



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL
WAYNE 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: 02-17891

DATE: 6/24/2003

Renner Development, Ltd.
David Renner, Sr
PO Box 42 475 Orr Street
Orrville, OH 44667

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
309 South Fourth Street, Room 222
Columbus, Ohio 43215

Sincerely,

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

cc: USEPA

NEDO



**Permit To Install
Terms and Conditions**

**Issue Date: 6/24/2003
Effective Date: 6/24/2003**

FINAL PERMIT TO INSTALL 02-17891

Application Number: 02-17891
APS Premise Number: 0285950410
Permit Fee: **\$2400**
Name of Facility: Renner Development, Ltd.
Person to Contact: David Renner, Sr
Address: PO Box 42 475 Orr Street
Orrville, OH 44667

Location of proposed air contaminant source(s) [emissions unit(s)]:
**475 Orr Street
Orrville, Ohio**

Description of proposed emissions unit(s):
Portable screening plant with fugitive emission units.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

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

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

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

3. Records Retention Requirements

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

4. Inspections and Information Requests

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

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representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

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

6. Permit Transfers

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

7. Air Pollution Nuisance

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

8. Termination of Permit to Install

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

9. Construction of New Sources(s)

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

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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.

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

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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	81.87
NOx	32.68
CO	7.04
SOx	2.15
VOC	2.59

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>
F001 - Portable Screener, Finlay 683 SuperTrak-Diesel Powered, Rated at 300 TPH including material handling, truck dumping, front end loading, four belt conveyors and one vibrating conveyor.	OAC 3745-31-05(A)(3)
	OAC 3745-17-07(B)
	OAC 3745-17-08(B)
Deutz BF4M, 96 HP, 0.56 mmBtu/hr diesel combustion engine	OAC rule 3745-31-05(A)(3)

	<u>Applicable Emissions Limitations/Control Measures</u>	
	Visible particulate emissions of fugitive dust shall not exceed 10 % opacity, as a six-minute average.	not exceed 2.49 lbs/hr and 10.89 TPY.
	The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see section A.2.b.).	Carbon monoxide (CO) emissions from the combustion engine shall not exceed 0.54 lb/hr and 2.35 TPY. Organic compound (OC) emissions from the combustion engine shall not exceed 0.20 lb/hr and 0.86 TPY.
OAC rule 3745-17-07(A)(1)	Particulate Emissions (PE) from this emissions unit shall not exceed 14.74 lb/hr and 64.57 tons per year.	See Section B.1. The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-18-06(G)	The visible emission limitation in this rule is less stringent than that established pursuant to OAC rule 3745-31-05(A)(3).	This combustion engine is exempt from the requirements of OAC rule 3745-18-06 pursuant to OAC rule 3745-18-06(B).
OAC rule 3745-21-07(B)	The control requirements in this rule are less stringent than those established pursuant to OAC rule 3745-31-05(A)(3).	See Section A.2.b.
OAC rule 3745-23-06(B)	The stack particulate emissions from the diesel engine shall not exceed 5% opacity as a 6-minute average.	See Section A.2.c.
40 CFR, Part 60, Subpart OOO	PE from the combustion engine shall not exceed 0.18 lb/hr and 0.77 TPY. Sulfur dioxide (SO ₂) emissions from the combustion engine shall not exceed 0.16 lb/hr and 0.72 TPY. Nitrogen oxide (NO _x) emissions from the combustion engine shall	The particulate emission limitations in this regulation are less stringent than those established in OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a** The hourly and annual particulate emission limitations are based upon the emissions unit's potential to emit. Therefore, no hourly or annual records are required to demonstrate compliance with these limits.
- 2.b** The permittee shall employ reasonably available control measures to minimize or eliminate visible emissions of fugitive dust from emissions unit F001. If the inherent moisture in the aggregate is not

sufficient to comply with the opacity restrictions of this permit, the permittee shall install equipment to apply water, or any other suitable dust suppressant, at appropriate locations in the production line.

- 2.c** The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rules 3745-21-07(B) and 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in this permit-to-install (PTI).

B. Operational Restrictions

1. The permittee shall only use diesel fuel (number 2 fuel oil) with a maximum sulfur content of 0.5 percent by weight for combustion in this emissions unit.

