X **Synthetic Minor Determination and/or** □ **Netting Determination**

Permit To Install: **07-00589**

A. Source Description

Norfolk and Western Railway Company is a coal handling facility located in Scioto County. This PTI is for the installation of 4 new diesel fired electric generators with operating hours restriction. This PTI also included the modification to an existing diesel generator to add an operating hour restriction.

B. Facility Emissions and Attainment Status

This facility is located in Scioto County which is attainment for all criteria pollutants except for PM2.5.

C. Source Emissions

Norfolk and Westen will limit the operating hours of each of the five generators in order to restrict the potential to emit of NOX to less than 100 tpy to avoid Title V requirements. Each generator will be limited to 6,500 operating hours per rolling, 12-month period which will limit the NOX emissions to 96.52 tons.

D. Conclusion

The terms and conditions of this permit are sufficient to provide federally enforceable limitations in order to limit the potential to emit from each of the generators. With this limitation, potential emissions for all criteria pollutants will be less than 100 tpy.

State of Ohio Environmental Protection Agency

Street Address:
Lazarus Gov. Center
50 West Town Street, Suite 700
Columbus, OH 43215

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

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

CERTIFIED MAIL

RE: DRAFT PERMIT TO INSTALL
SCIOTO COUNTY
Application No: 07-00589
Fac ID: 0773000040

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

DATE: 5/22/2008

Norfolk and Western Railway Company
Robert Wallace
110 Franklin Rd SE
Roanoke, VA 24042-0013

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43216-1049.

A Permit to Install may be issued in proposed of final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install a fee of **$1000** will be due. Please do not submit any payment now.

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. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Sincerely,

Michael W. Ahern

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

CC: **USEPA** **PCHD** **KY** **WV**

SCIOTO COUNTY

PUBLIC NOTICE
ISSUANCE OF DRAFT PERMIT TO INSTALL **07-00589** FOR AN AIR CONTAMINANT SOURCE
FOR **Norfolk and Western Railway Company**

On 5/22/2008 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **Norfolk and Western Railway Company**, located at **914 Hayport Rd, Wheelersburg**, Ohio.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 07-00589:

Installation of two diesel fired generators.

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Cindy Charles, Portsmouth City Health Department, 740 Second Street, Portsmouth, OH 45662
[(740)353-5156]

DRAFT PERMIT TO INSTALL 07-00589

Application Number:	07-00589
Facility ID:	0773000040
Permit Fee:	**To be entered upon final issuance**
Name of Facility:	Norfolk and Western Railway Company
Person to Contact:	Robert Wallace
Address:	110 Franklin Rd SE Roanoke, VA 24042-0013

Location of proposed air contaminant source(s) [emissions unit(s)]:
914 Hayport Rd
Wheelersburg, Ohio

Description of proposed emissions unit(s):
Installation of two diesel fired generators.

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

_____

Chris Korleski
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 (i.e., postmarked) quarterly by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

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

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections,

conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

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

6. Permit Transfers

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

7. Air Pollution Nuisance

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

8. Termination of Permit to Install

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

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental

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

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

10. Public Disclosure

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

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate 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 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

Pollutant	Tons Per Year
NOx	96.52

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

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 - (B002) - Dumper No. 2 - 113 KW Diesel Fired Generator (Caterpillar model 3304) Chapter 31 modification to include operating hours restrictions - These terms and conditions supercede the terms and conditions in PTI 07-00455 (issued 10/12/2004) for this emissions unit.

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	Nitrogen oxides (NOx) emissions shall not exceed 4.69 pounds per hour.
OAC rule 3745-31-05(C) (synthetic minor to avoid Title V)	NOx emissions shall not exceed 15.25 tons per rolling, 12 month period.
ORC 3704.03(T)(4)	See section A.2.a below.
OAC rule 3745-17-11(B)(5)(a)	Particulate emissions (PE) shall not exceed 0.310 pound per million Btu of actual heat input.
OAc rule 3745-17-07(A)	Visible PE from any stack serving this emissions unit shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
OAC rule 3745-18-06(G)	This emissions unit is exempt from the requirements of OAC rule 3745-18-06(G) pursuant to OAC rule 3745-18-06(B).
OAC rule 3745-21-08(B)	See section A.2.b below.

2. Additional Terms and Conditions

2.a The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to carbon monoxide (CO), sulfur dioxide (SO_2), organic compounds (OC), or the particulate emissions from this air contaminant source since the uncontrolled potential to emit for CO, SO_2, OC, and particulate emissions is less than ten tons per year.

