wind erosion, 10 mph
M = moisture content of material, assume 14%.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P003 - 362 hp Duetz diesel generator for screener	OAC rule 3745-31-05	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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		Applicable Rules/Requirements
P004 - Performance blend mixing equipped with a 60 hp diesel generator		OAC rule 3745-31-05(A)(3)
	Fugitive emissions (maximum production of blender: 67 cubic yards per hour)	
		OAC rule 3745-17-10(B)(1)

OAC rule 3745-17-07(A)(1)	Applicable Emissions Limitations/Control Measures	emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	Oxides of nitrogen emissions shall not exceed 3.25 pounds per hour and 4.90 tons per year.	Visible fugitive particulate emissions shall not exceed 10 percent opacity as a six-minute average.
OAC rule 3745-18-06	Carbon monoxide emissions shall not exceed 0.76 pound per hour and 1.15 tons per year.	Particulate emissions shall not exceed 0.22 ton per year.
OAC rule 3745-31-05(A)(3)	Sulfur dioxide emissions shall not exceed 0.23 pound per hour and 0.35 ton per year.	Exempt, because the emission unit is not located within an Appendix A area.
OAC rule 3745-17-08(B)(1)	Particulate emissions shall not exceed 0.040 pound per million Btu and 0.07 ton per year.	
	Organic compound emissions shall not exceed 0.29 pound per hour, and 0.44 ton per year.	
	Visible particulate stack emissions shall not exceed 10 percent opacity as a six-minute average.	
	The particulate emission limitation specified by this rule is equivalent to the limit established by OAC rule 3745-31-05(A)(3).	
	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).	
	The emission limitation specified by this rule is less stringent than the	

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall only burn #2 fuel oil in this emissions unit.

2. The permittee shall burn no more than 5.7 gallons of #2 fuel oil per hour.

3. The permittee shall not operate this emissions unit more than 3016 hours per calendar year.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving each emissions unit. The presence or absence of any visible emissions shall be noted in an operations log for each unit. If visible emissions are observed, the permittee shall also note the following in the operation log:

   a. the color of the emissions;
   b. the cause of the visible emissions;
   c. the total duration of any visible emission incident; and,
   d. any corrective actions taken to eliminate the visible emissions.

2. The permittee shall record each day when a fuel other than #2 fuel oil is burned in this emissions unit.

3. The permittee shall record each day the amount of #2 fuel oil burned in this emissions unit.

4. The permittee shall record each day the hours of operation of this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving the emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Northeast District Office of the Ohio EPA by January 31 and July 31 of each year and shall cover the previous 6-month period.

2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than #2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

3. The permittee shall submit deviation (excursion) reports that identify each day when 5.7 gallons per hour of #2 fuel oil burned is exceeded. Each report shall be submitted within 30 days after the deviation occurs.

4. The permittee shall submit deviation (excursion) reports that identify if the allowable operating hours for the emissions unit is exceeded. The report shall be submitted within 30 days after the deviation occurs

V. Testing Requirements

1. Emission Limitation: Oxides of nitrogen emissions shall not exceed 3.25 pounds per hour and 4.9 tons per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

2. Emission Limitation: Carbon monoxide emissions shall not exceed 0.76 pound per hour and 1.15 tons per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

3. Emission Limitation: Sulfur dioxide emissions shall not exceed 0.23 pound per hour and 0.35 ton per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

4. Emission Limitation: Organic compound emissions shall not exceed 0.29 pound per hour and 0.44 ton per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

5. Emission Limitation: Particulate emissions from the stack shall not exceed 0.040 pound per million Btu and 0.07 ton per year.

Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

6. Emission Limitation: Visible particulate stack emissions shall not exceed 10 percent opacity as a six-minute average.

Applicable Compliance Method: Compliance shall be demonstrated, if required, by using Method 9 of 40 CFR, Part 60, Appendix A.

7. Emission Limitation: Visible fugitive particulate emissions shall not exceed 10 percent opacity as a six-minute average.

Applicable Compliance Method: Compliance shall be demonstrated, if required, by using Method 9 of 40 CFR, Part 60, Appendix A.

8. Emission Limitation: Fugitive particulate emissions shall not exceed 0.22 ton per year.

Applicable Compliance Method: Compliance shall be demonstrated by using the following equation from AP-42, Section 13.2.4, Aggregate Handling and Storage Piles, version 1/95.

