



State of Ohio Environmental Protection Agency

**RE: DRAFT PERMIT TO INSTALL
HAMILTON COUNTY**

CERTIFIED MAIL

Street Address:

Mailing Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Lazarus Gov.
Center

Application No: 14-05916

Fac ID: 1431092049

DATE: 3/22/2007

Rumpke Sanitary Landfill, Inc
John Butler
10795 Hughes Rd
Cincinnati, OH 45251-4598

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

A Permit to Install may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install a fee of **\$3700** will be due. Please do not submit any payment now.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Sincerely,

Michael W. Ahern

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

CC: USEPA

HCDES

OH-KY-IN REG COUN OF GOVTS

KY

IN

PUBLIC NOTICE
OHIO ENVIRONMENTAL PROTECTION AGENCY
PUBLIC HEARING CONCERNING ISSUANCE
OF A MODIFICATION OF THE PREVIOUSLY
ISSUED AIR PERMIT TO INSTALL
TO RUMPKE SANITARY LANDFILL, INC.
CINCINNATI, OHIO

Public notice is hereby given that the Ohio Environmental Protection Agency (EPA) has issued on March 22, 2007 draft action of air permit-to-install (PTI) application number 14-05916 to Rumpke Sanitary Landfill, Inc. Due to recent changes in Ohio's air pollution control regulations of August, 2006, and the recent approval of a new U.S. EPA air dispersion computer software model that predicts air impacts of air contaminant sources, Rumpke has requested to be allowed to increase their previously allowed amount of composting throughput and to remove their daily mass emission operating limitations contained within their current air permit(s) at their facility located at 10795 Hughes Road in Cincinnati, Ohio. Rumpke will continue to be in compliance with both state and federal (PSD review) air dispersion modeling requirements.

The proposed allowable summary of air pollutant emission rates for the air contaminant sources contained within draft air PTI number 14-05916 are the following amounts:

<u>Pollutant</u>	<u>Tons/year</u>
Particulate Matter (PM)	7.22
Particulate Matter <10 microns (PM ₁₀)	2.48

PSD increment analyses:

PM₁₀: U.S. EPA allows sources to consume no more than the maximum available ambient PSD increments of 30 µg/m³ for the 24-hour averaging times. Ohio EPA allows PSD sources to consume less than one half the available increment, with some exceptions. In this case, the impact above one half the PSD increment for this source is localized. This facility has demonstrated that the revised 24-hour impacts from the existing already permitted air contaminant sources contained within the above mentioned draft air PTI using the current U.S. EPA approved model (AERMOD) are 17.69 µg/m³ compared to 24.95 µg/m³, which was the total in the original analyses which is less than the available increment stated above. The 24-hour increment consumption has been the constraining factor in the original analyses submitted and required Rumpke to accept daily mass emission restrictions in their previously issued air PTIs to show compliance with federal and state air dispersion modeling policies and regulations. Based on this revised analysis, the project still complies with the increment requirements for PM₁₀.

A public hearing for the draft air permit is scheduled for Wednesday May 16, 2007, at the Colerain Township Senior and Community Center at 4300 Springdale Road in Colerain Township, Ohio and will commence at 7:00 p.m. The public hearing provides an opportunity for citizens to submit comments on the draft air permit. A presiding officer will be present and may limit oral testimony to ensure that all parties are heard.

All interested persons are entitled to attend or be represented and give written or oral comments on

the draft permit at the hearing. Written comments must be received by the close of the business day on Tuesday, May 29, 2007. Comments received after this date will not be considered part of the official record.

Written comments may be submitted at the hearing or sent to: Peter Sturdevant of the Hamilton County Department of Environmental Services at 250 William Howard Taft Road, Cincinnati, Ohio 45219.

Copies of the draft air permit application and technical support information may be reviewed and/or copies made by first calling to make an appointment at the Hamilton County Department of Environmental Services, located at the above address, telephone number (513) 946-7777.



**Permit To Install
Terms and Conditions**

**Issue Date: To be entered upon final issuance
Effective Date: To be entered upon final issuance**

DRAFT PERMIT TO INSTALL 14-05916

Application Number: 14-05916
Facility ID: 1431092049
Permit Fee: **To be entered upon final issuance**
Name of Facility: Rumpke Sanitary Landfill, Inc
Person to Contact: John Butler
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):
75 tons/hr portable tub grinder, 25 tons/hr portable screener, composting operation storage piles, composting operation roadways - modification of PTI 14-05292.

