State of Ohio Environmental Protection Agency

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1/6/2009

Certified Mail

No	TOXIC REVIEW
No	PSD
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No	CEMS
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Yes	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED

ALAN MILLER
GoGreen, LLC
17359 State Route 66
PO Box 162
Ottoville, OH 45876

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0369002003
Permit Number: P0103931
Permit Type: Initial Installation
County: Putnam

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install and Operate for the referenced facility has been issued for the emissions unit(s) listed in the Authorization section of 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 comments on the permit. A public notice will appear in the Ohio EPA Weekly Review and the local newspaper, Putnam County Sentinal. A copy of the public notice and the draft permit are enclosed. This permit has been posted to the Division of Air Pollution Control Web page http://www.epa.state.oh.us/dapc in Microsoft Word and Adobe Acrobat format. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
122 South Front Street
Columbus, Ohio 43215

and

Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified in writing if a public hearing is scheduled. A decision on issuing a final permit-to-install and operate will be made after consideration of comments received and oral testimony if a public hearing is conducted. Any permit fee that will be due upon issuance of a final Permit-to-Install and Operate is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Ohio EPA DAPC, Northwest District Office at (419)352-8461.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: U.S. EPA Region 5 *Via E-Mail Notification*
Ohio EPA-NWDO; Michigan; Indiana; Canada

Putnam County

PUBLIC NOTICE
Issuance of Draft Air Pollution Permit-To-Install and Operate
GoGreen, LLC

Issue Date: 1/6/2009
Permit Number: P0103931
Permit Type: Initial Installation
Permit Description: Portable shredding and material handling operation powered by 390 hp diesel-fired engine.
Facility ID: 0369002003
Facility Location: GoGreen, LLC
17359 State Route 66,
Ottoville, OH 45876
Facility Description: Crushed and Broken Granite Mining and Quarrying

Chris Korleski, Director of the Ohio Environmental Protection Agency, 50 West Town Street, Columbus Ohio has issued a draft action of an air pollution control, federally enforceable permit-to-install and operate (PTIO) for the facility at the location identified above on the date indicated. Comments concerning this draft action, or a request for a public meeting, must be sent in writing no later than thirty (30) days from the date this notice is published. All comments, questions, requests for permit applications or other pertinent documentation, and correspondence concerning this action must be directed to Elissa Hartfield at Ohio EPA DAPC, Northwest District Office, 347 North Dunbridge Road or (419)352-8461. The permit can be downloaded from the Web page: www.epa.state.oh.us/dapc

Permit Strategy Write-Up

1. Check all that apply:

   NA Synthetic Minor Determination

   NA Netting Determination

2. Source Description:

   This source involves a portable shredder and associated material handling operations powered by a 390 hp diesel-fired engine.

3. Facility Emissions and Attainment Status:

   The diesel-fired engine which powers the grinding and associated material handling operations is not considered a “non-road” engine and as such the emissions from the engine must be considered in the applicability of air pollution rules and regulations. The engine is not considered a “non-road” engine due to the lack of a certificate of conformity under 40 CFR 89.

   The unrestricted potential to emit (PTE) for emissions from this operation based on 8760 hours of operation per year are as follows:

   56.50 tons Nitrogen Oxide (NOx) per year
   11.43 tons Carbon Monoxide (CO) per year
   3.50 tons Sulfur Dioxide (SO2) per year
   3.77 tons filterable Particulate Matter 10 microns or less (PM10) per year
   4.20 tons Organic compounds (OC)per year

4. Source Emissions:

   The unrestricted PTE from this emissions unit alone does not exceed major source thresholds for Title V or New Source Review. Given the portable nature of this emissions unit, federally enforceable limitations are necessary for the purpose of limiting any combined PTE when the emissions unit is located at a stationary source or at a source comprised of portable emissions units.

   This permit establishes the following federally enforceable emission limitations based on an operational restriction of 800 hours of operation per year for the purpose of limiting the potential to emit (PTE):

   4.84 tons NOx per year rolling, 12-month period
   1.04 tons CO per rolling, 12-month period
   0.32 ton SO2 per year rolling, 12-month period
   0.34 ton filterable PM10 per year rolling, 12-month period
   0.38 ton OC* per year rolling, 12-month period

   *For purposes of federally enforceability a restriction on OC effectively restricts volatile organic compounds (VOC).