$T = E \times P \times D$ where

T = total tons per year of fugitive particulate emissions
P = maximum cubic yards processed per year, assumes 67 cubic yards per hour
D = density of material processed, assumes 3.7 tons per cubic yard for blend material (0.6 ton per cubic yard for compost; 1.6 tons per cubic yard for sand; and 1.5 tons per cubic yard for soil)

$E = k \times (0.0032) \times [(U/5)^{1.3}/(M/2)^{1.4}]$ where

E = pounds of fugitive particulate emission per ton processed
k = equation coefficient, 0.74
U = mean wind erosion, 10 mph
M = moisture content of material, assume 10.5%.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P004 - Performance blend mixing equipped with a 60 hp diesel generator	OAC rule 3745-31-05	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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	Applicable Rules/Requirements
	OAC rule 3745-17-07(A)(1)
P005 - 48 hp 6-inch diesel powered water pump number 1 for storm water management	OAC rule 3745-31-05(A)(3)
	OAC rule 3745-18-06
	OAC rule 3745-17-10(B)(1)

Applicable Emissions Limitations/Control Measures		
Oxides of nitrogen emissions shall not exceed 3.25 pounds per hour and 4.90 tons per year.	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).	
Carbon monoxide emissions shall not exceed 0.76 pound per hour and 1.15 tons per year.	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).	
Sulfur dioxide emissions shall not exceed 0.23 pound per hour and 0.35 ton per year.		
Particulate emissions shall not exceed 0.040 pound per million Btu and 0.07 ton per year.		
Organic compound emissions shall not exceed 0.29 pound per hour, and 0.44 ton per year.		
Visible particulate stack emissions shall not exceed 10 percent opacity as a six-minute average.		
The particulate emission limitation specified by this rule is equivalent to the limit established by OAC rule 3745-31-05(A)(3).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall only burn #2 fuel oil in this emissions unit.

2. The permittee shall burn no more than 5.7 gallons of #2 fuel oil per hour.

3. The permittee shall not operate this emissions unit more than 3016 hours per calendar year.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving each emissions unit. The presence or absence of any visible emissions shall be noted in an operations log for each unit. If visible emissions are observed, the permittee shall also note the following in the operation log:

   a. the color of the emissions;
   b. the cause of the visible emissions;
   c. the total duration of any visible emission incident; and,
   d. any corrective actions taken to eliminate the visible emissions.

2. The permittee shall record each day when a fuel other than #2 fuel oil is burned in this emissions unit.

3. The permittee shall record each day the amount of #2 fuel oil burned in this emissions unit.

4. The permittee shall record each day the hours of operation of this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving the emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Northeast District Office of the Ohio EPA by January 31 and July 31 of each year and shall cover the previous 6-month period.

2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than #2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

3. The permittee shall submit deviation (excursion) reports that identify each day when 5.7 gallons per hour of #2 fuel oil burned is exceeded. Each report shall be submitted within 30 days after the deviation occurs.

4. The permittee shall submit deviation (excursion) reports that identify if the allowable operating hours for the emissions unit is exceeded. The report shall be submitted within 30 days after the deviation occurs

V. Testing Requirements

1. Emission Limitation: Oxides of nitrogen emissions shall not exceed 3.25 pounds per hour and 4.9 tons per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

2. Emission Limitation: Carbon monoxide emissions shall not exceed 0.76 pound per hour and 1.15 tons per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

3. Emission Limitation: Sulfur dioxide emissions shall not exceed 0.23 pound per hour and 0.35 ton per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

4. Emission Limitation: Organic compound emissions shall not exceed 0.29 pound per hour and

0.44 ton per year.

Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

5. Emission Limitation: Particulate emissions from the stack shall not exceed 0.040 pound per million Btu and 0.07 ton per year.

Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

6. Emission Limitation: Visible particulate stack emissions shall not exceed 10 percent opacity as a six-minute average.

Applicable Compliance Method: Compliance shall be demonstrated, if required, by using Method 9 of 40 CFR, Part 60, Appendix A.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P005 - 48 hp 6-inch diesel powered water pump number 1	OAC rule 3745-31-05	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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	Applicable Rules/Requirements
	OAC rule 3745-17-07(A)(1)
P006 - 43 hp 4-inch diesel powered water pump number 2 used for filling water truck	OAC rule 3745-31-05(A)(3)
	OAC rule 3745-18-06
	OAC rule 3745-17-10(B)(1)

Applicable Emissions Limitations/Control Measures	
Oxides of nitrogen emissions shall not exceed 3.25 pounds per hour and 4.90 tons per year.	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
Carbon monoxide emissions shall not exceed 0.76 pound per hour and 1.15 tons per year.	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
Sulfur dioxide emissions shall not exceed 0.23 pound per hour and 0.35 ton per year.	
Particulate emissions shall not exceed 0.040 pound per million Btu and 0.07 ton per year.	
Organic compound emissions shall not exceed 0.29 pound per hour, and 0.44 ton per year.	
Visible particulate stack emissions shall not exceed 10 percent opacity as a six-minute average.	
The particulate emission limitation specified by this rule is equivalent to the limit established by OAC rule 3745-31-05(A)(3).	