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

Rumpke Sanitary Landfill, Inc
PTI Application: 14-05916
Issued: To be entered upon final issuance
Part I - GENERAL TERMS AND CONDITIONS

Facility ID: 1431092049

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

1. Monitoring and Related Recordkeeping and Reporting Requirements

- a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
 - i. The date, place (as defined in the permit), and time of sampling or measurements.
 - ii. The date(s) analyses were performed.
 - iii. The company or entity that performed the analyses.
 - iv. The analytical techniques or methods used.
 - v. The results of such analyses.
 - vi. The operating conditions existing at the time of sampling or measurement.
- b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
 - i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
 - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the appropriate Ohio EPA District Office or local air agency. The written

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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. See B.9 below if no deviations occurred during the quarter.

- iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted (i.e., postmarked) to the appropriate Ohio EPA District Office or local air agency every six months, by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
 - iv. If this permit is for an emissions unit located at a Title V facility, then each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.
- d. The permittee shall report actual emissions pursuant to OAC Chapter 3745-78 for the purpose of collecting Air Pollution Control Fees.

2. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to OAC rule 3745-15-06.

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

3. Risk Management Plans

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

4. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain,

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the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

5. Severability Clause

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

6. General Requirements

- a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and re-issuance, or modification
- b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c. This permit may be modified, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d. This permit does not convey any property rights of any sort, or any exclusive privilege.
- e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

7. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable permit-to-install fees within 30 days after the issuance of any permit-to-install. The

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permittee shall pay all applicable permit-to-operate fees within thirty days of the issuance of the invoice.

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8. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA and the State and by citizens (to the extent allowed by section 304 of the Act) under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

9. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.
- b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
 - i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
 - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.
 - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of

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the Ohio EPA. Progress reports shall contain the following:

- i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
- ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

10. Permit-To-Operate Application

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).
- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this permit is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the source(s) covered by this permit.

11. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

12. 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.

13. Permit-To-Install

A permit-to-install must be obtained pursuant to OAC Chapter 3745-31 prior to "installation" of "any air contaminant source" as defined in OAC rule 3745-31-01, or "modification", as defined in OAC rule 3745-31-01, of any emissions unit included in this permit.

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B. State Only Enforceable Permit-To-Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit 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 of state-only enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (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. Permit Transfers

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

4. Authorization To Install or Modify

If applicable, authorization to install or modify any new or existing emissions unit included in this permit shall terminate within eighteen months of the effective date of the permit if the owner or operator has not undertaken a continuing program of

Rumpke Sanitary Landfill, Inc**Facility ID: 1431092049****PTI Application: 14-05916****Issued: To be entered upon final issuance**

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.

5. Construction of New Sources(s)

This permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. This permit does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the application and terms and conditions of this permit. 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 this permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Issuance of this permit 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.

6. 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.

7. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

8. Construction Compliance Certification

If applicable, the applicant shall provide Ohio EPA with a written certification (see enclosed form if applicable) 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.

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

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If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly (i.e., postmarked), by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

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C. Permit-To-Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
PM	7.22
PM10	2.48

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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 - (F012) - 75 tons/hr portable tub grinder

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-17-08(B)	See Section A.I.2.b.
OAC rule 3745-17-07(B)(1)	Visible particulate emissions from any fugitive dust emissions point shall not exceed 20% opacity as a three-minute average.
OAC rule 3745-31-02(A)(2)	See Section A.II.1.
ORC 3704.03(T)(4)	See Section 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:

75 tons/hr portable tub grinder

- 2.b The permittee shall employ reasonably available control measures for the above-identified material handling operation for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee shall maintain the moisture content of material, which may include watering. Nothing in this paragraph shall prohibit the permittee from employing other equally effective control measures to ensure compliance.

- 2.c The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate and particulate matter 10 microns or less in diameter (PM10) emissions from this air contaminant source since the uncontrolled potential to emit for particulate and PM10 emissions is less than ten tons per year.

II. Operational Restrictions

1. The maximum annual material throughput rate for this emissions unit shall not exceed 60,000 tons.

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>
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75 tons/hr portable tub grinder	once daily during operation
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2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal 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

Emissions Unit ID: F012

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.

