



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

RE: FINAL PERMIT TO INSTALL

HAMILTON COUNTY

Application No: 14-06010

Fac ID: 1431092049

DATE: 6/12/2008

Rumpke Sanitary Landfill, Inc
David Murphy
10795 Hughes Rd
Cincinnati, OH 452514598

CERTIFIED MAIL

	TOXIC REVIEW
	PSD
	SYNTHETIC MINOR
	CEMS
	MACT
Subpart 000, Subpart IIII	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED
	GASOLINE DISPENSING FACILITY

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

Sincerely,

Michael W. Ahern |

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

CC: USEPA

HCDES



Permit To Install
Terms and Conditions

Issue Date: 6/12/2008
Effective Date: 6/12/2008

FINAL PERMIT TO INSTALL 14-06010

Application Number: 14-06010
Facility ID: 1431092049
Permit Fee: **\$3100**
Name of Facility: Rumpke Sanitary Landfill, Inc
Person to Contact: David Murphy
Address: 10795 Hughes Rd
Cincinnati, OH 452514598

Location of proposed air contaminant source(s) [emissions unit(s)]:
10795 Hughes Rd
Cincinnati, Ohio

Description of proposed emissions unit(s):
400 tons/hr portable crusher, 400 tons/hr portable screener, material storage piles, 475 HP diesel engine for crusher, 115 HP diesel engine for screener.

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

<u>Pollutant</u>	<u>Tons Per Year</u>
PE	78.56
PM10	35.02
SO ₂	0.79
NO _x	13.21
CO	6.92
TOC	2.94

Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

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

None

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

None

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

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment - (F016) - 400 tons/hr portable crusher

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	<p>Particulate emissions (PE) shall not exceed 14.80 pounds per hour and 27.71 tons per year (TPY).</p> <p>Particulate matter emissions 10 microns or less in diameter (PM10) shall not exceed 7.38 pounds per hour and 13.82 tons per year (TPY).</p> <p>See term and condition A.I.2.b and Section A.II.1.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-08(B) and 40 CFR Part 60, Subpart OOO.</p>
OAC rule 3745-17-07(B)(1)	The emission limitation specified by this rule is less stringent than the emission limitations established pursuant to 40 CFR Part 60, Subpart OOO.
OAC rule 3745-17-08(B)	When this emissions unit is located in Appendix A areas, as defined in OAC rule 3745-17-08, the requirements specified by this rule are equivalent to or less stringent than the requirements established pursuant to OAC rule 3745-31-05(A)(3).
40 CFR Part 60, Subpart OOO	See terms and conditions A.I.2.c and A.I.2.d.

2. Additional Terms and Conditions

- 2.a The material handling operations that are covered by this permit and subject to the above-mentioned requirements are listed below:

400 tons/hr portable crusher

- 2.b** The permittee shall employ best available control measures for the purpose of ensuring compliance with the applicable requirements identified below for crushing, transfer points, screening, and conveying operations. In accordance with the application, the permittee has committed to the use of water sprays operating at the points specified, as necessary, to ensure compliance.
- 2.c** Fugitive particulate emissions from any transfer point on belt conveyors and from any other emissions point (excluding crushers and truck dumping) where process materials are not saturated, shall not exceed 10 percent opacity, except as provided by rule 40 CFR 60.672.
- 2.d** Fugitive particulate emissions from any crusher shall not exceed 15 percent opacity.
- 2.e** The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.
- 2.f** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit, visible emissions limitations and compliance with specified emission limits is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

- 1. The maximum annual material throughput rate for this emissions unit shall not exceed 1,497,600 tons per year.

III. Monitoring and/or Record keeping Requirements

- 1. Except as otherwise provided in this section, the permittee shall perform inspections of the material handling operations in accordance with the following frequencies:

<u>material handling operation</u>	<u>minimum inspection frequency</u>
400 tons/hr portable crusher	once daily during operation

- 2. The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for the crusher and associated transfer points. The inspections shall be performed during representative, normal operating conditions. No inspection shall be necessary for this material handling operation if the material used in this operation is covered with snow and/or ice, or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.

3. The permittee may, upon receipt of written approval from the Hamilton County Department of Environmental Services, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
4. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed;
 - 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 required in 4.d shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

5. The permittee shall maintain monthly records of the amount of material throughput in this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii of this permit.

2. The permittee shall submit annual reports that specify the total amount of material throughput for this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including the annual throughput for this emissions unit in the annual Fee Emissions Report.
3. Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

- a. construction date (no later than 30 days after such date);
- b. actual start-up date (within 15 days after such date), including a description of each affected emissions unit, equipment manufacturer, and serial number of the equipment if available; and
- c. date of performance testing (if required, at least 30 days prior to testing).

Reports are to be sent to:

Hamilton County Department of Environmental Services
250 William Howard Taft Road
Cincinnati, Ohio 45219

4. The permittee shall submit written reports of the results of all performance tests conducted to demonstrate initial compliance with the standards in 40 CFR 60.672 of Subpart OOO, including reports of observations using Method 9 to demonstrate compliance with terms A.I.2.c and A.I.2.d of this permit.