5. Conclusion:

   The federally enforceable limitations established for this portable source will limit any combined PTE when the emission unit is located at a stationary source or at a source comprised of portable emission units.

6. Please provide additional notes or comments as necessary:

   None

7. Total Permit Allowable Emissions Summary (for informational purposes only):

Pollutant	Tons Per Year
NOx	4.84
CO	1.04
SO2	0.32
PM10(filterable)	0.34
OC	0.38

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

DRAFT

Air Pollution Permit-to-Install and Operate
for
GoGreen, LLC

Facility ID:	0369002003
Permit Number:	P0103931
Permit Type:	Initial Installation
Issued:	1/6/2009
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Air Pollution Permit-to-Install and Operate
for
GoGreen, LLC

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Authorization

Facility ID: 0369002003
Application Number(s): A0036082
Permit Number: P0103931
Permit Description: Portable shredding and material handling operation powered by 390 hp diesel-fired engine.
Permit Type: Initial Installation
Permit Fee: $400.00 *DO NOT send payment at this time - subject to change before final issuance*
Issue Date: 1/6/2009
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Permit Evaluation Report (PER) Annual Date: To be entered upon final issuance

This document constitutes issuance to:

GoGreen, LLC
17359 State Route 66
Ottoville, OH 45876

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402
(419)352-8461

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section 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 described emissions unit(s) will operate in compliance with applicable State and Federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director

Authorization (continued)

Permit Number: P0103931
Permit Description: Portable shredding and material handling operation powered by 390 hp diesel-fired engine.

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Emissions Unit ID:	**P901**
Company Equipment ID:	P901
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions

1. **What does this permit-to-install and operate ("PTIO") allow me to do?**

   This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. **Who is responsible for complying with this permit?**

   The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

   The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. **What records must I keep under this permit?**

   You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. **What are my permit fees and when do I pay them?**

   There are two fees associated with permitted air contaminant sources in Ohio:

   - PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

     You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

   - Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. **When does my PTIO expire, and when do I need to submit my renewal application?**

   This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is

very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Ohio EPA DAPC, Northwest District Office in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.
You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.

B. Facility-Wide Terms and Conditions

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

   a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

      (1) None.

   b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

      (1) None.

C. Emissions Unit Terms and Conditions

1. P901, Portable shredder and material handling operations

Operations, Property and/or Equipment Description:

Doppstadt DW 2560 shredder and associated material handling with a diesel fired engine

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

b)(1)a., b)(2)h., c)(1), d)(1), and e)(1)

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Shreddering and Material Handling Operations		
a.	OAC rule 3745-31-05(A)(3)(ii)	See b)(2)a.
b.	OAC rule 3745-31-05(A)(3)	See b)(2)b. and b)(2)c.
c.	OAC rule 3745-17-07(B)	See b)(2)e.
d.	OAC rule 3745-17-08(B)	See b)(2)e.
e.	40 CFR, Part 60, Subpart OOO	See b)(2)f. through b)(2)g.
Diesel Engine		
f.	OAC rule 3745-31-05(D)	Nitrogen oxides (NOx) emissions shall not exceed 12.09 pounds per hour (lbs/hr) and 4.84 tons per rolling, 12-month period. Carbon monoxide (CO) emissions shall not exceed 2.61 lbs/hr and 1.04 tons per rolling, 12-month period. Organic compound (OC) emissions shall not exceed 0.96 lbs/hr and 0.38 ton per rolling, 12-month period. Filterable particulate matter 10 microns or

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		less (PM10) shall not exceed 0.86 lbs/hr and 0.34 ton per rolling, 12-month period. Sulfur dioxide (SO2) emissions shall not exceed 0.80 lb/hr and 0.32 ton per rolling, 12-month period. See b)(2)h. and b)(2)k.
g.	OAC rule 3745-17-11(B)(5)(a)	See b)(2)m.
h.	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity as a six-minute average, except as provided by rule.
i.	OAC rule 3745-18-06(G)	See b)(2)i.
j.	40 CFR, Part 60, Subpart III	See b)(2)j.
k.	OAC rule 3745-110-03	See b)(2)l.