2.b The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B).

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On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

B. Operational Restrictions

1. The permittee shall burn only diesel fuel in this emissions unit.

2. The permittee has requested a federally enforceable limitation on operating hours for the purposes of limiting potential to emit to avoid Title V requirements. Therefore, the maximum number of operating hours for this emissions unit shall not exceed 6,500 hours as a rolling, 12-month summation. To ensure compliance during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the operating hours specified in the following table:

Month(s)	Maximum Cumulative Operating Hours
1-1	1,084
1-2	2,168
1-3	3,252
1-4	4,336
1-5	5,420
1-6	6,500
1-7	6,500
1-8	6,500
1-9	6,500
1-10	6,500
1-11	6,500
1-12	6,500

After the first 12 calendar months of operation following the startup of emissions unit B002, compliance with the annual operating hours limitation shall be based upon a rolling, 12-month summation of the operating hours.

C. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than diesel fuel, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

2. The permittee shall maintain monthly records of the following information:

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a. the operating hours for each month;

b. beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the hours of operation; and

c. during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative operating hours for each calendar month.

D. Reporting Requirements

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

2. The permittee shall submit deviation (excursion) reports that identify the following exceedances:

   a. the rolling, 12-month hours of operation limitation; and

   b. for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative hours of operation.

   These reports shall be submitted in accordance with the reporting requirements specified in Part 1 - General Terms and Conditions, Section A 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:

      NOx emissions shall not exceed 4.69 pounds per hour.

      Applicable Compliance Method:

      Compliance with the pounds per hour emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.3-1, 10/1996 (4.41 lbs/mmBtu) by the maximum diesel fuel heat content (0.14 mmBtu/gal), and by the maximum fuel use of the emissions unit (7.6 gal/hr).

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b. Emission Limitation:

NOx emissions shall not exceed 15.25 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the tons per year emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.3-1, 10/1996 (4.41 lbs/mmBtu) by the maximum diesel fuel heat content (0.14 mmBtu/gal), and by the maximum fuel use of the emissions unit (7.6 gal/hr), and by the actual hours of operation per rolling, 12-month period, and then dividing by 2000 lbs/ton.

c. Emission Limitation:

PE shall not exceed 0.310 pound per million Btu of actual heat input.

Applicable Compliance Method:

Compliance shall be based upon an emission factor of 0.31 lb/million Btu. This emission factor is specified in the U.S. EPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.3, Table 3.3-1 (10/96).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

d. Emission Limitation:

Visible PE from any stack serving this emissions unit shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Method 9 of 40 CFR Part 60, Appendix A.

F. Miscellaneous Requirements

None

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

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 -(B003) - Dumper No. 1 - 125 KW Diesel Fired Generator (Olympian Genset Model D125P2)

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	Nitrogen oxides (NOx) emissions shall not exceed 6.11 pounds per hour.
OAC rule 3745-31-05(C) (synthetic minor to avoid Title V)	NOx emissions shall not exceed 19.86 tons per rolling, 12 month period.
ORC 3704.03(T)(4)	See section A.2.a below.
OAC rule 3745-17-11(B)(5)(a)	Particulate emissions (PE) shall not exceed 0.310 pound per million Btu of actual heat input.
OAc rule 3745-17-07(A)	Visible PE from any stack serving this emissions unit shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
OAC rule 3745-18-06(G)	This emissions unit is exempt from the requirements of OAC rule 3745-18-06(G) pursuant to OAC rule 3745-18-06(B).
OAC rule 3745-21-08(B)	See section A.2.b below.

2. Additional Terms and Conditions

2.a The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to carbon monoxide (CO), sulfur dioxide (SO_2), organic compounds (OC), or the particulate emissions from this air contaminant source since the uncontrolled potential to emit for CO, SO_2, OC, and particulate emissions is less than ten tons per year.

2.b The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B).

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On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

B. Operational Restrictions

1. The permittee shall burn only diesel fuel in this emissions unit.

2. The permittee has requested a federally enforceable limitation on operating hours for the purposes of limiting potential to emit to avoid Title V requirements. Therefore, the maximum number of operating hours for this emissions unit shall not exceed 6,500 hours as a rolling, 12-month summation. To ensure compliance during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the operating hours specified in the following table:

Month(s)	Maximum Cumulative Operating Hours
1-1	1,084
1-2	2,168
1-3	3,252
1-4	4,336
1-5	5,420
1-6	6,500
1-7	6,500
1-8	6,500
1-9	6,500
1-10	6,500
1-11	6,500
1-12	6,500

After the first 12 calendar months of operation following the startup of emissions unit B003, compliance with the annual operating hours limitation shall be based upon a rolling, 12-month summation of the operating hours.

C. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than diesel fuel, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

2. The permittee shall maintain monthly records of the following information:

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a. the operating hours for each month;

b. beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the hours of operation; and

c. during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative operating hours for each calendar month.

D. Reporting Requirements

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

2. The permittee shall submit deviation (excursion) reports that identify the following exceedances:

   a. the rolling, 12-month hours of operation limitation; and

   b. for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative hours of operation.

   These reports shall be submitted in accordance with the reporting requirements specified in Part 1 - General Terms and Conditions, Section A 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:

      NOx emissions shall not exceed 6.11 pounds per hour.

      Applicable Compliance Method:

      Compliance with the pounds per hour emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.3-1, 10/1996 (4.41 lbs/mmBtu) by the maximum diesel fuel heat content (0.14 mmBtu/gal), and by the maximum fuel use of the emissions unit (9.9 gal/hr).

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b. Emission Limitation:

NOx emissions shall not exceed 19.86 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the tons per year emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.3-1, 10/1996 (4.41 lbs/mmBtu) by the maximum diesel fuel heat content (0.14 mmBtu/gal), and by the maximum fuel use of the emissions unit (9.9 gal/hr), and by the actual hours of operation per rolling, 12-month period, and then dividing by 2000 lbs/ton.

c. Emission Limitation:

PE shall not exceed 0.310 pound per million Btu of actual heat input.

Applicable Compliance Method:

Compliance shall be based upon an emission factor of 0.31 lb/million Btu. This emission factor is specified in the U.S. EPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.3, Table 3.3-1 (10/96).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

d. Emission Limitation:

Visible PE from any stack serving this emissions unit shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Method 9 of 40 CFR Part 60, Appendix A.

F. Miscellaneous Requirements

None

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

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 -(B004) - Dumper No. 3 - 125 KW Diesel Fired Generator (Olympian Genset Model D125P2)

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	Nitrogen oxides (NOx) emissions shall not exceed 6.11 pounds per hour.
OAC rule 3745-31-05(C) (synthetic minor to avoid Title V)	NOx emissions shall not exceed 19.86 tons per rolling, 12 month period.
ORC 3704.03(T)(4)	See section A.2.a below.
OAC rule 3745-17-11(B)(5)(a)	Particulate emissions (PE) shall not exceed 0.310 pound per million Btu of actual heat input.
OAc rule 3745-17-07(A)	Visible PE from any stack serving this emissions unit shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
OAC rule 3745-18-06(G)	This emissions unit is exempt from the requirements of OAC rule 3745-18-06(G) pursuant to OAC rule 3745-18-06(B).
OAC rule 3745-21-08(B)	See section A.2.b below.

2. Additional Terms and Conditions

2.a The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to carbon monoxide (CO), sulfur dioxide (SO_2), organic compounds (OC), or the particulate emissions from this air contaminant source since the uncontrolled potential to emit for CO, SO_2, OC, and particulate emissions is less than ten tons per year.

2.b The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B).

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On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

B. Operational Restrictions

1. The permittee shall burn only diesel fuel in this emissions unit.

2. The permittee has requested a federally enforceable limitation on operating hours for the purposes of limiting potential to emit to avoid Title V requirements. Therefore, the maximum number of operating hours for this emissions unit shall not exceed 6,500 hours as a rolling, 12-month summation. To ensure compliance during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the operating hours specified in the following table:

Month(s)	Maximum Cumulative Operating Hours
1-1	1,084
1-2	2,168
1-3	3,252
1-4	4,336
1-5	5,420
1-6	6,500
1-7	6,500
1-8	6,500
1-9	6,500
1-10	6,500
1-11	6,500
1-12	6,500

After the first 12 calendar months of operation following the startup of emissions unit B004, compliance with the annual operating hours limitation shall be based upon a rolling, 12-month summation of the operating hours.

C. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than diesel fuel, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

2. The permittee shall maintain monthly records of the following information:

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a. the operating hours for each month;

b. beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the hours of operation; and

c. during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative operating hours for each calendar month.

D. Reporting Requirements

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

2. The permittee shall submit deviation (excursion) reports that identify the following exceedances:

   a. the rolling, 12-month hours of operation limitation; and

   b. for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative hours of operation.

