



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center  
122 S. Front Street  
Columbus, OH 43215

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

Mailing Address:

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

11/27/02

**CERTIFIED MAIL**

**RE: Preliminary Proposed Title V  
Chapter 3745-77 permit**

08-57-04-3008  
Stony Hollow Recycling and Disposal Facility  
Greg Meyer  
2250 Sandridge Drive  
Dayton, OH 45439

Dear Greg Meyer:

Enclosed is the Ohio EPA Preliminary Proposed Title V permit that was issued in draft form on 01/31/00. The comment period for the Draft permit has ended. We are now ready to submit this permit to USEPA for approval.

We are submitting this for your review and comment. If you do not agree with the Preliminary Proposed Title V permit as written, you now have the opportunity to raise your concerns. **Please submit, in writing, any comments you may have within fourteen (14) days from your receipt of this letter to:**

Ohio Environmental Protection Agency  
Jim Orlemann, Manager, Engineering Section  
Division of Air Pollution Control  
P.O.Box 1049  
Columbus, OH 43216-1049

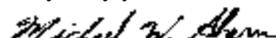
and

RAPCA  
117 South Main Street  
Dayton, OH 45422-1280  
(937) 225-4435

Also, if you believe that it is necessary to have an informal conference with us, then, as part of your written comments, you should request a conference concerning the written comments.

If comments are not submitted within fourteen (14) days of your receipt of this letter, we will forward the proposed permit to USEPA for approval. All comments received will be carefully considered before proceeding to the proposed permit.

Very truly yours,

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

cc: RAPCA  
File, DAPC PMU



State of Ohio Environmental Protection Agency

**PRELIMINARY PROPOSED TITLE V PERMIT**

Issue Date: 11/27/02	Effective Date: To be entered upon final issuance	Expiration Date: To be entered upon final issuance
----------------------	---------------------------------------------------	----------------------------------------------------

This document constitutes issuance of a Title V permit for Facility ID: 08-57-04-3008 to:  
 Stony Hollow Recycling and Disposal Facility  
 2460 South Gettysburg Road  
 Dayton, OH 45418-2323

**Emissions Unit ID (Company ID)/Emissions Unit Activity Description**

F001 (Roadways and Parking Areas) Vehicle traffic on facility roadways	Refuse storage operations	Solidification process of liquid waste
P001 (Landfill Operations)	P003 (Solidification Process)	

You will be contacted approximately eighteen (18) months prior to the expiration date regarding the renewal of this permit. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency listed below. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-04(A) and in accordance with the terms of this permit beyond the expiration date, provided that a complete renewal application is submitted no earlier than eighteen (18) months and no later than one-hundred eighty (180) days prior to the expiration date.

Described below is the current Ohio EPA District Office or local air agency that is responsible for processing and administering your Title V permit:

RAPCA  
 117 South Main Street  
 Dayton, OH 45422-1280  
 (937) 225-4435

**OHIO ENVIRONMENTAL PROTECTION AGENCY**

---

Christopher Jones  
 Director

## **PART I - GENERAL TERMS AND CONDITIONS**

### ***A. State and Federally Enforceable Section***

#### **1. Monitoring and Related Record Keeping 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.  
*(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))*
  
- 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 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.  
*(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))*
  
- c. The permittee shall submit required reports in the following manner:
  - i. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.  
*(Authority for term: OAC rule 3745-77-07(A)(3)(c))*
  - ii. **For emission limitations, operational restrictions, and control device operating parameter limitations:**
    - (a) Written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring and record keeping requirements specified in this permit; (ii) the probable cause of such deviations; and (iii) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Part III of this Title V permit, the written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year, and shall cover the previous calendar quarters. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of

each deviation. These written reports shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations. See B.6 below if no deviations occurred during the quarter.

*(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i), (ii) and (iii))*

- (b) Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the deviation reporting requirements for this Title V permit, written reports that identify each malfunction that occurred during each calendar quarter shall be submitted, at a minimum, quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year, and shall cover the previous calendar quarters.