(2) Additional Terms and Conditions

a. Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3)(a) do not apply to emissions of PM10, NOx, CO, OC, and SO2 from this emissions unit since the annual emission for each pollutant is less than ten tons per year. The annual emission rate for NOx and CO are each less than 10 tons per year taking into account the federally enforceable restriction limiting operation to 800 hours per rolling 12-month period. The annual emission rates for PM10, OC, and SO2 are each less than 10 tons per year based on unrestricted potential to emit.

PM10 is emitted as a fugitive emission from the shredding operation and as a point source emission from the engine stack (all emissions of particulate matter from the engine are PM10). NOx, CO, OC, and SO2 are emitted as point source emissions from the engine stack.

b. The “Best Available Technology (BAT)” requirements under OAC rule 3745-31-05(A)(3)(a) are not applicable to the particulate emissions (PE) emitted from this emissions unit. PE is emitted as a fugitive emission from shredding and material handling operations). BAT is only applicable to emissions of an air contaminant or precursor of an air contaminant for which a national ambient air quality standard (NAAQS) has been adopted under the Clean Air Act. Particulate emissions (also referred to as total suspended particulate or particulate matter) is an air contaminant that does not involve an established NAAQS.

c. This permit-to-install and operate (PTIO) takes into account the following voluntary restrictions as proposed by the permittee for the purpose of establishing requirements that would be equivalent to Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3)(a):

i. Use of the following best available control measures to minimize or eliminate visible emissions of fugitive dust:

(a) Watering as necessary for the shredder;

(b) Reduced drop heights from front-end loader dumping to shredder and transfer point from shredder conveyor;

Nothing in this section shall prohibit the permittee from employing other control measures to minimize or eliminate visible emissions of fugitive dust.

ii. Federally enforceable emission limits for the diesel engine specified in b)(2)h; and

iii. Visible emission requirements specified in b)(2)g.

The voluntary restriction above is being defined as equivalent to BAT requirements such that this emissions unit meets the criteria in OAC rule 3745-31-03(A)(1)(p)(i) associated with the relocation of a portable source.

d. For each fugitive dust operation(s) that is not adequately enclosed, the above-identified control measures shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during the operation of the material processing/handling operations until further observation confirms that use of the control measures is unnecessary.

e. This emissions unit is a portable source and is applicable to the requirements of OAC rule 3745-17-07(B) and OAC rule 3745-17-08(B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. The emissions limitations specified by these rules are equivalent to or less stringent than the voluntary restrictions established in this permit.

f. The shredder and associated material handling operation (excluding front-end loader to shredder transfer point) is applicable to the requirements of 40 CFR Part 60 Subpart OOO when the shredder is used to crush or grind any non-metallic mineral material as defined in 40 CFR 60.71. The provisions of 40 CFR Part 60 Subpart OOO do not apply to the shredder and associated material handling operations when used to process material that is not defined as a non-metallic mineral. The voluntary restrictions established in this permit are equivalent or more stringent than the requirements/emission limitations as may be applicable under 40 CFR Part 60 Subpart OOO.

g. Visible PE from the shredder/grinder and material handling operations shall not exceed the following opacity restrictions:

Emissions Point (Company ID)	**Equipment Type**	**Opacity Limit**	**Regulatory Basis for Limit**
Front-End Loader to shredder	Transfer point	20% as a 3-minute average	Voluntary limitation [see b)(2)c.]

Feed Conveyor to Shredder	transfer point	15% as a 6-minute average	Voluntary limitation & NSPS Subpart OOO [See b)(2)c. and b)(2)f.]
Shredder	shredder (considered crusher)	15% as a 6-minute average	Voluntary limitation & NSPS Subpart OOO [See b)(2)c. and b)(2)f.]
Shredder to Main Conveyor and/or landfill	transfer point	15% as a 6-minute average	Voluntary limitation & NSPS Subpart OOO [See b)(2)c. and b)(2)f.]

h. This permit establishes the following federally enforceable emission limitations based on an operational restriction [See c)(1)] for the purpose of limiting the potential to emit (PTE):

i. 4.84 tons of NOx per rolling, 12-month period.

ii. 1.04 tons of CO per rolling, 12-month period.

iii. 0.38 ton of VOC per rolling, 12-month period.

iv. 0.34 ton of filterable, stack PM10 per rolling, 12-month period.

v. 0.32 ton of SO2 per rolling, 12-month period.