If not previously conducted and reported, a comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

V. Testing Requirements

1. Compliance with the emissions limitations in Sections A.I.1 and A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitations:

PE shall not exceed 27.71 TPY; PM10 emissions shall not exceed 13.82 TPY.

Applicable Compliance Method:

Annual emissions of PE and PM10 shall be determined using the following equations:

$$\text{TPY of PE} = (A) \times (B) \times 1 \text{ ton}/2,000 \text{ lbs}$$

$$\text{TPY of PM10} = (A) \times (B) \times 1 \text{ ton}/2,000 \text{ lbs}$$

where:

A = PE or PM-10 emissions factor, in lb/ton, as calculated from U.S. EPA's AP-42 Section 11.3 (August, 1997) and Section 13.2.4, (November 2006)

and the permittee-supplied data contained in air permit-to-install (PTI) application number 14-06010, submitted December 19, 2007.

B = annual material throughput, in tons per year.

b. Emission Limitations:

PE shall not exceed 14.80 lbs/hr; PM10 emissions shall not exceed 7.38 lbs/hr.

Applicable Compliance Method:

Hourly emissions of PE and PM10 shall be determined using the following equations:

$$\text{lbs/hr of PE} = (A) \times (B)$$

$$\text{lbs/hr of PM10} = (A) \times (B)$$

where:

A = PE or PM-10 emission factor, in lb/ton, as calculated from U.S. EPA's AP-42 Section 11.3 (August, 1997) and Section 13.2.4, (November 2006) and the permittee-supplied data contained in air permit-to-install (PTI) application number 14-06010, submitted December 19, 2007.

B = maximum hourly throughput, in tons.

c. Emission Limitations:

Opacity limitations for fugitive visible particle emissions pursuant to 40 CFR Part 60, Subpart OOO (see terms and conditions A.I.2.c and A.I.2.d).

Applicable Compliance Method:

If not previously conducted and reported, the permittee shall conduct, or have conducted, fugitive visible particulate emission testing for emissions unit F016 in accordance with the following requirements:

- i. The emission testing shall be conducted within 60 days after achieving maximum production but no later than 180 days after initial startup.
- ii. Compliance with the opacity limits as specified in term A.I.2.c and A.I.2.d of this permit shall be determined by using US EPA Reference Test Method 9 (40 CFR Part 60). The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).
- iii. The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The

required observer position relative to the sun (Method 9, Section 2.1) must be followed.

- iv. For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency.

The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), 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 from the emissions unit and/or the performance of the control equipment.

2. Compliance with the restriction in term and condition A.II.1 shall be demonstrated by the record keeping requirement in term and condition A.III.5.

VI. Miscellaneous Requirements

1. At the discretion and following the approval of the director, the permittee may relocate the portable source within the State of Ohio without first obtaining a permit to install (PTI) providing the appropriate notification and exemption requirements have been met. The director may issue a "Notice of Site Approval" through either of the following scenarios:
 - a. If future location(s) of the proposed portable source are unknown, the approval to relocate the portable source shall be in accordance with OAC rule 3745-31-03(A)(1)(p)(i) and the following criteria shall be met:

- i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
- ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;
- iii. 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;
- iii. 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 in violation of OAC rule 3745-15-07 and that 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; and
- iv. the director has issued a "Notice of Site Approval", stating that the proposed site is acceptable under OAC rule 3745-15-07 and the relocation will not result in the installation of a major stationary source or a modification of an existing major stationary source.

The portable source can be relocated upon receipt of the director's "Notice of Site Approval" for the site; or

- b. Pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the director may issue a "Notice of Site Approval" for any pre-disclosed location(s) if the portable source meets the requirements of OAC rule 3745-31-05(E), as follows:
 - i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
 - ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;
 - iii. the permittee has identified the proposed site(s) to the permitting District Office or local air agency;
 - iv. the permitting District Office/local air agency and the District Office/Local air agency having jurisdiction over the new site have determined that the

portable source will have an acceptable environmental impact at the proposed site(s);

- v. a public notice, meeting the requirements of OAC rule 3745-47, is published in the county where the proposed site(s) is/are located;
- vi. the owner of the proposed site(s) (if not the permittee) has provided the portable source owner with approval, or an equivalent declaration, that it is acceptable to move the portable source to the proposed site(s); and
- vii. the permittee has provided the Ohio EPA with a minimum of a 15-day written notice of the relocation.