   These reports shall be submitted in accordance with the reporting requirements specified in Part 1 - General Terms and Conditions, Section A 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:

      NOx emissions shall not exceed 6.11 pounds per hour.

      Applicable Compliance Method:

      Compliance with the pounds per hour emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.3-1, 10/1996 (4.41 lbs/mmBtu) by the maximum diesel fuel heat content (0.14 mmBtu/gal), and by the maximum fuel use of the emissions unit (9.9 gal/hr).

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b. Emission Limitation:

NOx emissions shall not exceed 19.86 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the tons per year emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.3-1, 10/1996 (4.41 lbs/mmBtu) by the maximum diesel fuel heat content (0.14 mmBtu/gal), and by the maximum fuel use of the emissions unit (9.9 gal/hr), and by the actual hours of operation per rolling, 12-month period, and then dividing by 2000 lbs/ton.

c. Emission Limitation:

PE shall not exceed 0.310 pound per million Btu of actual heat input.

Applicable Compliance Method:

Compliance shall be based upon an emission factor of 0.31 lb/million Btu. This emission factor is specified in the U.S. EPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.3, Table 3.3-1 (10/96).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

d. Emission Limitation:

Visible PE from any stack serving this emissions unit shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Method 9 of 40 CFR Part 60, Appendix A.

F. Miscellaneous Requirements

None

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

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 -(B005) - Dumper No. 4 - 125 KW Diesel Fired Generator (Olympian Model D100-4)

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	Nitrogen oxides (NOx) emissions shall not exceed 6.11 pounds per hour.
OAC rule 3745-31-05(C) (synthetic minor to avoid Title V)	NOx emissions shall not exceed 19.86 tons per rolling, 12 month period.
ORC 3704.03(T)(4)	See section A.2.a below.
OAC rule 3745-17-11(B)(5)(a)	Particulate emissions (PE) shall not exceed 0.310 pound per million Btu of actual heat input.
OAc rule 3745-17-07(A)	Visible PE from any stack serving this emissions unit shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
OAC rule 3745-18-06(G)	This emissions unit is exempt from the requirements of OAC rule 3745-18-06(G) pursuant to OAC rule 3745-18-06(B).
OAC rule 3745-21-08(B)	See section A.2.b below.

2. Additional Terms and Conditions

2.a The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to carbon monoxide (CO), sulfur dioxide (SO_2), organic compounds (OC), or the particulate emissions from this air contaminant source since the uncontrolled potential to emit for CO, SO_2, OC, and particulate emissions is less than ten tons per year.

2.b The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B).

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On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

B. Operational Restrictions

1. The permittee shall burn only diesel fuel in this emissions unit.

2. The permittee has requested a federally enforceable limitation on operating hours for the purposes of limiting potential to emit to avoid Title V requirements. Therefore, the maximum number of operating hours for this emissions unit shall not exceed 6,500 hours as a rolling, 12-month summation. To ensure compliance during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the operating hours specified in the following table:

Month(s)	Maximum Cumulative Operating Hours
1-1	1,084
1-2	2,168
1-3	3,252
1-4	4,336
1-5	5,420
1-6	6,500
1-7	6,500
1-8	6,500
1-9	6,500
1-10	6,500
1-11	6,500
1-12	6,500

After the first 12 calendar months of operation following the startup of emissions unit B005, compliance with the annual operating hours limitation shall be based upon a rolling, 12-month summation of the operating hours.

C. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than diesel fuel, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

2. The permittee shall maintain monthly records of the following information:

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a. the operating hours for each month;

b. beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the hours of operation; and

c. during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative operating hours for each calendar month.

D. Reporting Requirements

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

2. The permittee shall submit deviation (excursion) reports that identify the following exceedances:

   a. the rolling, 12-month hours of operation limitation; and

   b. for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative hours of operation.

   These reports shall be submitted in accordance with the reporting requirements specified in Part 1 - General Terms and Conditions, Section A 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:

      NOx emissions shall not exceed 6.11 pounds per hour.

      Applicable Compliance Method:

      Compliance with the pounds per hour emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.3-1, 10/1996 (4.41 lbs/mmBtu) by the maximum diesel fuel heat content (0.14 mmBtu/gal), and by the maximum fuel use of the emissions unit (9.9 gal/hr).

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b. Emission Limitation:

NOx emissions shall not exceed 19.86 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the tons per year emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.3-1, 10/1996 (4.41 lbs/mmBtu) by the maximum diesel fuel heat content (0.14 mmBtu/gal), and by the maximum fuel use of the emissions unit (9.9 gal/hr), and by the actual hours of operation per rolling, 12-month period, and then dividing by 2000 lbs/ton.

c. Emission Limitation:

PE shall not exceed 0.310 pound per million Btu of actual heat input.