C. Monitoring and/or Recordkeeping Requirements

1. For each day during which the permittee burns a fuel other than diesel fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in the combustion engine. The permittee shall also maintain documentation of the sulfur content of all fuels received.
2. The permittee shall conduct visible emission evaluations of fugitive dust in accordance with USEPA's Reference Method 9 of 40 CFR, Part 60, Appendix A, at a minimum annually, and upon relocation of the emissions unit if requested by the Ohio EPA. The visible emission evaluations shall be performed during the period of May 1 through September 30. The duration of the Method 9 observations shall be 3 hours (30 six-minute averages). However, the duration of the Method 9 observations can be reduced to 1 hour (10 six-minute averages) if the following conditions apply: (1) there are no individual readings greater than 10 % opacity and (2) there are no more than 3 readings of 10 % opacity for the one-hour period.

D. Reporting Requirements

1. The permittee shall notify the Northeast District Office of Ohio EPA ("NEDO") of any Method 9 evaluation that did not demonstrate compliance with the opacity limitation specified above. The notification shall be in writing and shall include a copy of such record and shall be sent to NEDO within 30 days after the exceedance occurs.
2. The permittee shall submit deviation (excursion) reports that identify each day during which a fuel other than diesel fuel was burned in the combustion engine, and also each record identifying an exceedance of 0.5% sulfur content, by weight.

Emissions Unit ID: F001

3. The deviation (excursion) reports shall be submitted in accordance with Section A.2 of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitations specified in section A.1. of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation:
Visible particulate emissions of fugitive dust shall not exceed 10% opacity, as a six-minute average.

Applicable Compliance Method:

Compliance with the above visible emission limitation shall be determined by USEPA's Reference Method 9 in 40 CFR, Part 60, Appendix A.

- b. Emission Limitation:
Particulate emissions shall not exceed 14.74 lbs/hr and 64.57 tons per year.

Applicable Compliance Method:

Compliance with the above particulate emission limitation shall be determined using the emission factors for screening operations in AP-42, "Compilation of Air Pollutant Emission Factors", Chapter 11.19.2 (Crushed Stone Processing), Fifth Edition, dated 1/1995.

- c. Emission Limitation:
Visible particulate emissions from the diesel engine stack shall not exceed 5 percent opacity, as a six-minute average.

Applicable Compliance Method:

Compliance with the above visible emission limitation shall be determined by USEPA's Reference Method 9 in 40 CFR, Part 60, Appendix A.

- d. Emission Limitation:
PE from the combustion engine shall not exceed 0.18 lb/hr and 0.77 tons per year.

Applicable Compliance Method:

Compliance with the hourly emission limitation shall be determined by multiplying the 0.31 lb/mmBtu emission factor by the 0.56 mmBtu/hr rating of the unit. Compliance with the annual emission limitation shall be determined by multiplying the hourly emission limitation by 8760 hrs/yr and dividing by 2000 lbs/ton. The emission limitations were

based upon emission factors from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

- e. Emission Limitation:
SO₂ emissions from the combustion engine shall not exceed 0.16 lb/hr and 0.72 TPY.

Applicable Compliance Method:

Compliance with the hourly emission limitation shall be determined by multiplying the 0.29 lb/mmBtu emission factor by the 0.56 mmBtu/hr rating of the unit. Compliance with the annual emission limitation shall be determined by multiplying the hourly emission limitation by 8760 hrs/yr and dividing by 2000 lbs/ton. The emission limitations were based upon emission factors from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

f. Emission Limitation:

NO_x emissions from the combustion engine shall not exceed 2.49 lbs/hr and 10.89 tons per year.

Applicable Compliance Method:

Compliance with the hourly emission limitation shall be determined by multiplying the 4.41 lb/mmBtu emission factor by the 0.56 mmBtu/hr rating of the unit. Compliance with the annual emission limitation shall be determined by multiplying the hourly emission limitation by 8760 hrs/yr and dividing by 2000 lbs/ton. The emission limitations were based upon emission factors from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

g. Emission Limitation:

CO emissions from the combustion engine shall not exceed 0.54 lb/hr and 2.35 tons per year.