The portable source can be relocated upon receipt of the director's "Notice of Site Approval" for the site. Any site approval(s) issued by the Ohio EPA, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal. Pursuant to OAC rule 3745-31-05(F), the director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

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 PTI 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.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment - (F016) - 400 tons/hr portable crusher

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
None	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

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

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment - (F017) - 400 tons/hr portable shredder screener

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05-(A)(3)	Particulate emissions (PE) shall not exceed 6.71 pounds per hour and 12.56 tons per year (TPY). Particulate matter emissions 10 microns or less in diameter (PM10) shall not exceed 0.89 pound per hour and 1.66 tons per year (TPY). See term and condition A.I.2.b and Section A.II.1. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-08(B) and 40 CFR Part 60, Subpart 000.
OAC rule 3745-17-08(B)	When this emissions unit is located in Appendix A areas, as defined in OAC rule 3745-17-08, the requirements specified by this rule are equivalent to or less stringent than the requirements established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-17-07(B)(1)	The emissions limitation specified by this rule is less stringent than the emissions limitation established pursuant to 40 CFR Part 60, Subpart 000.
40 CFR Part 60, Subpart 000	See terms and conditions A.I.2.c.

2. Additional Terms and Conditions

- 2.a The material handling operations that are covered by this permit and subject to the above-mentioned requirements are listed below:

400 tons/hr portable shredder/screener

- 2.b** The permittee shall employ best available control measures for the purpose of ensuring compliance with the applicable requirements identified below for shredding, screening, transfer points and conveying operations. In accordance with the application, the permittee has committed to the use of water sprays operating at the points specified, as necessary, to ensure compliance.
- 2.c** Fugitive particulate emissions from any transfer point on belt conveyors and from any other emissions point (excluding crushers and truck dumping) where process materials are not saturated, shall not exceed 10 percent opacity, except as provided by rule 40 CFR 60.672.
- 2.d** The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.
- 2.e** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit, visible emissions limitations and compliance with specified emission limits is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

- 1. The maximum annual material throughput rate for this emissions unit shall not exceed 1,497,600 tons per year.

III. Monitoring and/or Record keeping Requirements

- 1. Except as otherwise provided in this section, the permittee shall perform inspections of the material handling operations in accordance with the following frequencies:

<u>material handling operation</u>	<u>minimum inspection frequency</u>
400 tons/hr portable shredder/screener	once daily during operation

- 2. The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for the shredder/screener and associated transfer points. The inspections shall be performed during representative, normal operating conditions. No inspection shall be necessary for this material handling operation if the material used in this operation is covered with snow and/or ice, or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.
- 3. The permittee may, upon receipt of written approval from the Hamilton County Department of Environmental Services, modify the above-mentioned inspection frequencies if

operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.

4. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed;
 - 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 required in 4.d shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

5. The permittee shall maintain monthly records of the amount of material throughput in this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii of this permit.

2. The permittee shall submit annual reports that specify the total amount of material throughput for this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including the annual throughput for this emissions unit in the annual Fee Emissions Report.
3. Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:
 - a. construction date (no later than 30 days after such date);

- b. actual start-up date (within 15 days after such date), including a description of each affected emissions unit, equipment manufacturer, and serial number of the equipment if available; and
- c. date of performance testing (if required, at least 30 days prior to testing).

Reports are to be sent to:

Hamilton County Department of Environmental Services
250 William Howard Taft Road
Cincinnati, Ohio 45219

- 4. The permittee shall submit written reports of the results of all performance tests conducted to demonstrate initial compliance with the standards in 40 CFR 60.672 of Subpart OOO, including reports of observations using Method 9 to demonstrate compliance with terms A.I.2.c of this permit.

If not previously conducted and reported, a comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

V. Testing Requirements

- 1. Compliance with the emissions limitations in Sections A.I.1 and A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitations:

PE shall not exceed 12.56 TPY; PM10 shall not exceed 1.66 TPY.

- Applicable Compliance Method:

Annual emissions of PE and PM10 shall be determined using the following equations:

$$\text{TPY of PE} = (A) \times (B) \times 1 \text{ ton}/2,000 \text{ lbs}$$

$$\text{TPY of PM10} = (A) \times (B) \times 1 \text{ ton}/2,000 \text{ lbs}$$

where:

A = PE or PM-10 emission factor, lb/ton, as calculated from U.S. EPA's AP-42 Section 11.3 (August, 1997) and Section 13.2.4, (November 2006) and the permittee-supplied data contained in air permit-to-install (PTI) application number 14-06010, submitted December 19, 2007.

B = annual material throughput, in tons per year.

b. Emission Limitations:

PE shall not exceed 6.71 lbs/hr; PM10 shall not exceed 0.89 lb/hr.

Applicable Compliance Method:

Hourly emissions of PE and PM10 shall be determined using the following equations:

$$\text{lbs/hr of PE} = (A) \times (B)$$

$$\text{lbs/hr of PM10} = (A) \times (B)$$

where:

A = PE or PM-10 emission factor, lb/ton, as calculated from U.S. EPA's AP-42 Section 11.3 (August, 1997) and Section 13.2.4, (November 2006) and the permittee-supplied data contained in air permit-to-install (PTI) application number 14-06010, submitted December 19, 2007.