In identifying each deviation caused by a malfunction, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Also, if a deviation caused by a malfunction is identified in a written report submitted pursuant to paragraph (a) above, a separate report is not required for that malfunction pursuant to this paragraph. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing, at a minimum, on a quarterly basis.

Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation, operational restriction, and control device operating parameter limitation shall be reported in the same manner as described above for malfunctions. These written reports for malfunctions (and scheduled maintenance projects, if appropriate) shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations.

*(Authority for term: OAC rules 3745-77-07(A)(3)(c)(iii))*

iii. **For monitoring, record keeping, and reporting requirements:**

Written reports that identify any deviations from the federally enforceable monitoring, record keeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year, for the previous six calendar months. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. These semi-annual written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the reporting of any deviations related to the monitoring, record keeping, and

reporting requirements. 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.

*(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii))*

- iv. 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 (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."

*(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))*

## **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 of any emissions unit(s) 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 OAC rule 3745-15-06, 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).

*(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iii))*

## **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.

*(Authority for term: OAC rule 3745-77-07(A)(4))*

## **4. Title IV Provisions**

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

*(Authority for term: OAC rule 3745-77-07(A)(5))*

## **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.

*(Authority for term: OAC rule 3745-77-07(A)(6))*

## **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 reissuance, or modification, or for denial of a permit renewal application.

- 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, reopened, revoked, or revoked and reissued, for cause, in accordance with A.10 below. 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, reopening 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.

*(Authority for term: OAC rule 3745-77-07(A)(7))*

**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.

*(Authority for term: OAC rule 3745-77-07(A)(8))*

**8. Marketable Permit Programs**

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.

*(Authority for term: OAC rule 3745-77-07(A)(9))*

**9. Reasonably Anticipated Operating Scenarios**

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these general terms and conditions shall apply to all operating scenarios authorized in this permit.

*(Authority for term: OAC rule 3745-77-07(A)(10))*

**10. Reopening for Cause**

This Title V permit will be reopened prior to its expiration date under the following conditions:

- a. Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.
- b. This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.
- c. The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.
- d. The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.  
*(Authority for term: OAC rules 3745-77-07(A)(12) and 3745-77-08(D))*

## **11. Federal and State Enforceability**

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of 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, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

*(Authority for term: OAC rule 3745-77-07(B))*

## **12. Compliance Requirements**

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V 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 paragraph (E) of OAC rule 3745-77-03.
  - 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 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.
- d. Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:
- i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.
  - ii. Compliance certifications shall include the following:
    - (a) An identification of each term or condition of this permit that is the basis of the certification.
    - (b) The permittee's current compliance status.
    - (c) Whether compliance was continuous or intermittent.
    - (d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.
    - (e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.
  - iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

*(Authority for term: OAC rules 3745-77-07(C)(1),(2),(4) and (5) and ORC section 3704.03(L))*

### **13. Permit Shield**

- a. Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be

deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.

- b. This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

*(Authority for term: OAC rule 3745-77-07(F))*

#### **14. Operational Flexibility**

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).

*(Authority for term: OAC rules 3745-77-07(H)(1) and (2))*

#### **15. Emergencies**

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.

*(Authority for term: OAC rule 3745-77-07(G))*

#### **16. Off-Permit Changes**

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

- a. The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition.
- b. The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA, except that no such notice shall be required for changes that qualify as insignificant emission levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.

- c. The change shall not qualify for the permit shield under OAC rule 3745-77-07(F).
- d. The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.
- e. The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit to install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.

(For purposes of clarification, the permittee can refer to Engineering Guide #63 that is available in the STARSHIP software package.)

*(Authority for term: OAC rule 3745-77-07(I))*

#### **17. Compliance Method Requirements**

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.

*(This term is provided for informational purposes only.)*

#### **18. Insignificant Activities**

Each insignificant activity that has one or more applicable requirements shall comply with those applicable requirements.