Applicable Compliance Method:

Compliance with the hourly emission limitation shall be determined by multiplying the 0.95 lb/mmBtu emission factor by the 0.56 mmBtu/hr rating of the unit. Compliance with the annual emission limitation shall be determined by multiplying the hourly emission limitation by 8760 hrs/yr and dividing by 2000 lbs/ton. The emission limitations were based upon emission factors from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

h. Emission Limitation:

OC emissions from the combustion engine shall not exceed 0.20 lb/hr and 0.86 tons per year.

Applicable Compliance Method:

Compliance with the hourly emission limitation shall be determined by multiplying the 0.35 lb/mmBtu emission factor by the 0.56 mmBtu/hr rating of the unit. Compliance with the annual emission limitation shall be determined by multiplying the hourly emission

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Emissions Unit ID: **F001**

limitation by 8760 hrs/yr and dividing by 2000 lbs/ton. The emission limitations were based upon emission factors from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

F. Miscellaneous Requirements

1. Notice to Relocate a Portable or Mobile Emissions Unit

Pursuant to 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 emissions unit is equipped with the best available control technology for such portable emissions unit;
- b. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);
- c. the applicant has provided proper notice of intent to relocate the portable emissions unit to NEDO and the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and
- d. in NEDO's and the appropriate Ohio EPA District Office's or local air agency's judgement, the proposed site is acceptable under OAC rule 3745-15-07.

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 providing the following criteria of OAC rule 3745-31-05(F) are met:

- a. the permittee of the portable emissions unit possesses an effective Ohio EPA PTI, PTO or registration status;
- b. the portable emissions unit is equipped with best available technology;
- c. the portable emission unit owner has identified the proposed site to Ohio EPA;
- d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
- e. a public notice, consistent with OAC Chapter 3745-47, is published in the county where the proposed site is located;
- f. the owner of the proposed site has provided the portable emissions unit owner with

approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to this proposed site; and

- g. the portable emissions unit owner has provided Ohio EPA with fifteen days written notice of the relocation.
3. Any site approvals issued by Ohio EPA, pursuant to F.2. above, shall be valid for no longer than three years and are subject to renewal.

In order for NEDO and the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with NEDO and the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Upon receipt of the notice, NEDO and/or the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F002 - Unpaved roadways and parking areas for Portable Screener (F001)-Finlay 683 SuperTrak	OAC rule 3745-31-05(A)(3)	<p>There shall be no visible particulate emissions from any unpaved roadway or unpaved parking area except for a period of time not to exceed three minutes during any sixty-minute observation period.</p> <p>The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.</p> <p>Particulate emissions shall not exceed 0.47 tons per year.</p> <p>See Sections A.2.a to A.2.g.</p>
	OAC rule 3745-17-07(B)	<p>The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>
	OAC rule 3745-17-08(B)	<p>The control requirements specified by this rule are less stringent than the control requirements established pursuant to OAC rule</p>

3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a** The unpaved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:

unpaved roadways:

all unpaved roadways at the facility

unpaved parking areas:

all unpaved parking areas at the facility

- 2.b** The permittee shall employ best available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved roadways and parking areas with water at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.c** The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for an unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has o applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- 2.d** Any unpaved roadway or parking area, which during the term of this permit is paved or occurred that is sufficient for that day to ensure compliance with the above-mentioned takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled by flushing. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to a visible emission limitation of no visible particulate emissions except for one minute during any sixty-minute observation period.
- 2.e** The permittee shall promptly remove, in such a manner as to minimize or prevent

Emissions Unit ID: F002

resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.

- 2.f** Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.
- 2.g** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rules 3745-17-08 and 3745-31-05.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

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

<u>unpaved roadways</u>	<u>minimum inspection frequency</u>
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all unpaved roadways	daily
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<u>unpaved parking areas</u>	<u>minimum inspection frequency</u>
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all unpaved parking areas	daily
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2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
3. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, 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.

4. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
 - c. the dates the control measure(s) were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measure(s) were implemented and 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 4.d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. 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.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitations specified in section A.1. of these terms and conditions shall be determined by the following methods:
 - a. Emission Limitation:
There shall be no visible particulate emissions from any unpaved roadway or unpaved parking area except for a period of time not to exceed three minutes during any

sixty-minute observation period.

Applicable Compliance Method:

Compliance with the emission limitation for the unpaved roadways and parking areas 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.

- b. Emission Limitation:
Particulate emissions shall not exceed 0.47 tons per year.

Applicable Compliance Method:

Compliance with the above annual particulate emission limitation shall be determined by the use of emission factors and equations from AP-42, Chapter 13.2.2, (Unpaved Roads), Fifth Edition, dated 10/2001.

F. Miscellaneous Requirements

1. Notice to Relocate a Portable or Mobile Emissions Unit

Pursuant to 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 emissions unit is equipped with the best available control technology for such portable emissions unit;
 - b. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);
 - c. the applicant has provided proper notice of intent to relocate the portable emissions unit to NEDO and the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and
 - d. in NEDO's and the appropriate Ohio EPA District Office's or local air agency's judgement, the proposed site is acceptable under OAC rule 3745-15-07.
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 providing the following criteria of OAC rule 3745-31-05(F) are met:

Emissions Unit ID: F002

- a. the permittee of the portable emissions unit possesses an effective Ohio EPA PTI, PTO or registration status;
 - b. the portable emissions unit is equipped with best available technology;
 - c. the portable emission unit owner has identified the proposed site to Ohio EPA;
 - d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
 - e. a public notice, consistent with OAC Chapter 3745-47, is published in the county where the proposed site is located;
 - f. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to this proposed site; and
 - g. the portable emissions unit owner has provided Ohio EPA with fifteen days written notice of the relocation.
3. Any site approvals issued by Ohio EPA, pursuant to F.2. above, shall be valid for no longer than three years and are subject to renewal.

In order for NEDO and the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with NEDO and the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Upon receipt of the notice, NEDO and/or the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

4. The air contaminants emitted by the roadways and parking areas covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F003 - Storage Piles for Portable Screener(F001)--Finlay 683 SuperTrak, including load-in, load-out and wind erosion.	OAC rule 3745-31-05 (A)(3)	<p>Particulate emissions shall not exceed 7.29 tons per year.</p> <p>There shall be no visible emissions except for one minute in a sixty-minute period.</p> <p>The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.</p> <p>See Sections A.2.a to A.2.f.</p>
	OAC rule 3745-17-07 (B)(6)	The fugitive dust emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05 (A)(3).
	OAC rule 3745-17-08(B)(6)	The control measure requirements specified in this rule are less stringent than those established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a** The storage piles that are covered by this permit and subject to the requirements of OAC rule 3745-31-05 are listed below:
- Main Product
Side #1
Side #2
Fines
- 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 watering to ensure compliance. The permittee shall reduce drop height of front-end loader buckets to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure
- 2.c** The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage 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. 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 the 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 watering to ensure compliance. The permittee shall maintain as low a pile height as possible 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.
- 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

rules 3745-17-08 and 3745-31-05.

B. Operational Restrictions

None

C. Monitoring and/or Record keeping Requirements

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

<u>storage pile identification</u>	<u>minimum load-in inspection frequency</u>
Main Product	Daily
Side #1	Daily
Side #2	Daily
Fines	Daily

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

<u>storage pile identification</u>	<u>minimum load-out inspection frequency</u>
Main Product	Daily
Side #1	Daily
Side #2	Daily
Fines	Daily

3. 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:

<u>storage pile identification</u>	<u>minimum wind erosion inspection frequency</u>
Main Product	Daily
Side #1	Daily
Side #2	Daily

Fines

Daily

4. 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.
5. 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.

6. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, 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 maintain records of the following information:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. the dates the control measures were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and, 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 7.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.

D. 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.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitations in section A.1 of these terms and conditions shall be

determined in accordance with the following methods:

- a. Emission Limitation:
Particulate emissions shall not exceed 7.29 tons per year.

Applicable Compliance Method:

Compliance with the annual particulate emission limitation shall be determined by the equations in AP-42 "Compilation of Air Pollutant Emission Factors," Chapter 13.2.4 (Aggregate Handling and Storage Piles), Fifth Edition, dated 1/1995.