B = maximum hourly throughput, in tons.

c. Emission Limitations:

Opacity limitations for fugitive visible particle emissions pursuant to 40 CFR Part 60, Subpart OOO (see term and condition A.I.2.c).

Applicable Compliance Method:

If not previously conducted and reported, the permittee shall conduct, or have conducted, fugitive visible particulate emission testing for emissions unit F017 in accordance with the following requirements:

- i. The emission testing shall be conducted within 60 days after achieving maximum production but no later than 180 days after initial startup.
- ii. Compliance with the opacity limits as specified in term A.I.2.c of this permit shall be determined by using US EPA Reference Test Method 9 (40 CFR Part 60). The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).
- iii. The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The

required observer position relative to the sun (Method 9, Section 2.1) must be followed.

- iv. For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency.

The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), 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 from the emissions unit and/or the performance of the control equipment.

2. Compliance with the restriction in term and condition A.II.1 shall be demonstrated by the record keeping requirement in term and condition A.III.5.

VI. Miscellaneous Requirements

1. At the discretion and following the approval of the director, the permittee may relocate the portable source within the State of Ohio without first obtaining a permit to install (PTI) providing the appropriate notification and exemption requirements have been met. The director may issue a "Notice of Site Approval" through either of the following scenarios:
 - a. If future location(s) of the proposed portable source are unknown, the approval to relocate the portable source shall be in accordance with OAC rule 3745-31-03(A)(1)(p)(i) and the following criteria shall be met:

- i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
- ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;
- iii. 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;
- iii. 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 in violation of OAC rule 3745-15-07 and that 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; and
- iv. the director has issued a "Notice of Site Approval", stating that the proposed site is acceptable under OAC rule 3745-15-07 and the relocation will not result in the installation of a major stationary source or a modification of an existing major stationary source.

The portable source can be relocated upon receipt of the director's "Notice of Site Approval" for the site; or

- b. Pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the director may issue a "Notice of Site Approval" for any pre-disclosed location(s) if the portable source meets the requirements of OAC rule 3745-31-05(E), as follows:
 - i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
 - ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;
 - iii. the permittee has identified the proposed site(s) to the permitting District Office or local air agency;
 - iv. the permitting District Office/local air agency and the District Office/Local air agency having jurisdiction over the new site have determined that the

portable source will have an acceptable environmental impact at the proposed site(s);

- v. a public notice, meeting the requirements of OAC rule 3745-47, is published in the county where the proposed site(s) is/are located;
- vi. the owner of the proposed site(s) (if not the permittee) has provided the portable source owner with approval, or an equivalent declaration, that it is acceptable to move the portable source to the proposed site(s); and
- vii. the permittee has provided the Ohio EPA with a minimum of a 15-day written notice of the relocation.

The portable source can be relocated upon receipt of the director's "Notice of Site Approval" for the site. Any site approval(s) issued by the Ohio EPA, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal. Pursuant to OAC rule 3745-31-05(F), the director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

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 PTI 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.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment - (F017) - 400 tons/hr portable shredder screener

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
None	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

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

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment - (F018) - material storage piles

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	<p>Particulate emissions (PE) shall not exceed 37.5 tons per year (TPY).</p> <p>Particulate matter emissions 10 microns or less in diameter (PM10) shall not exceed 18.74 tons per year (TPY).</p> <p>There shall be no visible particulate emissions from any material storage pile except for a total of 1 minute during any 60-minute observation period.</p> <p>Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (See terms and conditions A.I.2.b through A.I.2.e).</p> <p>See Section A.II.1.</p>
OAC rule 3745-17-07(B)	The emissions limitation specified by this rule is less stringent than the emissions limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-17-08(B)	When this emissions unit is located in Appendix A areas, as defined in OAC rule 3745-17-08, the requirements specified by this rule are equivalent to or less stringent than the requirements established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a The storage piles that are covered by this permit and subject to the above-mentioned requirements are listed below:

crushed soil/clay and crushed rock.

- 2.b** The permittee shall employ best available control measures on all load-in and load-out operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's application, the permittee has committed to watering/sprinkling systems at sufficient treatment frequencies to ensure compliance. The operator shall avoid dragging any front-end loader bucket along the ground. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.c** The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.
- 2.d** The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the application, the permittee has committed to perform one or more of the following: (chemical stabilization, watering/sprinkling systems/hoses, covering the storage piles) to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.e** The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.
- 2.f** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit, visible emissions limitations and compliance with specified emission limits is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

- 1. The maximum annual soil/clay and rock storage piles material throughput for this emissions unit shall not exceed 1,497,600 tons per year.

III. Monitoring and/or Record keeping Requirements

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

<u>storage pile identification</u>	<u>minimum load-in inspection frequency</u>
all	once daily during operation

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

<u>storage pile identification</u>	<u>minimum load-out inspection frequency</u>
all	once daily during operation

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

<u>storage pile identification</u>	<u>minimum wind erosion inspection frequency</u>
all	once daily during operation

4. No inspection shall be necessary for wind erosion from the surface of a storage pile when the pile is covered with snow and/or ice and for any storage pile activity if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

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

6. The permittee may, upon receipt of written approval from the Hamilton County Department of Environmental Services, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.