V. Testing Requirements

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

Emission Limitation:

Visible particulate emissions from any fugitive dust emissions point shall not exceed 20% opacity as a three-minute average.

Applicable Compliance Method:

If required, compliance with this emission limitation shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

2. Compliance with the throughput limitation in term A.II.1 shall be demonstrated by the record keeping in term A.III.5.
3. The mass emissions for applicability of OAC rule 3745-31-05(A)(3) were 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, as calculated from U.S. EPA's AP-42 Section 13.2.4, (November 2006) and U.S. EPA's FIRE Version 6.23. See emission calculations detailed in air permit-to-install (PTI) application number 14-05916 for specific emission factors (load-in, grinding, transfer, etc).

Emissions Unit ID: F012

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B = maximum annual throughput, in tons, at 8760 hours per year.

TPY = tons per year.

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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 exemption requirements have been met. 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:
 - a. the portable source is operating pursuant to a currently effective permit to install (PTI) and/or any applicable permit to operate (PTO) and continues to comply with the requirements of this permit and any applicable state and/or federal rules;
 - b. the portable source has been issued a PTI and the permittee continues to comply with the requirements of the permit including any applicable best available technology (BAT) determination;
 - c. the portable source owner has identified the proposed site(s) to the Ohio EPA;
 - d. the Ohio EPA has determined that the portable source will have an acceptable environmental impact at the proposed site(s);
 - e. a public notice, meeting the requirements OAC rule 3745-47, is published in the county where the proposed site(s) is/are located;
 - f. 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
 - g. 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 approvals 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.

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. If the relocation of the portable source would result in the installation of a major stationary source or the

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modification of a major stationary source, the permittee shall submit an application and obtain a PTI for the new location prior to moving the portable source. Also, 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.

* 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.

2. The permittee may relocate the portable source within the State of Ohio without first obtaining a permit to install (PTI) providing the appropriate exemption requirements have been met and following the approval of the director. The director may issue a "Notice of Site Approval" if the portable source meets the following criteria pursuant to OAC rule 3745-31-03(A)(1)(p)(i):
 - a. 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 and state and/or federal rules;
 - b. the portable source is operating pursuant to a currently effective PTI and/or any applicable permit to operate (PTO) and continues to comply with the requirements of the permit;
 - c. the permittee has provided a minimum of 30 days notice of the intent to relocate the portable source to the permitting authority (the Ohio EPA District Office or local air agency that has issued the effective current permit) prior to the scheduled relocation*;
 - d. the Ohio EPA district office or local air agency having jurisdiction over the new site has determined that the permitted emissions would not cause a nuisance in violation of OAC rule 3745-15-07; and the relocation of the portable source, along with any supporting permitted emissions (e.g. roadways or storage piles), would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site; and
 - e. 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.

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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.

* Even if notification of the proposed relocation is submitted 30 days prior to the scheduled relocation date, the emissions unit shall not be moved prior to receiving the "Notice of Site Approval".

3. The requirements outlined in OAC rule 3745-17-07(B)(1) and OAC rule 3745-17-08(B) which include terms and conditions A.I.2.b, A.III.1, A.III.2, A.III.3, A.III.4, A.IV.1 and A.V.1 are only applicable when this emissions unit is located in an Appendix A area as outlined in OAC rule 3745-17-08.
4. The terms and conditions listed in this Permit to Install shall supersede all the air pollution control requirements contained in Permit to Install 14-05292 as issued on June 10, 2004.

Issued: To be entered upon final issuance

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 - (F012) - 75 tons/hr portable tub grinder

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

Issued: To be entered upon final issuance

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 - (F013) - 50 tons/hr portable screener

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-17-08(B)	See Section A.I.2.b.
OAC rule 3745-17-07(B)(1)	Visible particulate emissions from any fugitive dust emissions point shall not exceed 20% opacity as a three-minute average.
OAC rule 3745-31-02(A)(2)	See Section A.II.1.
ORC 3704.03(T)(4)	See Section 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:

50 tons/hr portable screener

- 2.b The permittee shall employ reasonably available control measures for the above-identified material handling operation for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee shall maintain the moisture content of material, which may include watering. Nothing in this paragraph shall prohibit the permittee from employing other equally effective control measures to ensure compliance.
- 2.c The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate and PM10 emissions from this air contaminant source since the uncontrolled potential to emit for particulate and PM10 emissions is less than ten tons per year.