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall only burn #2 fuel oil in this emissions unit.

2. The permittee shall burn no more than 5.7 gallons of #2 fuel oil per hour.

3. The permittee shall not operate this emissions unit more than 3016 hours per calendar year.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving each emissions unit. The presence or absence of any visible emissions shall be noted in an operations log for each unit. If visible emissions are observed, the permittee shall also note the following in the operation log:

   a. the color of the emissions;
   b. the cause of the visible emissions;
   c. the total duration of any visible emission incident; and,
   d. any corrective actions taken to eliminate the visible emissions.

2. The permittee shall record each day when a fuel other than #2 fuel oil is burned in this emissions unit.

3. The permittee shall record each day the amount of #2 fuel oil burned in this emissions unit.

4. The permittee shall record each day the hours of operation of this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving the emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Northeast District Office of the Ohio EPA by January 31 and July 31 of each year and shall cover the previous 6-month period.

2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than #2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

3. The permittee shall submit deviation (excursion) reports that identify each day when 5.7 gallons per hour of #2 fuel oil burned is exceeded. Each report shall be submitted within 30 days after the deviation occurs.

4. The permittee shall submit deviation (excursion) reports that identify if the allowable operating hours for the emissions unit is exceeded. The report shall be submitted within 30 days after the deviation occurs

V. Testing Requirements

1. Emission Limitation: Oxides of nitrogen emissions shall not exceed 3.25 pounds per hour and 4.9 tons per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

2. Emission Limitation: Carbon monoxide emissions shall not exceed 0.76 pound per hour and 1.15 tons per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

3. Emission Limitation: Sulfur dioxide emissions shall not exceed 0.23 pound per hour and 0.35 ton per year.

Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

4. Emission Limitation: Organic compound emissions shall not exceed 0.29 pound per hour and 0.44 ton per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

5. Emission Limitation: Particulate emissions from the stack shall not exceed 0.040 pound per million Btu and 0.07 ton per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

6. Emission Limitation: Visible particulate stack emissions shall not exceed 10 percent opacity as a six-minute average.

   Applicable Compliance Method: Compliance shall be demonstrated, if required, by using Method 9 of 40 CFR, Part 60, Appendix A.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P006 - 43 hp 4-inch diesel powered water pump number 2	OAC rule 3745-31-05	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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	Applicable Rules/Requirements
P007 - 48 hp 6-inch diesel powered water pump number 3 for filling water truck	OAC rule 3745-31-05(A)(3)
	OAC rule 3745-17-10(B)(1)
	OAC rule 3745-17-07(A)(1)
	OAC rule 3745-18-06

Applicable Emissions Limitations/Control Measures	
Oxides of nitrogen emissions shall not exceed 3.25 pounds per hour and 4.90 tons per year. Carbon monoxide emissions shall not exceed 0.76 pound per hour and 1.15 tons per year. Sulfur dioxide emissions shall not exceed 0.23 pound per hour and 0.35 ton per year. Particulate emissions shall not exceed 0.040 pound per million Btu and 0.07 ton per year. Organic compound emissions shall not exceed 0.29 pound per hour, and 0.44 ton per year. Visible particulate stack emissions shall not exceed 10 percent opacity as a six-minute average. The particulate emission limitation specified by this rule is equivalent to the limit established by OAC rule 3745-31-05(A)(3). The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule	3745-31-05(A)(3). The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall only burn #2 fuel oil in this emissions unit.

2. The permittee shall burn no more than 5.7 gallons of #2 fuel oil per hour.

3. The permittee shall not operate this emissions unit more than 3016 hours per calendar year.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving each emissions unit. The presence or absence of any visible emissions shall be noted in an operations log for each unit. If visible emissions are observed, the permittee shall also note the following in the operation log:

   a. the color of the emissions;
   b. the cause of the visible emissions;
   c. the total duration of any visible emission incident; and,
   d. any corrective actions taken to eliminate the visible emissions.