*(Authority for term: OAC rule 3745-77-07(A)(1))*

#### **19. Permit to Install Requirement**

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

*(Authority for term: OAC rule 3745-77-07(A)(1))*

#### **20. 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.

*(Authority for term: OAC rule 3745-77-07(A)(1))*

#### **B. State Only Enforceable Section**

## **1. Reporting Requirements Related to Monitoring and Record Keeping Requirements**

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or record keeping 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 (i) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) 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. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

## **2. 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.

## **3. 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.

## **4. 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).

**5. 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.

**6. 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)**

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

## **Part II - Specific Facility Terms and Conditions**

### **A. State and Federally Enforcable Section**

1. The only storage piles authorized by this permit are those identified in emissions unit F002 (which is an insignificant emissions unit). Furthermore, the permit does not authorize the permittee to establish and maintain any more storage piles at this facility.

### **B. State Only Enforceable Section**

1. The following insignificant emissions units are located at this facility:

P002: Soil Mixing

F002: Aggregate Storage Piles

F003: Blasting, Mining and Aggregate Transfer, and Loading

Z001: Leachate Collection

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within the Permit to Install for the emissions unit.

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

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** Roadways and Parking Areas (F001)

**Activity Description:** Vehicle traffic on facility roadways

#### A. State and Federally Enforceable Section

##### I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
paved and unpaved roadways and parking areas	OAC rule 3745-31-05 (A)(3) PTI 08-2758	Particulate emissions (PE) shall not exceed 22.66 tons per year.
		reasonable available control measures in addition to specific control requirements to eliminate or minimize fugitive dust (See Section A.1.2.a. thru A.1.2.j.)
	OAC rule 3745-17-07(B)(4)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 (B) (4), 3745-17-07 (B) (5), and 3745-17-08 (B).
	OAC rule 3745-17-07(B)(5)	There shall be no visible PE from any paved roadway or parking area except for a period of time not to exceed 6 minutes during any sixty-minute observation period.
	OAC rule 3745-17-08(B)	There shall be no visible PE from any unpaved roadway or parking area except for a period of time not to exceed 13 minutes during any sixty-minute observation period.
		The control measures specified by this rule are less stringent than the control measures established pursuant to OAC rule 3745-31-05 (A)(3)

## 2. Additional Terms and Conditions

- 2.a** The permittee shall employ reasonably available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's "Work Practice Plan"\* and enhancements included with the permit application, the permittee has committed to treat the paved roadways and parking areas as follows:
- i. **Traffic Speeds** - Vehicular traffic on all paved roadways shall be limited to a maximum speed of 10 miles per hour. Speed limit signs shall be posted near the site entrance, and the posted speed limit shall be enforced by facility personnel.
  - ii. **Truck Loads** - Trucks shall remain covered until they reach the active fill area.
  - iii. **Street Sweeper** - A street sweeper shall be used on a daily basis, weather-permitting, on all paved roadways and parking areas. The sweeper will be equipped with a dust collector or water spray system to control emissions during the sweeping process. Sweeping of paved roadways and parking areas may be suspended when paved roadways and parking areas are visibly wetted as a result of precipitation or watering, or when the paved roadways are covered with snow and/or ice, or when temperatures are at or below 35 degrees Fahrenheit.
- 2.b** Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled using water flushing and sweeping. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas specified in OAC rule 3745-17-07(B)(4).
- 2.c** 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.d** **Good Housekeeping** - Sediments deposited on paved roadways shall be removed in a timely manner. Paved roadways shall be washed as needed but no less frequently than daily to minimize the buildup of sediments. The washing of paved roadways and parking areas may be suspended when paved roadways and parking areas are visibly wetted as a result of precipitation or watering, or when the paved roadways and parking areas are covered with snow, and/or ice, or when the ambient temperature is at or below 35 degrees Fahrenheit. Waste sediments shall be disposed in accordance with applicable regulations.
- 2.e** **Storm Water Runoff and Run On** - Vegetation near paved roadways shall be maintained to prevent the erosion of soils and storm water run onto paved roadways and parking areas. Gravel and/or soil shall be added in unpaved areas that exhibit ponding or rutting to maintain drainage away from paved roadways and parking areas.
- 2.f** **Curbing** - Curbing shall be maintained along the edges of the paved roadways to prevent tracking of soil sediment from the unpaved shoulder areas. Controls shall include, but not limited, to the following: placement of cones and/or bumpers; painting the paved road and parking area one to two feet from the edge with a stripe; installation of caution signs.
- 2.g** **Wheel Wash Station** - All trash vehicles shall drive through the wheel wash station before exiting the site. This operation may be suspended if ambient temperatures are at or below 35 degrees Fahrenheit. The facility shall maintain the wheel wash station.
- 2.h** **Roadway Maintenance** - The facility shall maintain all paved roadways. Repairs to paved roadways and parking areas shall be made in a timely manner.