- b. Emission Limitation:
There shall be no visible particulate emissions except for one minute during any sixty-minute period

Applicable Compliance Method:

Compliance 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)(d) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

None

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	
F004 - Portable Crusher, BL-Pegson TrakPactor 4242, Diesel Powered, Rated at 350 TPH including material handling, truck dumping, front end loading and conveying.	OAC 3745-31-05(A)(3)	
	OAC 3745-17-07(B)	
	OAC 3745-17-08(B)	OAC rule 3745-17-07(A)(1)
294 HP CAT 3306 diesel fire engine, 1.13 mmBtu/hr	OAC rule 3745-31-05(A)(3)	OAC rule 3745-18-06(G)

	<u>Applicable Emissions Limitations/Control Measures</u>	
OAC rule 3745-21-07(B)		not exceed 4.98 lbs/hr and 21.79 TPY.
OAC rule 3745-23-06(B)	Visible particulate emissions of fugitive dust shall not exceed 10 % opacity, as a six-minute average.	Carbon monoxide (CO) emissions from the combustion engine shall not exceed 1.07 lb/hr and 4.69 TPY.
40 CFR, Part 60, Subpart OOO	The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see section A.2.b.).	Organic compound (OC) emissions from the combustion engine shall not exceed 0.39 lb/hr and 1.73 TPY.
	Particulate Emissions (PE) from this emissions unit shall not exceed 0.57 lbs/hr and 2.51 tons per year.	See Section B.1.
	The visible emission limitation in this rule is less stringent than that established pursuant to OAC rule 3745-31-05(A)(3).	The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	The control requirements in this rule are less stringent than those established pursuant to OAC rule 3745-31-05(A)(3).	This combustion engine is exempt from the requirements of OAC rule 3745-18-06 pursuant to OAC rule 3745-18-06(B).
	The stack particulate emissions from the diesel engine shall not exceed 5% opacity as a six-minute average.	See Section A.2.b.
	PE from the combustion engine shall not exceed 0.35 lb/hr and 1.53 TPY.	See Section A.2.c.
	Sulfur dioxide (SO ₂) emissions from the combustion engine shall not exceed 0.33 lb/hr and 1.43 TPY.	The particulate emission limitations in this regulation are less stringent than those established in OAC rule 3745-31-05(A)(3).
	Nitrogen oxide (NO _x) emissions from the combustion engine shall	

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Renne

PTI A

Issued: 6/24/2003

Emissions Unit ID: **F004**

2. Additional Terms and Conditions

- 2.a** The water sprays located on top of the crusher shall be operating at all times while the crusher is in operation. Also, water sprays shall be operated at all other points necessary to ensure compliance with the visible emission limitation specified above.
- 2.b** The hourly and annual particulate emission limitations are based upon the emissions unit's potential to emit. Therefore, no hourly or annual records are required to demonstrate compliance with these limits.
- 2.c** The permittee has satisfied the "best available control techniques and operating practices" for the combustion engine, as required pursuant to OAC rule 3745-21-07(B) and the "latest available control techniques and operating practices" required pursuant to OAC rules 3745-21-07(B) and 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in this permit-to-install (PTI).
- 2.d** This combustion engine is exempt from the requirements of OAC rule 3745-18-06 pursuant to OAC rule 3745-18-06(B).

B. Operational Restrictions

- 1. The permittee shall use only diesel fuel (number 2 fuel oil) with a maximum sulfur content of 0.5 percent by weight for combustion in this emissions unit.

C. Monitoring and/or Recordkeeping Requirements

- 1. The permittee shall conduct visible emission evaluations of fugitive dust in accordance with USEPA's Reference Method 9 of 40 CFR, Part 60, Appendix A, at a minimum annually, and upon relocation of the emissions unit if requested by the Ohio EPA. The visible emission evaluations shall be performed during the period of May 1 through September 30. The duration of the Method 9 observations shall be 3 hours (30 six-minute averages). However, the duration of the Method 9 observations can be reduced to 1 hour (10 six-minute averages) if the following conditions apply: (1) there are no individual readings greater than 10 % opacity and (2) there are no more than 3 readings of 10 % opacity for the one-hour period.
- 2. For each day during which the permittee burns a fuel other than diesel fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in the combustion engine. The permittee shall also maintain documentation of the sulfur content of all fuels received.