The unrestricted PTE from this emissions unit does not exceed major source thresholds for Title V or New Source Review. Given the portable nature of this emissions unit, the permittee has requested federally enforceable limitations for the purpose of limiting any combined PTE when the emissions unit is located at a stationary source or at a source comprised of portable emissions units.

*For purposes of federally enforceability a restriction on OC effectively restricts volatile organic compounds (VOC).

i. This emissions unit is exempt from the requirements of OAC rule 3745-18-06 pursuant to OAC rule 3745-18-06(B).

j. This emissions unit is subject to 40 CFR Part 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion. The permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart IIII The permittee shall also comply with all applicable requirements of 40 CFR Part 60, Subpart A. (General Provisions) as identified in Table 8 of 40 CFR Part 60, Subpart IIII.

k. The hourly emissions limitations for the diesel engine represent the PTE for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these short term emission limitations.

l. This emissions unit is exempt from the requirements of OAC rule 3745-110-03 pursuant to OAC rule 3745-110-03(J)(3).

c) Operational Restrictions

(1) The maximum annual operating hours for this emissions unit shall not exceed 800 hours, based upon a rolling, 12-month summation of operating hours. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the levels specified in the following table:

Month(s)	Maximum Allowable Hours Operated
1	200
1-2	400
1-3	600
1-12	800

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual operating hours limitation shall be based upon a rolling, 12-month summation of the monthly operating hours.

(2) The permittee shall combust only diesel fuel that meets the per gallon standards of 40 CFR 80.510.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain monthly records of the following information for this emissions unit:

a. Number of hours operated;

b. During the first 12 calendar months of operation, the cumulative number of hours operated; and

c. Beginning the first month after the first 12 calendar months of operation, the rolling, 12-month summation of the number of hours operated.

(2) For each day during which the permittee burns a fuel other than diesel fuel as specified in c)(2), the permittee shall maintain a record of the type, quantity and documentation of the sulfur content of fuel burned in this emissions unit.

(3) The permittee shall use records of fuel supplier certification to demonstrate compliance with the operational restriction in c)(2). Records of fuel supplier certification shall include the following information:

a. The name of the oil supplier; and

b. a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in c)(2).

(4) Except as otherwise provided in this section, for each material processing and handling operation that is not adequately enclosed, the permittee shall perform inspections of such material processing and handling operations in accordance with the following minimum frequencies:

Material Processing/Handling Operations	Minimum Inspection Frequency
All operations	Once during each day of operation.

(5) The above-mentioned inspections shall be performed during representative, normal operating conditions.

(6) The permittee shall maintain records of the following information:

a. The date and reason any required inspection was not performed;

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.

The information in (d.) shall be kept separately for each material handling operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

e) Reporting Requirements

(1) The permittee shall submit deviation (excursion) reports that identify the following:

a. All exceedances of the rolling, 12-month restriction of 800 hours of operation;

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 specified in c)(1);

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the director (the appropriate district office or local air agency).

(2) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall

cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

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

(4) Pursuant to the general provisions of NSPS, the source owner/operator is hereby advised to the requirement to report the following at the appropriate times for this emissions unit:

a. Construction date (no later than 30 days after such date);

b. Actual start-up date (within 15 days after such date); and

c. Date of performance testing (if required, at least 30 days prior to testing).

The reporting requirements indicated in this section shall be initiated by the first instance when this emissions unit operates as an affected facility at a nonmetallic mineral process plant as specified in 40 CFR 60.670(a)(1).

Reports shall be sent to:

Ohio EPA, Northwest District Office
347 North Dunbridge Road
Bowling Green, Ohio 43402

(5) The permittee shall submit the following information for each piece of equipment that is replaced by a piece of equipment having the same function as the existing facility:

a. For the shredding operation:

i. The rated capacity in tons per hour of the existing shredder is being replaced; and

ii. The rated capacity in tons per hour of the replacement shredder.

b. For a conveyor belt:

i. The width of the existing belt being replaced; and

ii. The width of the replacement conveyor belt.

The notification shall be submitted to the Northwest District Office within 30 days after the equipment replacement.

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

NOx emissions shall not exceed 12.09 lbs/hr (from diesel engine).