II. Operational Restrictions

1. The maximum annual material throughput rate for this emissions unit shall not exceed 60,000 tons.

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:

material handling operation

minimum inspection frequency

50 tons/hr portable screener

once daily during operation

2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal 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

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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.

V. Testing Requirements

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

Emission Limitation:

Visible particulate emissions from any fugitive dust emissions point shall not exceed 20% opacity as a three-minute average.

Applicable Compliance Method:

If required, compliance with this emission limitation shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

2. Compliance with the throughput limitation in term A.II.1 shall be demonstrated by the record keeping in term A.III.5.
3. The mass emissions for applicability of OAC rule 3745-31-05(A)(3) were determined using the following equations:

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

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TPY of PM10 = (A) x (B) x 1 ton/2,000 lbs

where:

A = PE or PM-10 emission factor, lb/ton, as calculated from U.S. EPA's AP-42, Section 13.2.4, (November 2006) and U.S. EPA's FIRE Version 6.23. See mass emission calculations detailed in air PTI application number 14-05916 for specific emission factors (load-in, grinding, transfer, etc).

B = maximum annual throughput, in tons, at 8760 hours per year.

TPY = tons per year.

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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 exemption requirements have been met. 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:
 - a. the portable source is operating pursuant to a currently effective permit to install (PTI) and/or any applicable permit to operate (PTO) and continues to comply with the requirements of this permit and any applicable state and/or federal rules;
 - b. the portable source has been issued a PTI and the permittee continues to comply with the requirements of the permit including any applicable best available technology (BAT) determination;
 - c. the portable source owner has identified the proposed site(s) to the Ohio EPA;
 - d. the Ohio EPA has determined that the portable source will have an acceptable environmental impact at the proposed site(s);
 - e. a public notice, meeting the requirements OAC rule 3745-47, is published in the county where the proposed site(s) is/are located;
 - f. 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
 - g. 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 approvals 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.

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. If the relocation of the portable source would result in the installation of a major stationary source or the

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modification of a major stationary source, the permittee shall submit an application and obtain a PTI for the new location prior to moving the portable source. Also, 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.

* 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.

2. The permittee may relocate the portable source within the State of Ohio without first obtaining a permit to install (PTI) providing the appropriate exemption requirements have been met and following the approval of the director. The director may issue a "Notice of Site Approval" if the portable source meets the following criteria pursuant to OAC rule 3745-31-03(A)(1)(p)(i):
 - a. 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 and state and/or federal rules;
 - b. the portable source is operating pursuant to a currently effective PTI and/or any applicable permit to operate (PTO) and continues to comply with the requirements of the permit;
 - c. the permittee has provided a minimum of 30 days notice of the intent to relocate the portable source to the permitting authority (the Ohio EPA District Office or local air agency that has issued the effective current permit) prior to the scheduled relocation*;
 - d. the Ohio EPA district office or local air agency having jurisdiction over the new site has determined that the permitted emissions would not cause a nuisance in violation of OAC rule 3745-15-07; and the relocation of the portable source, along with any supporting permitted emissions (e.g. roadways or storage piles), would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site; and
 - e. 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.

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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.

* Even if notification of the proposed relocation is submitted 30 days prior to the scheduled relocation date, the emissions unit shall not be moved prior to receiving the "Notice of Site Approval".

3. The requirements outlined in OAC rule 3745-17-07(B)(1) and OAC rule 3745-17-08(B) which include terms and conditions A.I.2.b, A.III.1, A.III.2, A.III.3, A.III.4, A.IV.1 and A.V.1 are only applicable when this emissions unit is located in an Appendix A area as outlined in OAC rule 3745-17-08.
4. The terms and conditions listed in this Permit to Install shall supersede all the air pollution control requirements contained in Permit to Install 14-05292 as issued on June 10, 2004.

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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 - (F013) - 50 tons/hr portable 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

Issued: To be entered upon final issuance

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 - (F014) - composting operation storage piles

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-02(A)(2)	See Sections A.II.1, A.II.2 and A.II.3.
ORC 3704.03(T)(4)	See Section A.I.2.b.