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D. Reporting Requirements

1. The permittee shall notify the Northeast District Office of Ohio EPA ("NEDO") of any Method 9 evaluation that did not demonstrate compliance with the opacity limitation specified above. The notification shall be in writing and shall include a copy of such record and shall be sent to NEDO within 30 days after the exceedance occurs.
2. The permittee shall submit deviation (excursion) reports that identify each day during which a fuel other than diesel fuel was burned in the combustion engine, and also each record identifying an exceedance of 0.5% sulfur content, by weight.
3. The deviation (excursion) reports shall be submitted in accordance with Section A.2 of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitations specified in section A.1. of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:
Visible particulate emissions of fugitive dust shall not exceed 10 % opacity, as a six-minute average.

Applicable Compliance Method:
Compliance with the above visible emission limitation shall be determined by USEPA's Reference Method 9 in 40 CFR, Part 60, Appendix A.
 - b. Emission Limitation:
Particulate Emissions (PE) from this emissions unit shall not exceed 0.57 lbs/hr and 2.51 tons per year.

Applicable Compliance Method:
Compliance with the above particulate emission limitation shall be determined using the emission factors for crushing operations in AP-42, "Compilation of Air Pollutant Emission Factors", Chapter 11.19.2-2 (Crushed Stone Processing), Fifth Edition, dated 1/1995.
 - c. Emission Limitation:
The stack particulate emissions from the diesel engine shall not exceed 5% opacity as a six-minute average.

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Renne

PTI A

Issued: 6/24/2003

Emissions Unit ID: **F004**

Applicable Compliance Method:

Compliance with the above visible emission limitation shall be determined by USEPA's Reference Method 9 in 40 CFR, Part 60, Appendix A.

- d. Emission Limitation:
PE from the combustion engine shall not exceed 0.35 lb/hr and 1.53 TPY.

Applicable Compliance Method:

Compliance with the hourly emission limitation shall be determined by multiplying the 0.31 lb/mmBtu emission factor by the 1.13 mmBtu/hr rating of the unit. Compliance with the annual emission limitation shall be determined by multiplying the hourly emission limitation by 8760 hrs/yr and dividing by 2000 lbs/ton. The emission limitations were based upon emission factors from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

- e. Emission Limitation:
Sulfur dioxide (SO₂) emissions from the combustion engine shall not exceed 0.33 lb/hr and 1.43 TPY.

Applicable Compliance Method:

Compliance with the hourly emission limitation shall be determined by multiplying the 0.29 lb/mmBtu emission factor by the 1.13 mmBtu/hr rating of the unit. Compliance with the annual emission limitation shall be determined by multiplying the hourly emission limitation by 8760 hrs/yr and dividing by 2000 lbs/ton. The emission limitations were based upon emission factors from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

- f. Emission Limitation:
Nitrogen oxide (NO_x) emissions from the combustion engine shall not exceed 4.98 lbs/hr and 21.79 TPY.

Applicable Compliance Method:

Compliance with the hourly emission limitation shall be determined by multiplying the 4.41 lb/mmBtu emission factor by the 1.13 mmBtu/hr rating of the unit. Compliance with the annual emission limitation shall be determined by multiplying the hourly emission limitation by 8760 hrs/yr and dividing by 2000 lbs/ton. The emission limitations were based upon emission factors from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

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- g. **Emission Limitation:**
Carbon monoxide (CO) emissions from the combustion engine shall not exceed 1.07 lb/hr and 4.69 TPY.

Applicable Compliance Method:

Compliance with the hourly emission limitation shall be determined by multiplying the 0.95 lb/mmBtu emission factor by the 1.13 mmBtu/hr rating of the unit. Compliance with the annual emission limitation shall be determined by multiplying the hourly emission limitation by 8760 hrs/yr and dividing by 2000 lbs/ton. The emission limitations were based upon emission factors from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

- h. **Emission Limitation:**
Organic compound (OC) emissions from the combustion engine shall not exceed 0.39 lb/hr and 1.73 TPY.