## **2. Additional Terms and Conditions (continued)**

- 2.i** The permittee shall employ reasonably available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the company's Work Practice Plan \*, and enhancements, the permittee has committed to treat the unpaved roadways and parking areas as follow:
- i. Traffic Speeds - Vehicular traffic on all unpaved roadways and parking areas shall be limited to a maximum speed of 10 miles per hour. Speed limit signs shall be posted near the site entrance and the posted speed limit shall be enforced by facility personnel.
  - ii. Water and/or other suitable dust suppression materials shall be applied on a daily basis to all unpaved roadways and parking areas. Watering of unpaved roadways and parking areas may be suspended when unpaved roadways and parking areas are visibly wetted as a result of precipitation or watering, or when the unpaved roadways and parking areas are covered with snow, and/or ice, or when temperatures are at or below 35 degrees F.
  - iii. Vehicle Maintenance - The facility shall maintain all trucks that are used to apply water or other suitable dust suppression materials.
  - iv. Roadway Maintenance - The facility shall maintain all unpaved roadways and parking areas, including but not limited to, gravel and/or soil added to unpaved roadways and parking areas that exhibit ponding or rutting to maintain positive drainage. Repairs to unpaved roadways and parking areas shall be made in a timely manner.
- 2.j** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-17-08.

\* the " Work Practice Plan" submitted to the Ohio EPA and the RAPCA dated June 18, 1997

## **II. Operational Restrictions**

**None**

## **III. Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain monthly records of the following information for this emissions unit:
  - a. identification of each day during which the wheel wash system was not operated;
  - b. identification of each day during which sweeping operations were not performed;
  - c. identification of each day during which water and/or other suitable dust suppression materials were applied and all the area(s) where such measures were employed for both paved and unpaved areas; and
  - d. identification of each day during which fugitive dust control measures were not implemented and the reason(s) why such control measures were not implemented.

**III. Monitoring and/or Record Keeping Requirements (continued)**

2. The permittee shall maintain a monthly log of the following information for this emissions unit:
- a. all repairs and/or maintenance to the wheel wash station;
  - b. all repairs and/or maintenance on the paved roadways;
  - c. all repairs and/or maintenance to vehicles used to apply water or other suitable dust suppression materials;  
and
  - d. all repairs and/or maintenance to the unpaved roadways.

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

paved roadways                      minimum inspection frequency

all                                              twice daily

paved parking areas                      minimum inspection frequency

all                                              twice daily

unpaved roadways                      minimum inspection frequency

all                                              twice daily

unpaved parking areas                      minimum inspection frequency

all                                              twice daily

4. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

The permittee may, upon receipt of written approval from the RAPCA, 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.

### **III. Monitoring and/or Record Keeping Requirements (continued)**

5. 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 5.d. 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 reports that identify all of the following occurrences :
  - a. all records of repairs and/or maintenance to vehicles used to apply water or other suitable dust suppression materials;
  - b. all records of repairs and/or maintenance to paved and unpaved roadways and parking areas;
  - c. all days during which the wheel system was not operated and the reason(s) the wheel system was not operated; and
  - d. all days during which sweeping operations were not performed and the reason(s) sweeping operations were not performed.

The written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarter.