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:

composting storage piles (windrows) containing composting materials with similar characteristics.

- 2.b The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate and PM10 emissions from this air contaminant source since the uncontrolled potential to emit for particulate and PM10 emissions is less than ten tons per year.

- 2.c This facility is not located in an Appendix A area as described in OAC rule 3745-17-08; therefore, OAC rules 3745-17-07(B) and 3745-17-08(B) do not apply to the fugitive emissions from this emissions unit.

II. Operational Restrictions

1. The maximum annual compost storage piles and windrows incoming material load-in for this emissions unit shall not exceed 60,000 tons.
2. The maximum annual final product load-out for this emissions unit shall not exceed

Emissions Unit ID: F014

90,000 tons.

3. The maximum exposed compost storage pile and windrow surface area shall not exceed 4.26 acres.

III. Monitoring and/or Record keeping Requirements

1. The permittee shall maintain monthly records of the total amount of incoming material throughput (load-in), final product throughput (load-out) and the calculated compost storage pile and windrow exposed surface area in this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit annual reports that specify the total amount of incoming material throughput (load-in), final product throughput (load-out) and exposed compost storage pile and windrow surface area for this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year.
2. The permittee shall submit quarterly deviation reports that identify any of the following occurrences:
 - a. any exceedance of the exposed compost storage pile and windrow surface area in term A.II.3.

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. The mass emissions for applicability of OAC rule 3745-31-05(A)(3) were determined using the following equations:

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

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

where:

A = PM 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 PM or PM-10 emission factor (lb/day/acre), as calculated from the U.S. EPA's Best Available Control Measures (BACM) document Equation 2-12. See emission calculations detailed in air PTI application number 14-05916 for specific emission factors (load-in, load-out, turning, wind erosion, etc).

B = total annual throughput, in tons, at 8760 hours per year.

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TPY = tons per year.

2. Compliance with the limitations specified in Sections A.II.1, A.II.2 and A.II.3 shall be determined by the record keeping requirements in Section A.III.1.

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VI. Miscellaneous Requirements

1. The terms and conditions listed in this Permit to Install shall supersede all the air pollution control requirements contained in Permit- to- Install number 14-05292 as issued on June 10, 2004.

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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 - (F014) - composting operation 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 - (F015) - composting operation roadways

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-02(A)(2)	See Sections A.I.2.a through A.I.2.f.

2. Additional Terms and Conditions

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

paved roadways:

paved roadway 1, concrete; and
paved roadway 2, asphalt.

The unpaved roadways that are covered by this permit and subject to the above-mentioned requirements are listed below:

unpaved roadways:

unpaved roadway 1, gravel; and
unpaved roadway 2, gravel.

- 2.b The permittee shall employ reasonably available control measures on all paved and unpaved roadways for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the paved roadways with water flushing and sweeping, and the unpaved roadways with water or other dust suppressant chemicals at sufficient treatment frequencies to ensure compliance. When necessary to prevent the carry out of earth or other materials onto public roadways, all trucks exiting the unpaved landfill roadways shall travel through the wheel wash located before the scale area. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure

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compliance.

- 2.c** The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for a paved or an unpaved roadway that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- 2.d** The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.
- 2.e** Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.
- 2.f** Permit to Install number 14-05916 for this air contaminant source takes into account the following voluntary restrictions (including the use of any applicable air pollution control equipment) as proposed by the permittee for the purpose of avoiding Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3):
 - a. The use of watering or dust suppressant chemicals on the unpaved roadways.
 - b. The use of water flushing and sweeping on the paved roadways.
- 2.g** This facility is not located in an Appendix A area as described in OAC rule 3745-17-08; therefore, OAC rules 3745-17-07(B) and 3745-17-08(B) do not apply to the fugitive emissions from this emissions unit.

II. Operational Restrictions

None

III. Monitoring and/or Record keeping Requirements

Emissions Unit ID: F015

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

paved roadways

minimum inspection frequency

paved roadway 1, concrete
paved roadway 2, asphalt

once daily when in use
once daily when in use

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unpaved roadways

minimum inspection frequency

unpaved roadway 1, gravel

once daily when in use

unpaved roadway 2, gravel

once daily when in use.