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

- a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

- b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
- c. the dates the control measures were implemented; and
- d. on a calendar quarter basis, the total number of days the control measures were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

The information required in 7.d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the pile surfaces (wind erosion), and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

- 8. The permittee shall maintain monthly records of the total amount of material throughput stored in this emissions unit.

IV. Reporting Requirements

- 1. The permittee shall submit annual reports that specify the total amount of material throughput for this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including the annual throughput for this emissions unit in the annual Fee Emission Report.
- 2. The permittee shall submit quarterly deviation reports that identify any of the following occurrences:
 - a. any exceedance of the material throughput limitation in term A.II.1;
 - b. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - c. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii of this permit.

V. Testing Requirements

- 1. Compliance with the emission limitation(s) in Section A.I.1 of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitations:

PE shall not exceed 37.5 tons/yr; PM10 shall not exceed 18.74 tons/yr.

Applicable Compliance Method:

Annual emissions of PE and PM10 shall be determined using the following equations:

$$\text{TPY of PE} = (A) \times (B) \times 1 \text{ ton}/2,000 \text{ lbs}$$

$$\text{TPY of PM}_{10} = (A) \times (B) \times 1 \text{ ton}/2,000 \text{ lbs}$$

where:

A = PE or PM-10 emission factor, (lb/ton) for material handling, as calculated from U. S. EPA document AP-42, Section 13.2.4, (November 2006); and PE or PM10 emission factor (lb/day/acre) for storage piles, as calculated from the U.S. EPA's Best Available Control Measures (BACM) document Equation 2-12 and the permittee-supplied data contained in air permit-to-install (PTI) application number 14-06010, submitted December 19, 2007.

B = annual material throughput, in tons per year.

b. Emissions Limitation:

No visible PE except for a total of 1 minute during any 60 minute observation period.

Applicable Compliance Method:

If required, compliance with the visible PE limitations listed above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources").

2. Compliance with the restriction in term and condition A.II.1 shall be demonstrated by the record keeping requirement in term and condition A.III.8.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment - (F018) - material storage piles

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
None	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

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

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment - (P019) - Caterpillar C15 3.33 mmBtu/hr diesel engine

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)(b)	See terms and conditions A.I.2.a and A.I.2.b.
OAC rule 3745-31-05(C) Voluntary Restriction to Avoid BAT	See term and condition A.I.2.c.
OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack associated with this emissions unit shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.
OAC rule 3745-17-11(B)(5)(a)	The emission limitation specified by this rule is less stringent than those established pursuant to 40 CFR Part 60, Subpart IIII.
40 CFR Part 60, Subpart IIII	Nitrogen oxides (NO _x) emissions shall not exceed 4.0 g/KW-h. Carbon monoxide (CO) emissions shall not exceed 3.5 g/KW-h. Particulate emissions (PE) shall not exceed 0.20 g/KW-h. See term and condition A.II.1.
OAC rule 3745-18-06(G)	Exempt per OAC rule 3745-18-06(B).
OAC rule 3745-110-02(A)(2)	Exempt due to the applicability of 40 CFR Part 60, Subpart IIII.

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 the particulate emissions (PE), particulate matter emissions 10 microns or less in diameter (PM₁₀), and volatile organic compound (VOC)

emissions from this air contaminant source since the uncontrolled potential to emit for PE, PM10, and VOC is less than 10 tons per year.

- 2.b** The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the sulfur dioxide (SO₂) emissions from this air contaminant source since the calculated annual emissions rate for SO₂ is less than 10 tons per year taking into account the federally enforceable rule limitations pursuant to 40 CFR Part 60, Subpart IIII.
- 2.c** Permit to Install 14-06010 for this air contaminant source takes into account the following voluntary restrictions as proposed by the permittee for the purpose of avoiding Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) for nitrogen oxides (NO_x) emissions and carbon monoxide (CO) emissions:
 - i. the permittee shall burn only No. 2 fuel oil or diesel fuel in this emissions unit, and
 - ii. the maximum annual usage of No. 2 fuel oil or diesel fuel burned in this emissions unit shall not exceed 93,300 gallons per year to ensure potential NO_x and CO emissions do not exceed 9.9 tons per year.
- 2.d** The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency (U.S. EPA), 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency (Ohio EPA).

II. Operational Restrictions

- 1. The quality of No. 2 fuel oil or diesel fuel received for burning in this emissions unit shall comply with the requirements of 40 CFR 80.510(a), i.e., the sulfur content limitation for fuel of less than or equal to 0.05 weight per cent sulfur, and a minimum centane of 40 or a maximum aromatic content of 35 percent by volume. Beginning October 1, 2010, the quality of No. 2 fuel oil or diesel fuel received for burning in this emissions unit shall comply with the requirements of 40 CFR 80.510(b), i.e., the sulfur content limitation for fuel of less than or equal to 0.0015 weight per cent sulfur, and a minimum centane of 40 or a maximum aromatic content of 35 percent by volume.