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

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

### **V. Testing Requirements**

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

## V. Testing Requirements (continued)

- 1.a** Emission Limitation:  
PE shall not exceed 22.66 tons per year

Applicable Compliance Method:  
Compliance may be determined as follows:

- i. Multiply the emission factor {pounds per vehicle mile traveled (VMT)} for paved roadways derived from equation 1 in Chapter 13.2.1 of AP-42, Compilation of Air Pollution Emission Factors, Volume I: Stationary Point and Area Sources; Fifth Edition, 1996 (updated 10/97) by the actual VMT during the calendar year and by a control factor of  $(1 - 0.75)$  for the application of water and sweeping, and then dividing by 2000.
- ii. Multiply the emission factor (pounds per vehicle mile traveled) for unpaved roadways derived from equation 2 in Chapter 13.2.2 of AP-42, Compilation of Air Pollution Emission Factors, Volume I: Stationary Point and Area Sources; Fifth Edition, 1996 (updated 9/98), by the actual VMT during the calendar year and by a control factor of  $(1 - 0.75)$  for the application of water and/or other suitable dust suppression, and then dividing by 2000.
- iii. sum i + ii above.

\* the control efficiency for the application of water and sweeping is assumed to be 75%

- 1.b** Emission Limitation:  
No visible PE from any paved roadway or parking area, except for 6 minutes during any 60-minute period.

Applicable Compliance Method:  
Compliance with the emission limitation for the paved roadways and parking areas identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

- 1.c** Emission Limitation:  
No visible PE from any unpaved roadway or parking area, except for 13 minutes during any 60-minute period.

Applicable Compliance Method:  
Compliance with the emission limitation for the unpaved roadways and parking areas identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

## VI. Miscellaneous Requirements

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---------------------------------------------------	-------------------------------------------	------------------------------------------------------------------

**2. Additional Terms and Conditions**

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**Part III - Terms and Conditions for Emissions Units**

**Emissions Unit ID:** Landfill Operations (P001)  
**Activity Description:** Refuse storage operations

**A. State and Federally Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
MSW Landfill Operations which can accept asbestos-containing waste materials and has a calculated NMOC emission rate less than 50 megagrams per year	OAC rule 3745-31-05 (A)(3) PTI No. 08-2758	See Sections A.I.2.d. thru A.I.2.i.
	OAC rule 3745-17-07(B)(1)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(B), 40 CFR, Part 60, Subpart WWW and OAC Chapter 3745-20 and the NESHAP (40 CFR Part 61, Subparts A and M). Visible emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average, from all waste materials, except asbestos-containing materials.
	OAC rule 3745-17-08(B)	The control measure specified by this rule are less stringent than the control measures established pursuant to OAC rule 3745-31-05 (A)(3)
	40 CFR Part 60, Subpart WWW OAC Chapter 3745-20 and the NESHAP (40 CFR Part 61, Subparts A and M)	See A.I.2.a. through A.I.2.c. below. See A.I.2.j. through A.I.2.p. below.