Applicable Compliance Method:

Compliance shall be based upon an emission factor of 0.31 lb/million Btu. This emission factor is specified in the U.S. EPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.3, Table 3.3-1 (10/96).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

d. Emission Limitation:

Visible PE from any stack serving this emissions unit shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Method 9 of 40 CFR Part 60, Appendix A.

F. Miscellaneous Requirements

None

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

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 -(B006) - Backup Generator - 160 KW Diesel Fired Generator (Holt Caterpillar Model 3208)

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	Nitrogen oxides (NOx) emissions shall not exceed 6.67 pounds per hour.
OAC rule 3745-31-05(C) (synthetic minor to avoid Title V)	NOx emissions shall not exceed 21.67 tons per rolling, 12 month period.
ORC 3704.03(T)(4)	See section A.2.a below.
OAC rule 3745-17-11(B)(5)(a)	Particulate emissions (PE) shall not exceed 0.310 pound per million Btu of actual heat input.
OAc rule 3745-17-07(A)	Visible PE from any stack serving this emissions unit shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
OAC rule 3745-18-06(G)	This emissions unit is exempt from the requirements of OAC rule 3745-18-06(G) pursuant to OAC rule 3745-18-06(B).
OAC rule 3745-21-08(B)	See section A.2.b below.

2. Additional Terms and Conditions

2.a The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to carbon monoxide (CO), sulfur dioxide (SO_2), organic compounds (OC), or the particulate emissions from this air contaminant source since the uncontrolled potential to emit for CO, SO_2, OC, and particulate emissions is less than ten tons per year.

2.b The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B).

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On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

B. Operational Restrictions

1. The permittee shall burn only diesel fuel in this emissions unit.

2. The permittee has requested a federally enforceable limitation on operating hours for the purposes of limiting potential to emit to avoid Title V requirements. Therefore, the maximum number of operating hours for this emissions unit shall not exceed 6,500 hours as a rolling, 12-month summation. To ensure compliance during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the operating hours specified in the following table:

Month(s)	Maximum Cumulative Operating Hours
1-1	1,084
1-2	2,168
1-3	3,252
1-4	4,336
1-5	5,420
1-6	6,500
1-7	6,500
1-8	6,500
1-9	6,500
1-10	6,500
1-11	6,500
1-12	6,500

After the first 12 calendar months of operation following the startup of emissions unit B006, compliance with the annual operating hours limitation shall be based upon a rolling, 12-month summation of the operating hours.

C. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than diesel fuel, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

2. The permittee shall maintain monthly records of the following information:

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a. the operating hours for each month;

b. beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the hours of operation; and

c. during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative operating hours for each calendar month.

D. Reporting Requirements

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

2. The permittee shall submit deviation (excursion) reports that identify the following exceedances:

   a. the rolling, 12-month hours of operation limitation; and

   b. for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative hours of operation.

   These reports shall be submitted in accordance with the reporting requirements specified in Part 1 - General Terms and Conditions, Section A 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:

      NOx emissions shall not exceed 6.67 pounds per hour.

      Applicable Compliance Method:

      Compliance with the pounds per hour emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.3-1, 10/1996 (4.41 lbs/mmBtu) by the maximum diesel fuel heat content (0.14 mmBtu/gal), and by the maximum fuel use of the emissions unit (10.8 gal/hr).

   b. Emission Limitation:

      NOx emissions shall not exceed 21.67 tons per rolling, 12-month period.

      Applicable Compliance Method:

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Compliance with the tons per year emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.3-1, 10/1996 (4.41 lbs/mmBtu) by the maximum diesel fuel heat content (0.14 mmBtu/gal), and by the maximum fuel use of the emissions unit (10.8 gal/hr), and by the actual hours of operation per rolling, 12-month period, and then dividing by 2000 lbs/ton.

c. Emission Limitation:

PE shall not exceed 0.310 pound per million Btu of actual heat input.

Applicable Compliance Method:

Compliance shall be based upon an emission factor of 0.31 lb/million Btu. This emission factor is specified in the U.S. EPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.3, Table 3.3-1 (10/96).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

d. Emission Limitation:

Visible PE from any stack serving this emissions unit shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Method 9 of 40 CFR Part 60, Appendix A.

F. Miscellaneous Requirements

None

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