III. Monitoring and/or Recordkeeping Requirements

- 1. For each day during which the permittee burns a fuel other than No. 2 fuel oil or diesel fuel, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
- 2. The permittee shall receive and maintain the chemical analyses from the supplier/marketer for each shipment of fuel burned in this emissions unit, which shall certify that the fuel complies with the requirements of 40 CFR 80.510(a) and/or 40 CFR 80.510(b).

3. The permittee shall keep annual records of the amount of the amount of fuel oil or diesel fuel burned in this emissions unit.

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any fuel burned in this emissions unit other than No. 2 fuel oil or diesel fuel. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 45 days after the deviation occurs.
2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record which shows a deviation of the allowable sulfur content limitation based upon the record keeping requirements from term A.III.2 above. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 45 days after the deviation occurs.
3. The permittee shall notify the Hamilton County Department of Environmental Services by January 31 of each year if the amount of fuel oil or diesel fuel burned in this emissions unit during the previous year, exceeds the limitation contained in this permit.

V. Testing Requirements

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

- a. Emissions Limitation:

Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with U.S. EPA Method 9.

- b. Emissions Limitation:

Particulate emissions (PE) emissions shall not exceed 0.20 g/KW-h.

Applicable Compliance Method:

If required, compliance shall be determined in accordance with Test Methods 1-5, as set forth in "Appendix on Test Methods" in 40 CFR Part 60 ("Standards of Performance for New Stationary Sources").

c. Emissions Limitation:

Nitrogen oxides (NO_x) emissions shall not exceed 4.0 g/KW-h.

Applicable Compliance Method:

If required, compliance shall be determined in accordance with Test Methods 1-4 and 7, as set forth in "Appendix on Test Methods" in 40 CFR Part 60 ("Standards of Performance for New Stationary Sources"). In addition the permittee shall maintain the manufacturer's certification of compliance with 40 CFR Part 60, Subpart IIII on site at all times.

d. Emissions Limitation:

Carbon monoxide (CO) emissions shall not exceed 3.5 g/KW-h.

Applicable Compliance Method:

If required, compliance shall be determined in accordance with Test Method 10, as set forth in "Appendix on Test Methods" in 40 CFR Part 60 ("Standards of Performance for New Stationary Sources"). In addition the permittee shall maintain the manufacturer's certification of compliance with 40 CFR Part 60, Subpart IIII on site at all times.

e. Emission Limitations:

The PE, PM₁₀, and VOC emissions from this emissions unit shall not exceed 9.9 tons per year.

Applicable Compliance Method:

The emission limitations were based upon the emissions unit's uncontrolled potential to emit and the emission factors from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 3.3, Table 3.3-1 (October, 1996). Compliance with the annual emission limitations may be demonstrated by multiplying the lb/mmBtu values for PE, PM₁₀, and VOC (as TOC) by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), multiplying by 8760 hours per year and dividing by 2000 lbs/ton.

f. Emission Limitations:

The NO_x and CO emissions from this emissions unit shall not exceed 9.9 tons per year.

Applicable Compliance Method:

The emission limitations were based upon a voluntary restriction on the potential to emit and the 40 CFR 60 Subpart IIII emission limitations and emissions factors as provided by the permittee in air permit-to-install (PTI) application number 14-06010, submitted December 19, 2007. Compliance with the annual emission limitations may be demonstrated by multiplying the lb/mmBtu values for NOx and CO by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), multiplying by the ratio of the total gallons of fuel used to the maximum hourly fuel usage rate, and dividing by 2000 lbs/ton.

g. Emissions Limitation:

The SO2 emissions from this emissions unit shall not exceed 9.9 tons per year.

Applicable Compliance Method:

The emissions limitation was based upon the emissions unit's allowable emissions rate pursuant to 40 CFR part 60, Subpart IIII and the required fuel oil sulfur content of 500 ppm. Compliance with the annual emissions limitation may be demonstrated by multiplying the emissions factor for SO2, in lbs/gallon, by the total gallons of fuel used, and dividing by 2000 lbs/ton.

2. Compliance with the operation restriction in term and condition A.I.2.c.ii shall be demonstrated by the record keeping requirement in term and condition A.III.3.

VI. Miscellaneous Requirements

1. At the discretion and following the approval of the director, the permittee may relocate the portable source within the State of Ohio without first obtaining a permit to install (PTI) providing the appropriate notification and exemption requirements have been met. The director may issue a "Notice of Site Approval" through either of the following scenarios:
 - a. If future location(s) of the proposed portable source are unknown, the approval to relocate the portable source shall be in accordance with OAC rule 3745-31-03(A)(1)(p)(i) and the following criteria shall be met:
 - i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
 - ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;

- iii. 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;
- iii. 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 in violation of OAC rule 3745-15-07 and that 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; and
- iv. the director has issued a "Notice of Site Approval", stating that the proposed site is acceptable under OAC rule 3745-15-07 and the relocation will not result in the installation of a major stationary source or a modification of an existing major stationary source.