Applicable Compliance Method:

The hourly emission limitation was established by multiplying a maximum engine power rating of 390 horsepower, an emission factor of 0.031 pounds per horsepower-hour [AP42 Chapter 3.3, Table 3.3-1 (10/1996)]. If required, the permittee shall demonstrate compliance in accordance with the test methods and procedures in Methods 1-4 and 7 of 40 CFR Part 60, Appendix A.

b. Emission Limitation:

CO emissions shall not exceed 2.61 lbs/hr (from diesel engine).

Applicable Compliance Method:

The hourly emission limitation was established by multiplying a maximum engine power rating of 390 horsepower, an emission factor of 0.00668 pounds per horsepower-hour [AP42 Chapter 3.3, Table 3.3-1 (10/1996)]. If required, the permittee shall demonstrate compliance in accordance with the test methods and procedures in Methods 1-4 and 10 of 40 CFR Part 60, Appendix A.

c. Emission Limitation:

OC emissions shall not exceed 0.96 lbs/hr (from diesel engine).

Applicable Compliance Method:

The hourly emission limitation was established by multiplying a maximum engine power rating of 390 horsepower, an emission factor of 0.00247 pounds per horsepower-hour [AP42 Chapter 3.3, Table 3.3-1 (10/1996)]. If required, the permittee shall demonstrate compliance in accordance with the test methods and procedures in Methods 1-4 and 18, 25, or 25A, as applicable, of 40 CFR Part 60, Appendix A.

d. Emission Limitation:

Filterable PM10 emissions shall not exceed 0.86 lbs/hr (from diesel engine).

Applicable Compliance Method:

The hourly emission limitation was established by multiplying a maximum engine power rating of 390 horsepower, an emission factor of 0.0022 pounds per horsepower-hour [AP42 Chapter 3.3, Table 3.3-1 (10/1996)]. If required, the permittee shall demonstrate compliance in accordance with the test methods and procedures in Methods 201/201A of 40 CFR Part 51, Appendix M. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA, Northwest District Office.

e. Emission Limitation:

SO2 emissions shall not exceed 0.80 lb/hr (from diesel engine).

Applicable Compliance Method:

The hourly emission limitation was established by multiplying a maximum engine power rating of 390 horsepower, an emission factor of 0.00205 pounds per horsepower-hour [AP42 Chapter 3.3, Table 3.3-1 (10/1996)]. If required, the permittee shall demonstrate compliance in accordance with the test methods and procedures in Methods 1-4 and 6 of 40 CFR Part 60, Appendix A.

f. Emission Limitation:

NOx emissions shall not exceed 4.84 tons per rolling, 12-month period.
CO emissions shall not exceed 1.04 tons per rolling, 12-month period.
OC emissions shall not exceed 0.38 ton per rolling, 12-month period.
Filterable PM10 emissions shall not exceed 0.34 ton per rolling, 12-month period.
SO2 emissions shall not exceed 0.32 ton per rolling, 12-month period.

Applicable Compliance Method:

The annual emission limitations were established by multiplying the hourly emission limitations by a maximum operating schedule of 800 hours per rolling 12-month period and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the hourly limitation and with the 800 hours per rolling 12-month period operational restriction, compliance with the annual limitation will be assumed.

g. Emission Limitation:

Visible PE shall not exceed 20% opacity as a six-minute average, except as provided by rule (stack emissions).

Applicable Compliance Method:

If required, compliance shall be demonstrated in accordance with OAC rule 3745-17-03(B)(1).

h. Emission Limitation:

Visible PE from the transfer point involving the front-end loader to shredder material handling operation shall not exceed 20% opacity as a 3-minute average.

Applicable Compliance Method:

If required, compliance shall be demonstrated using Test Method 9 as set forth in “Appendix on Test Methods” in 40 CFR Part 60 (“Standards of Performance for New Stationary Sources”) as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

i. Emission Limitation:

Visible PE from the shredder (crusher) and from the transfer point involving material handling operations from the shredder (crusher) to conveyor and/or storage pile/disposal location shall not exceed 15% opacity as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be demonstrated using Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR Part 60 ("Standards of Performance for New Stationary Sources") as such Appendix existed on July 1, 2002 and the provisions of 40 CFR Part 60, Subpart A, Section 60.8 and 40 CFR Part 60, Subpart OOO, Section 60.675.