Applicable Compliance Method:

Compliance with the hourly emission limitation shall be determined by multiplying the 0.35 lb/mmBtu emission factor by the 1.13 mmBtu/hr rating of the unit. Compliance with the annual emission limitation shall be determined by multiplying the hourly emission limitation by 8760 hrs/yr and dividing by 2000 lbs/ton. The emission limitations were based upon emission factors from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

F. Miscellaneous Requirements

1. Notice to Relocate a Portable or Mobile Emissions Unit

Pursuant to 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 emissions unit is equipped with the best available technology for such portable emissions unit;
- b. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);
- c. the applicant has provided proper notice of intent to relocate the portable emissions unit to NEDO and the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and
- d. in NEDO's and the appropriate Ohio EPA District Office's or local air agency's judgement, the proposed site is acceptable under OAC rule 3745-15-07.

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 providing the following criteria of OAC rule 3745-31-05(F) are met:
 - a. the permittee of the portable emissions unit possesses an effective Ohio EPA PTI, PTO or registration status;
 - b. the portable emissions unit is equipped with best available technology;
 - c. the portable emission unit owner has identified the proposed site to Ohio EPA;
 - d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
 - e. a public notice, consistent with OAC Chapter 3745-47, is published in the county where the proposed site is located;
 - f. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to this proposed site; and
 - g. the portable emissions unit owner has provided Ohio EPA with fifteen days written notice of the relocation.
3. Any site approvals issued by Ohio EPA, pursuant to F.2. above, shall be valid for no longer than three years and are subject to renewal.

In order for NEDO and the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with NEDO and the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Upon receipt of the notice, NEDO and/or the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

4. No asbestos-containing materials, including asbestos-containing materials attached to concrete or other debris, shall be crushed in this crushing/recycling plant. Asbestos-containing materials shall mean "asbestos-containing waste materials," "Category I nonfriable asbestos-containing material

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(ACM)," "Category II nonfriable ACM," and "Regulated Asbestos-Containing Material (RACM)" as defined in 40 CFR, Part 61, Subpart M, Section 61.141, "National Emission Standard for Asbestos." Asbestos-containing materials shall also mean "asbestos material," "asbestos-containing waste materials," and "friable asbestos material" as defined in OAC rule 3745-20-01, "Ohio Asbestos Emission Control Rules."

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F005 - Unpaved roadways and parking areas for Portable Crusher (F004)--BL-Pegson TrakPactor 4242	OAC rule 3745-31-05(A)(3)	There shall be no visible particulate emissions from any unpaved roadway or unpaved parking area except for a period of time not to exceed three minutes during any sixty-minute observation period. The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. Particulate emissions shall not exceed 0.47 tons per year. See Sections A.2.a to A.2.g.
	OAC rule 3745-17-07(B)	The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-08(B)	The control requirements specified by this rule are less stringent than the control requirements established

pursuant to OAC rule
3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a** The unpaved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:

unpaved roadways:

all unpaved roadways at the facility

unpaved parking areas:

all unpaved parking areas at the facility

- 2.b** The permittee shall employ best available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved roadways and parking areas with water at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.c** The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for an unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- 2.d** Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled by flushing. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to a visible emission limitation of no visible particulate emissions except for one minute during any sixty-minute observation period.

Emissions Unit ID: F005

- 2.e The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.
- 2.f Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.
- 2.g Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rules 3745-17-08 and 3745-31-05.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

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

<u>unpaved roadways</u>	<u>minimum inspection frequency</u>
all unpaved roadways	daily
<u>unpaved parking areas</u>	<u>minimum inspection frequency</u>
all unpaved parking areas	daily
2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
3. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, 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.

4. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
 - c. the dates the control measure(s) were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measure(s) were implemented and 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 4.d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. 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.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitations specified in section A.1. of these terms and conditions shall be determined by the following methods:
 - a. Emission Limitation:
There shall be no visible particulate emissions from any unpaved roadway or unpaved

parking area except for a period of time not to exceed three minutes during any sixty-minute observation period.