2. The permittee shall record each day when a fuel other than #2 fuel oil is burned in this emissions unit.

3. The permittee shall record each day the amount of #2 fuel oil burned in this emissions unit.

4. The permittee shall record each day the hours of operation of this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving the emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Northeast District Office of the Ohio EPA by January 31 and July 31 of each year and shall cover the previous 6-month period.

2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than #2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

3. The permittee shall submit deviation (excursion) reports that identify each day when 5.7 gallons per hour of #2 fuel oil burned is exceeded. Each report shall be submitted within 30 days after the deviation occurs.

4. The permittee shall submit deviation (excursion) reports that identify if the allowable operating hours for the emissions unit is exceeded. The report shall be submitted within 30 days after the deviation occurs

V. Testing Requirements

1. Emission Limitation: Oxides of nitrogen emissions shall not exceed 3.25 pounds per hour and 4.9 tons per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

2. Emission Limitation: Carbon monoxide emissions shall not exceed 0.76 pound per hour and 1.15 tons per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

3. Emission Limitation: Sulfur dioxide emissions shall not exceed 0.23 pound per hour and 0.35 ton per year.

Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

4. Emission Limitation: Organic compound emissions shall not exceed 0.29 pound per hour and 0.44 ton per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

5. Emission Limitation: Particulate emissions from the stack shall not exceed 0.040 pound per million Btu and 0.07 ton per year.

   Applicable Compliance Method: Compliance shall be determined by using emission factors listed in AP-42, section 3.3, Gasoline and Diesel Industrial Engines, version 10/96 and compliance with the operational restrictions of this permit.

6. Emission Limitation: Visible particulate stack emissions shall not exceed 10 percent opacity as a six-minute average.

   Applicable Compliance Method: Compliance shall be demonstrated, if required, by using Method 9 of 40 CFR, Part 60, Appendix A.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P007 - 48 hp 6-inch diesel powered water pump number 3	OAC rule 3745-31-05	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

NEW SOURCE REVIEW FORM B

PTI Number: 02-14640 Facility ID: 0247000760

FACILITY NAME Browning-Ferris Industries of Ohio Inc

FACILITY DESCRIPTION Municipal Solid Waste Facility CITY/TWP Oberlin

SIC CODE 4953 SCC CODE 5-02-006-02 EMISSIONS UNIT ID F003

EMISSIONS UNIT DESCRIPTION Compost piles, Windrows, and storage pile bunkers

DATE INSTALLED 04/1992

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	NA	3.15	NA	3.15
PM_{10}					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?
Enter Determination: Visible emissions shall not exceed 1 minute during any sixty minute observation period.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? $ NA

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: 02-14640 Facility ID: 0247000760

FACILITY NAME Browning-Ferris Industries of Ohio Inc

FACILITY DESCRIPTION Municipal Solid Waste Landfill CITY/TWP Oberlin

Emissions Unit ID: P007

SIC CODE 4953 SCC CODE 2-03-001-01 EMISSIONS UNIT ID P002

EMISSIONS UNIT DESCRIPTION 750 hp diesel engine tub grinder (maximum production of 200 cubic yards per hour)

DATE INSTALLED 03/1994

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	0.040 lb/MMbtu	0.03	0.040 lb/MMbtu	0.41
PM_{10}					
Sulfur Dioxide	attainment	0.09	0.03	1.06	1.60
Organic Compounds	attainment	0.10	0.03	0.10	0.15
Nitrogen Oxides	attainment	1.10	0.35	3.25	4.90
Carbon Monoxide	attainment	0.46	0.15	0.85	1.28
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

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

Enter Determination: visible emissions from the stack and from grinding operations shall not exceed 10 percent opacity as a six-minute average.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? $ NA

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: NA

NEW SOURCE REVIEW FORM B

PTI Number: 02-14640 Facility ID: 0247000760

FACILITY NAME Browning-Ferris Industries of Ohio Inc

FACILITY DESCRIPTION Municipal Solid Waste Facility CITY/TWP Oberlin

Emissions Unit ID: P007

SIC CODE 4953 SCC CODE 2-03-001-01 EMISSIONS UNIT ID P003

EMISSIONS UNIT DESCRIPTION 362 hp Duetz diesel generator for screener

DATE INSTALLED 04/1992

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	0.040 lb/MMBtu	0.03	0.040 lb/MMBtu	0.13
PM_{10}					
Sulfur Dioxide	attainment	0.09	0.03	0.23	0.35
Organic Compounds	attainment	0.10	0.04	0.29	0.44
Nitrogen Oxides	attainment	1.10	0.40	3.25	4.90
Carbon Monoxide	attainment	0.46	0.17	0.76	1.15
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?
Enter Determination: visible emissions from the stack and screening operations shall not exceed 10 percent opacity as a six-minute average.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? $ NA