The portable source can be relocated upon receipt of the director's "Notice of Site Approval" for the site; or

- b. Pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the director may issue a "Notice of Site Approval" for any pre-disclosed location(s) if the portable source meets the requirements of OAC rule 3745-31-05(E), as follows:
 - i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
 - ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;
 - iii. the permittee has identified the proposed site(s) to the permitting District Office or local air agency;
 - iv. the permitting District Office/local air agency and the District Office/Local air agency having jurisdiction over the new site have determined that the portable source will have an acceptable environmental impact at the proposed site(s);
 - v. a public notice, meeting the requirements of OAC rule 3745-47, is published in the county where the proposed site(s) is/are located;

- vi. the owner of the proposed site(s) (if not the permittee) has provided the portable source owner with approval, or an equivalent declaration, that it is acceptable to move the portable source to the proposed site(s); and
- vii. the permittee has provided the Ohio EPA with a minimum of a 15-day written notice of the relocation.

The portable source can be relocated upon receipt of the director's "Notice of Site Approval" for the site. Any site approval(s) issued by the Ohio EPA, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal. Pursuant to OAC rule 3745-31-05(F), the director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

- 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 PTI 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.

The voluntary restrictions listed in Additional Term and Condition A.I.2.c of Permit to Install 14-06010 for emissions unit P019 are equivalent to Best Available Technology requirements under OAC rule 3745-31-05(A)(3), for nitrogen oxides (NO_x) and carbon monoxide (CO) emissions.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment - (P019) - Caterpillar C15 3.33 mmBtu/hr diesel engine

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
None	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

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

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment - (P020) - John Deere 0.81 mmBtu/hr diesel engine

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)(b)	See term and condition A.I.2.a.
OAC rule 3745-31-05(C) Voluntary Restriction to Avoid BAT	See term and condition A.I.2.b.
OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack associated with this emissions unit shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.
OAC rule 3745-17-11(B)(5)(a)	Particulate emissions shall not exceed 0.310 pound per million Btu of actual heat input.
OAC rule 3745-18-06(G)	Exempt per OAC rule 3745-18-06(B).
OAC rule 3745-110-02(A)	Exempt per OAC rule 3745-110-03(J)(3).

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 the particulate emissions (PE), particulate matter emissions 10 microns or less in diameter (PM10), carbon monoxide (CO) emissions, sulfur dioxide (SO2), and volatile organic compound (VOC) emissions from this air contaminant source since the uncontrolled potential to emit for PE, PM10, CO, SO2 and VOC is less than 10 tons per year.
- 2.b Permit to Install 14-06010 for this air contaminant source takes into account the following voluntary restrictions as proposed by the permittee for the purpose of avoiding Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) for nitrogen oxides (NOx) emissions:

- i. the permittee shall burn only No. 2 fuel oil or diesel fuel in this emissions unit, and
- ii. the maximum annual usage No. 2 fuel oil or diesel fuel burned in this emissions unit shall not exceed 22,600 gallons per year to ensure potential NOx emissions do not exceed 9.9 tons per year.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. For each day during which the permittee burns a fuel other than No. 2 fuel oil or diesel fuel, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. The permittee shall keep annual records of the amount of the amount of fuel oil or diesel fuel burned in this emissions unit.

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any fuel burned in this emissions unit other than No. 2 fuel oil or diesel fuel. The notifications shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 45 days after the deviation occurs.
2. The permittee shall notify the Hamilton County Department of Environmental Services by January 31 of each year if the amount of fuel oil or diesel fuel burned in this emissions unit during the previous year, exceeds the limitation contained in this permit.

V. Testing Requirements

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

- a. Emissions Limitation:

Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

- a. Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with U.S. EPA Method 9.

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Rumpke Sanitary Landfill, Inc

PTI Application: 14-06010

Issued: 6/12/2008

Facility ID: 1431092049

Emissions Unit ID: P020

b. Emissions Limitation:

Particulate emissions shall not exceed 0.310 lb/mmBtu of actual heat input.

Applicable Compliance Method:

Compliance with the emissions limitation may be determined from the emission factors in AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 3.3, Table 3.3-1 (October, 1996) and the maximum rated heat input capacity of the emissions unit (in mmBtu/hr).

If required, compliance shall be determined in accordance with Test Methods 1-5, as set forth in "Appendix on Test Methods" in 40 CFR Part 60 ("Standards of Performance for New Stationary Sources").

c. Emission Limitations:

The PE, PM₁₀, CO, SO₂ and VOC emissions from this emissions unit shall not exceed 9.9 tons per year.