Applicable Compliance Method:

Compliance with the emission limitation for the unpaved roadways and parking areas 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.

b. Emission Limitation:

Particulate emissions shall not exceed 0.47 tons per year.

Applicable Compliance Method:

Compliance with the above annual particulate emission limitation shall be determined by the use of emission factors and equations from AP-42, Chapter 13.2.2, (Unpaved Roads), Fifth Edition, dated 10/2001.

F. Miscellaneous Requirements

1. Notice to Relocate a Portable or Mobile Emissions Unit

Pursuant to 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 emissions unit is equipped with the best available control technology for such portable emissions unit;
- b. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);
- c. the applicant has provided proper notice of intent to relocate the portable emissions unit to NEDO and the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and
- d. in NEDO's and the appropriate Ohio EPA District Office's or local air agency's judgement, the proposed site is acceptable under OAC rule 3745-15-07.

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 providing the following criteria of OAC rule 3745-31-05(F) are met:

- a. the permittee of the portable emissions unit possesses an effective Ohio EPA PTI, PTO or registration status;
 - b. the portable emissions unit is equipped with best available technology;
 - c. the portable emission unit owner has identified the proposed site to Ohio EPA;
 - d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
 - e. a public notice, consistent with OAC Chapter 3745-47, is published in the county where the proposed site is located;
 - f. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to this proposed site; and
 - g. the portable emissions unit owner has provided Ohio EPA with fifteen days written notice of the relocation.
3. Any site approvals issued by Ohio EPA, pursuant to F.2. above, shall be valid for no longer than three years and are subject to renewal.

In order for NEDO and the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with NEDO and the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Upon receipt of the notice, NEDO and/or the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

4. The air contaminants emitted by the roadways and parking areas covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F006 - Storage Piles for Portable Crusher (F004)--BL-Pegson TrakPactor 4242, including load-in, load-out and wind erosion.	OAC rule 3745-31-05 (A)(3)	<p>Particulate emissions shall not exceed 4.29 tons per year.</p> <p>There shall be no visible emissions except for one minute in a sixty-minute period.</p> <p>The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.</p> <p>See Sections A.2.a to A.2.f.</p>
	OAC rule 3745-17-07 (B)(6)	<p>The fugitive dust emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05 (A)(3).</p>
	OAC rule 3745-17-08(B)(6)	<p>The control measure requirements specified in this rule are less stringent than those established pursuant to OAC rule 3745-31-05(A)(3).</p>

2. Additional Terms and Conditions

- 2.a** The storage piles that are covered by this permit and subject to the requirements of OAC rule 3745-31-05 are listed below:
- Main Product
Dirt 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 watering to ensure compliance. The permittee shall reduce drop height of front-end loader buckets to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure
- 2.c** The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage 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. 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 the 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 watering to ensure compliance. The permittee shall maintain as low a pile height as possible 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.
- 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

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Issued: 6/24/2003

Emissions Unit ID: **F006**

rules 3745-17-08 and 3745-31-05.

B. Operational Restrictions

None

C. Monitoring and/or Record keeping Requirements

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

<u>storage pile identification</u>	<u>minimum load-in inspection frequency</u>
Main Product	Daily
Dirt Piles	Daily

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

<u>storage pile identification</u>	<u>minimum load-in inspection frequency</u>
Main Product	Daily
Dirt Piles	Daily

3. 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:

<u>storage pile identification</u>	<u>minimum load-in inspection frequency</u>
Main Product	Daily
Dirt Piles	Daily

4. 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.

5. 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.

6. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, 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 maintain records of the following information:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. the dates the control measures were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and, 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 7.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.

D. 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.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitations in section A.1 of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:
Particulate emissions shall not exceed 4.29 tons per year.

Applicable Compliance Method:

Compliance with the annual particulate emission limitation shall be determined by the equations in AP-42 "Compilation of Air Pollutant Emission Factors," Chapter 13.2.4 (Aggregate Handling and Storage Piles), Fifth Edition, dated 1/1995.

b. Emission Limitation:

There shall be no visible particulate emissions except for one minute during any sixty-minute period

Applicable Compliance Method:

Compliance 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)(d) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

None