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: _____

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Emissions Unit ID: P007

FACILITY DESCRIPTION Municipal Solid Waste Facility CITY/TWP Oberlin

SIC CODE 4953 SCC CODE 2-03-001-01 EMISSIONS UNIT ID P004

EMISSIONS UNIT DESCRIPTION Performance blend mixing equipped with a 60 hp diesel generator

DATE INSTALLED 04/1994

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	0.04 lb/MMBtu,	0.01	0.04 lb/MMBtu	0.29
PM_{10}					
Sulfur Dioxide	attainment	0.09	0.01	0.23	0.35
Organic Compounds	attainment	0.10	0.01	0.29	0.44
Nitrogen Oxides	attainment	1.10	0.08	3.25	4.90
Carbon Monoxide	attainment	0.46	0.03	0.76	1.15
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?
Enter Determination Visible emissions from the stack and blending operations shall not exceed 10 percent opacity as a six-minute average.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? $ NA

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: 02-14640 Facility ID: 0247000760

FACILITY NAME Browning-Ferris Industries of Ohio Inc

FACILITY DESCRIPTION Municipal Solid Waste Facility CITY/TWP Oberlin

Emissions Unit ID: P007

SIC CODE 4953 SCC CODE 2-03-001-01 EMISSIONS UNIT ID P005

EMISSIONS UNIT DESCRIPTION 48 hp 6-inch diesel powered water pump number 1

DATE INSTALLED 05/1985

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	0.040 lb/MMBtu	0.01	0.040 lb/MMbBtu	0.07
PM_{10}					
Sulfur Dioxide	attainment	0.07	0.01	0.23	0.35
Organic Compounds	attainment	0.07	0.01	0.29	0.44
Nitrogen Oxides	attainment	0.81	0.12	3.25	4.9
Carbon Monoxide	attainment	0.34	0.05	0.76	1.15
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?
Enter Determination: Visible emissions from the stack shall not exceed 10 percent opacity as a six-minute average.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? $ NA

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: 02-14640 Facility ID: 0247000760

FACILITY NAME Browning-Ferris Industries of Ohio Inc

FACILITY DESCRIPTION Municipal Solid Waste Facility CITY/TWP Oberlin

Emissions Unit ID: P007

SIC CODE 4953 SCC CODE 2-03-001-01 EMISSIONS UNIT ID P006

EMISSIONS UNIT DESCRIPTION 43 hp 4-inch diesel powered water pump number 2

DATE INSTALLED 05/1985

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	0.040 lb/MMBtu	0.005	0.040 lb/MMBtu	0.07
PM_{10}					
Sulfur Dioxide	attainment	0.04	0.005	0.23	0.35
Organic Compounds	attainment	0.05	0.01	0.29	0.44
Nitrogen Oxides	attainment	0.52	0.07	3.25	4.90
Carbon Monoxide	attainment	0.22	0.03	0.76	1.15
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?
Enter Determination: Visible emissions shall not exceed 10 percent opacity as a six-minute average.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? $ NA

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: NA

NEW SOURCE REVIEW FORM B

PTI Number: 02-14640 Facility ID: 0247000760

FACILITY NAME Browning-Ferris Industries of Ohio Inc

FACILITY DESCRIPTION Municipal Solid Waste Facility CITY/TWP Oberlin

Emissions Unit ID: P007

SIC CODE 4953 SCC CODE 2-03-001-01 EMISSIONS UNIT ID P007

EMISSIONS UNIT DESCRIPTION 48 hp 6-inch diesel powered water pump number 3

DATE INSTALLED 05/1985

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	0.040 lb/MMBtu	0.005	0.040 lb/MMBtu	0.07
PM_{10}					
Sulfur Dioxide	attainment	0.07	0.005	0.23	0.35
Organic Compounds	attainment	0.07	0.005	0.29	0.44
Nitrogen Oxides	attainment	0.81	0.05	3.25	4.90
Carbon Monoxide	attainment	0.34	0.02	0.76	1.15
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?
Enter Determination: Visible emissions shall not exceed 10 percent opacity as a six-minute average.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? $ NA

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: _____