Applicable Compliance Method:

The emission limitations were based upon the emissions unit's uncontrolled potential to emit and the emission factors from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 3.3, Table 3.3-1 (October, 1996). Compliance with the annual emission limitations may be demonstrated by multiplying the lb/mmBtu values for PE, PM₁₀, SO₂, CO, and VOC (as TOC) by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), multiplying by 8760 hours per year and dividing by 2000 lbs/ton.

d. Emission Limitations:

The NO_x emissions from this emissions unit shall not exceed 9.9 tons per year.

Applicable Compliance Method:

The emissions limitation was based upon a voluntary restriction on the potential to emit and the emission factors, in lb/mmBtu, from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 3.3, Table 3.3-1 (October, 1996). Compliance with the annual emissions limitation may be demonstrated by multiplying the lb/mmBtu values for NO_x by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), multiplying by the ratio of the total gallons of fuel used to the maximum hourly fuel usage rate, and dividing by 2000 lbs/ton.

2. Compliance with the restriction in term and condition A.I.2.b.ii shall be demonstrated by the record keeping requirement in term and condition A.III.2.

VI. Miscellaneous Requirements

1. At the discretion and following the approval of the director, the permittee may relocate the portable source within the State of Ohio without first obtaining a permit to install (PTI) providing the appropriate notification and exemption requirements have been met. The director may issue a "Notice of Site Approval" through either of the following scenarios:
 - a. If future location(s) of the proposed portable source are unknown, the approval to relocate the portable source shall be in accordance with OAC rule 3745-31-03(A)(1)(p)(i) and the following criteria shall be met:
 - i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
 - ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;
 - iii. 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;
 - iii. 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 in violation of OAC rule 3745-15-07 and that 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; and
 - iv. the director has issued a "Notice of Site Approval", stating that the proposed site is acceptable under OAC rule 3745-15-07 and the relocation will not result in the installation of a major stationary source or a modification of an existing major stationary source.

The portable source can be relocated upon receipt of the director's "Notice of Site Approval" for the site; or

- b. Pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the director may issue a "Notice of Site Approval" for any pre-disclosed location(s) if the portable source meets the requirements of OAC rule 3745-31-05(E), as follows:

- i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
- ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;
- iii. the permittee has identified the proposed site(s) to the permitting District Office or local air agency;
- iv. the permitting District Office/local air agency and the District Office/Local air agency having jurisdiction over the new site have determined that the portable source will have an acceptable environmental impact at the proposed site(s);
- v. a public notice, meeting the requirements of OAC rule 3745-47, is published in the county where the proposed site(s) is/are located;
- vi. the owner of the proposed site(s) (if not the permittee) has provided the portable source owner with approval, or an equivalent declaration, that it is acceptable to move the portable source to the proposed site(s); and
- vii. the permittee has provided the Ohio EPA with a minimum of a 15-day written notice of the relocation.

The portable source can be relocated upon receipt of the director's "Notice of Site Approval" for the site. Any site approval(s) issued by the Ohio EPA, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal. Pursuant to OAC rule 3745-31-05(F), the director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

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 PTI 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.

The voluntary restrictions listed in Additional Term and Condition A.I.2.b of Permit to Install 14-06010 for emissions unit P020 are equivalent to Best Available Technology requirements under OAC rule 3745-31-05(A)(3), for nitrogen oxides (NO_x) emissions.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment - (P020) - John Deere 0.81 mmBtu/hr diesel engine

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
None	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

SIC CODE 4953 SCC CODE _____ EMISSIONS UNIT ID F018

EMISSIONS UNIT DESCRIPTION material storage piles

DATE INSTALLED _____

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	attainment	1.09	37.41	1.21	37.74
PM ₁₀	attainment	0.55	18.71	0.61	18.87
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? **Subpart 000** NESHAP? _____ PSD? _____ OFFSET POLICY? _____

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

Throughput limitation and compliance with specified emission limitations.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

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

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES X NO

IDENTIFY THE AIR CONTAMINANTS: _____

Rumpke Sanitary Landfill, Inc
PTI Application: 14-06010
Issued: 6/12/2008

Facility ID: 1431092049

SIC CODE 4953 SCC CODE 20200102 EMISSIONS UNIT ID P020

EMISSIONS UNIT DESCRIPTION John Deere 0.81 mmBtu/hr diesel engine

DATE INSTALLED 2008

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	attainment	0.25	0.47	0.25	0.47
PM ₁₀	attainment	0.25	0.47	0.25	0.47
Sulfur Dioxide	attainment	0.23	0.44	0.23	0.44
Organic Compounds	non-attainment	0.29	0.55	0.29	0.55
Nitrogen Oxides	attainment	3.57	6.69	3.57	6.69
Carbon Monoxide	attainment	0.77	1.44	0.77	1.44
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? _____ NESHAP? _____ PSD? _____ OFFSET POLICY? _____

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

Potential emissions are less than ten tons a year for all pollutants, therefore BAT does not apply.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

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

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES X NO

IDENTIFY THE AIR CONTAMINANTS: _____