## **2. Additional Terms and Conditions**

- 2.a** The permittee shall comply with 40 CFR Part 60.752(b)(2) or calculate the NMOC emission rate for the landfill using the procedures specified in 40 CFR Part 60.754. If the calculated NMOC emission rate is less than 50 megagrams (55 tons) per year, the owner or operator shall:
- i. submit an annual emission report to the Administrator and RAPCA, except as provided in 40 CFR Part 60.757(b)(1)(ii); and
  - ii. recalculate the NMOC emission rate annually using the procedures specified in 40 CFR Part 60.754(a)(1) until such a time that the calculated NMOC emission rate is equal to or greater than 50 megagrams (55 tons) per year, or the landfill is closed.
- 2.b** If the calculated NMOC emission rate is equal to or greater than 50 megagrams (55 tons) per year, the owner or operator shall:
- i. Submit a collection and control system design plan prepared by a professional engineer to the Administrator and RAPCA within 1 year. The collection and control system design plan shall satisfy the requirements as specified in 40 CFR Part 60.752(b)(2)(i).
  - ii. Install a collection and control system within 18 months of the submittal of the aforementioned design plan.
- 2.c** The active collection system shall satisfy the following requirements, as specified in 40 CFR Part 60.752(b)(2)(ii)(A):
- i. The system shall be designed to handle the maximum expected gas flow rate from the entire area of the landfill that warrants control over the intended use period of the gas control or treatment system equipment.
  - ii. The system shall collect gas from each area, cell, or group of cells in the landfill in which the initial solid waste has been placed for a period of 5 years or more.
  - iii. The system shall collect gas at a sufficient extraction rate.
  - iv. The system shall be designed to minimize off-site migration of subsurface gases.
- 2.d** The landfill areas that are covered by this permit and subject to the requirements of OAC rule 3745-17-08 include all landfill areas where solid wastes are deposited.
- 2.e** The permittee shall employ reasonably available control measures (RACM) on all landfill operations associated with load-in of MSW for the purpose of ensuring compliance with the above-mentioned applicable requirements. The RACM shall include, but not be limited to, minimizing drop heights and watering of dusty materials, either prior to dumping or during dumping, and good operating practices to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.f** The above-mentioned control measures shall be employed for each MSW landfill cell if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during any such operation until further observation confirms that use of the measures is unnecessary.
- 2.g** The permittee shall employ RACM for wind erosion from the surface of the landfill for the purpose of ensuring compliance with the above-mentioned requirements. The RACM shall include, but not be limited to, the watering of portions of the landfill surface area and the watering of dusty loads prior to dumping during periods of high wind speed to ensure compliance.

## 2. Additional Terms and Conditions (continued)

- 2.h** The above-mentioned control measures shall be for wind erosion from the landfill if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measures shall not be necessary for the landfill cell 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.i** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-17-08.
- 2.j** There shall be no visible emissions from asbestos-containing materials during on-site transportation, transfer, unloading, deposition or compacting operations.
- 2.k** Deposition and burial operations shall be conducted in a careful manner that prevents asbestos-containing waste materials from being broken up or dispersed before the materials are buried.
- 2.l** The permittee shall establish restricted access, adequate to deter the unauthorized entry of the general public and any unauthorized personnel, within 100 feet of the unloading, deposition, and burial areas of the asbestos-containing waste materials. A hazard warning shall be displayed on signs not less than 20 x 14 inches in size, posted so they are visible before entering an area with asbestos waste disposal operations in progress; or, alternatively, mark vehicles used to transport asbestos-containing waste materials with 21 x 14 inch signs so that the signs are displayed in such a manner and location that a person can easily read the legend. Display the following legend in the lower panel with letter sizes and styles of a visibility at least equal to those specified in this paragraph.

Legend:

DANGER  
ASBESTOS DUST HAZARD  
CANCER AND LUNG DISEASE HAZARD  
Authorized Personnel Only

Notation

2.5 cm (1 inch) Sans Serif, Gothic or Block  
2.5 cm (1 inch) Sans Serif, Gothic or Block  
1.9 cm (3/4 inch) Sans Serif, Gothic or Block  
14 Point Gothic

Spacing between any two lines must be at least equal to the height of the upper two lines.

- 2.m** The permittee shall cover and compact asbestos wastes in accordance with the following:
- i. As soon as practical after the placement of friable asbestos, but no later than the end of each working day, the asbestos-containing waste materials deposited at the site during the operating day shall be covered with at least 12 inches of non-asbestos-containing materials. Once the asbestos-containing materials are covered, the area may be compacted.
  - ii. Care shall be taken to ensure that disposed asbestos shall not be re-excavated in subsequent operations. Any accidentally exposed material shall be immediately covered in accordance with the provisions of condition (m)(i) above.
  - iii. Asbestos-containing waste materials shall be separated from the landfill final grade by no less than 24 inches of compacted non-asbestos-containing materials and a permanent cover of vegetation, or in accordance with current requirements for closure, whichever is most stringent.