2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
3. The permittee may, upon receipt of written approval from the 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, 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 the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in 4.d shall be kept separately for (i) the paved roadways and (ii) the unpaved roadways, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

IV. Reporting Requirements

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

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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.

V. Testing Requirements

1. The mass emissions for applicability of OAC rule 3745-31-05(A)(3) were determined using the following equations:

$$\begin{aligned} \text{TPY of PE} &= (A) \times (B) \times (1-C) \times 1 \text{ ton}/2000 \text{ lbs} \\ \text{TPY PM-10} &= (A) \times (B) \times (1-C) \times 1 \text{ ton}/2000 \text{ lbs} \end{aligned}$$

where,

$$\begin{aligned} A &= \text{PM or PM-10 emission factor, lb/vehicle mile travel (VMT),} \\ &\quad \text{calculated from U.S. EPA document AP-42, Sections 13.2.1 and} \\ &\quad \text{13.2.2} \\ &\quad \text{(December, 2003);} \\ B &= \text{annual vehicle miles traveled (VMT);} \\ C &= \text{control efficiency of 94\% and 95\%, for paved and unpaved,} \\ &\quad \text{respectively, from operational parameters outlined in air PTI} \\ &\quad \text{application number 14- 5916, submitted January 16, 2007; and} \\ \text{TPY} &= \text{tons per year.} \end{aligned}$$

VI. Miscellaneous Requirements

1. The terms and conditions listed in this Permit to Install shall supersede all the air pollution control requirements contained in Permit to Install 14-05292 as issued on June 10, 2004.

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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 - (F015) - composting operation roadways

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

2. **Additional Terms and Conditions**

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

NEW SOURCE REVIEW FORM B

PTI Number: 14-05916 Facility ID: 1431092049
 FACILITY NAME Rumpke Sanitary Landfill, Inc
 FACILITY DESCRIPTION municipal solid waste landfill CITY/TWP Cincinnati
 SIC CODE 4953 SCC CODE 5-01-004-01 EMISSIONS UNIT ID F012
 EMISSIONS UNIT DESCRIPTION 75 tons/hr portable tub grinder
 DATE INSTALLED 2007

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	1.01	0.15	1.51	0.61
PM ₁₀	attainment	0.56	0.08	0.83	0.33
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? **Y** OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?
 Potential emissions are below 10 tons per year, 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: _____

NEW SOURCE REVIEW FORM B

PTI Number: 14-05916 Facility ID: 1431092049

FACILITY NAME Rumpke Sanitary Landfill, Inc

FACILITY DESCRIPTION municipal solid waste landfill CITY/TWP Cincinnati

Emissions Unit ID: F015

SIC CODE 4953 SCC CODE 5-01-004-02 EMISSIONS UNIT ID F013

EMISSIONS UNIT DESCRIPTION 50 tons/hr portable screener

DATE INSTALLED 2007

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	0.50	0.15	1.01	0.61
PM ₁₀	attainment	0.28	0.08	0.56	0.33
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? Y OFFSET POLICY?

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

Potential emissions are below 10 tons per year, 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: _____

NE
P1
FA

Emissions Unit ID: F015

FACILITY DESCRIPTION municipal solid waste landfill CITY/TWP Cincinnati

SIC CODE 4953 SCC CODE 5-01-004-02 EMISSIONS UNIT ID F014

EMISSIONS UNIT DESCRIPTION composting operation storage piles

DATE INSTALLED 2007

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		1.06		1.07
PM ₁₀	attainment		0.53		0.53
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? **Y** OFFSET POLICY?

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

Potential emissions are below 10 tons per year, 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: _____

4 NEW SOURCE REVIEW FORM B

PTI Number: 14-05916 Facility ID: 1431092049

FACILITY NAME Rumpke Sanitary Landfill, Inc

FACILITY DESCRIPTION municipal solid waste landfill CITY/TWP Cincinnati

Emissions Unit ID: F015

SIC CODE 4953 SCC CODE 5-01-004-02 EMISSIONS UNIT ID F015

EMISSIONS UNIT DESCRIPTION composting operation roadways

DATE INSTALLED 2007

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		4.93		4.93
PM ₁₀	attainment		1.29		1.29
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? **Y** OFFSET POLICY?

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

Potential controlled emissions are below 10 tons per year, 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: _____