(2) In the first instance when this emissions unit operates as an affected facility at a non-metallic mineral processing plant as specified in 40 CFR 60.670(a)(1), the permittee shall conduct, or have conducted, emission testing for the shredder operation and material handling operations (transfer points) of this emissions unit. The emissions testing requirements of 40 CFR Part 60 Subpart OOO do not apply to the shredder operation and associated material handling operations when used to process material that is not defined as a non-metallic mineral (non metallic mineral is defined in 40 CFR 60.671).

(3) Testing shall be conducted in accordance with the provisions of 40 CFR Part 60, Subpart A, Section 60.8 and 40 CFR Part 60, Subpart OOO, Section 60.675.

(4) The testing time frame indicated in this section shall be initiated by the first instance when this emissions unit operates at an affected facility at a nonmetallic mineral processing plant as specified in 40 CFR 60.670(a)(1). The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not more than 180 days after the initial startup of such facility and at such other times as may be required by the Ohio Environmental Protection Agency (EPA), Division of Air Pollution Control (DAPC). The emission testing shall be conducted to demonstrate compliance with the allowable visible emission rate for particulate emissions.

(5) The following test methods shall be employed to demonstrate compliance with the allowable visible emission rates: Method 9 of 40 CFR Part 60, Appendix A shall be used to determine opacity.

(6) The tests shall be conducted while the emissions unit is operating at its maximum capacity, unless otherwise specified or approved by the Ohio EPA, DAPC.

(7) Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to NWDO. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions units operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test. Failure to submit such notification for review and approval prior to the test(s) may result in NWDO's refusal to accept the results of the emissions tests.

(8) Personnel from NWDO shall be permittted to witness the test, examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions unit and/or the performance of the control equipment.

(9) A comprehensive written report of the emissions test(s) shall be signed by the person(s) responsible for the test(s) and submitted to NWDO within 30 days following the completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from NWDO.

g) Miscellaneous Requirements

(1) The permittee may relocate the portable source within the State of Ohio without first obtaining a permit-to-install and operate (PTIO) or a permit-to-install (PTI), providing the appropriate exemption requirements have been met and following the approval of the Director (the appropriate Ohio EPA District Office or local air agency). The Director may issue a ANotice of Site Approval@ if the following criteria is met, pursuant to the permanent exemption for portable sources in OAC rule 3745-31-03(A)(1):

a. the portable source is operated in compliance with any applicable best available technology (BAT) determination issued in a permit and all applicable state and/or federal rules and laws;

b. the portable source is operating pursuant to a currently effective PTIO or PTI and/or permit to operate (PTO) and continues to comply with the requirements of the permit;

c. the permittee has provided a minimum of 30 days notice of the intent to relocate the portable source to the permitting authority (the Ohio EPA District Office or local air agency that has issued the effective current permit) prior to the scheduled relocation;

d. the Ohio EPA district office or local air agency having jurisdiction over the new site has determined that the permitted emissions would not cause a nuisance and would be acceptable under OAC rule 3745-15-07; and

e. the Director has issued a ANotice of Site Approval@, stating that the proposed site is acceptable and the relocation of the portable source, along with any supporting permitted emissions (e.g. roadways or storage piles), would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site.

The portable source can be relocated upon receipt of the Director=s ANotice of Site Approval@ for the site.

[OAC rule 3745-31-03(A)(1)(p)(i)]

(2) If the relocation of the portable source would result in the installation of a major source or the modification of a major source, as defined in OAC rule 3745-31-01, the permittee shall submit an application and obtain a PTIO or PTI (as applicable) for the new location prior to moving the portable source.

When a portable source is located at a stationary source or at a site with multiple portable sources, the potential emissions of the portable source may be required to be added to that of the facility, in order to determine the potential to emit for Title V and PSD applicability. Relocation of any portable source that results in the creation of a major source, as defined in OAC rule 3745-77-01, must also meet all applicable requirements under the Title V program contained in OAC rule 3745-77, which may include the requirement to apply for a Title V permit.

The "Notice of Intent to Relocate" shall be submitted to the Ohio EPA District Office or local air agency responsible for issuing the permits for the portable source. Upon receipt of the notice, the permitting office shall notify the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Failure to submit said notification or failure to receive Ohio EPA approval prior to relocation of the portable source may result in fines and civil penalties.

[OAC rule 3745-31-03(A)(1)(p)(i)]