## **2. Additional Terms and Conditions (continued)**

- 2.n** This facility shall implement and maintain an "Asbestos Disposal Operating Procedure and Spill Contingency Plan" (Plan) consisting of: authorized personnel training, inspection and disposal operating procedures, non-conforming load response procedures, inventory and maintenance procedures for safety and emission control equipment, record keeping procedures and emergency notification procedures. Authorized personnel shall be knowledgeable in the procedures, and the Plan shall be available for inspection at this facility at all times.
- 2.o** This facility shall have emission control equipment available for wetting and containing asbestos in the event of a release or non-conforming load disposal. All equipment required to implement the Plan shall be maintained in accordance with good engineering practices to ensure equipment is in a ready-to-use condition, and in an appropriate location for use.
- 2.p** This facility shall require that all waste shipments received from NESHAP regulated facilities as defined in 40 CFR 61.141, be accompanied by a Waste Shipment Record as described in 40 CFR 61.150(d)(1). Shipments less than one cubic yard generated by residential sources may be exempted. The waste shipment record forms shall be retained at the facility for at least two years, and shall be made available for inspection upon request.

The waste shipment records shall include, but not be limited to, the following information:

- i. the name, address and telephone number of the waste generator;
  - ii. the name, address and telephone number of the transporter;
  - iii. the quantity of asbestos-containing waste material, in cubic meters (cubic yards);
  - iv. the name and telephone number of the disposal site operator;
  - v. the presence of improperly enclosed or uncovered waste, or any asbestos-containing waste material not sealed in leak-tight containers;
  - vi. the name and physical site location of the disposal site; and
  - vii. the date of receipt.
- 2.q** If this emissions unit is permanently closed, a closure notification, as provided in 40 CFR Part 60.757(d), shall be submitted to the RAPCA. The permittee shall also comply with all applicable provisions of OAC rule 3745-20-07.
- 2.r** The permittee shall cover all wastes with at least 6 inches of soil or alternative cover at the end of each day.
- 2.s** All vehicles hauling waste shall be closed or covered upon entering the facility. Following inspection at the facility's entrance the vehicle may remain uncovered while on landfill property and during unloading operations at the working face of the landfill.

## 2. Additional Terms and Conditions (continued)

- 2.t This facility shall not accept any load of friable asbestos-containing waste material for disposal unless it has been labeled in accordance with the requirements below:

Each container of friable asbestos-containing waste material shall be labeled in accordance with the requirements of the NESHAP at 40 CFR Part 61, Subpart M; or the Ohio Administrative Code rule 3745-20-05; or the Occupational Safety and Health Administration; or the Department of Transportation or any subsequent revision to the preceding rule; and shall contain the following information:

DANGER  
CONTAINS ASBESTOS FIBERS  
AVOID CREATING DUST  
CANCER AND LUNG DISEASE HAZARD

R.Q. ASBESTOS, CLASS 9  
NA 2212, III

Inspection of incoming loads of asbestos-containing material for compliance with proper labeling requirements may occur at the working face of the landfill.

- 2.u All asbestos-containing waste materials shall be received in sealed, approved, leak-tight waste disposal containers in accordance with Section A.1.2.u.i. or in approved alternative disposal containers in accordance with Sections A.1.2.u.ii, iii, or iv. below:

a. Asbestos-containing waste material shall be sealed in plastic bags having a thickness of at least 0.006 inch (six-mils). A second clean, leak tight plastic bag having a thickness of at least 0.006 inch (six-mils) shall fully contain the first bag.

b. Whenever necessary to prevent any asbestos-containing waste material from penetrating a container, the material shall be sealed into a combination of 0.006 inch (six-mils) plastic bag and leak-tight steel, plastic, or fiber drums, or reinforced disposal box, leak-tight polypropylene woven fabric bag, or similar suitable and durable container. Drums shall be fitted with a matching lid and lock-rims, and boxes shall be banded and sealed with reinforced tape or in accordance with manufacturer's recommendations.

c. Non-friable waste materials which have the potential to become friable during handling or disposal operations, and components coated with, covered or containing friable asbestos materials shall be wrapped in no less than 0.012 inch (twelve-mils) of leak tight plastic, or at least 0.01 inch (ten-mils) of leak tight polypropylene fabric. This facility shall not accept wrapped pipes or components for disposal, unless a system for unloading for unloading and disposing of the waste without causing emissions of asbestos can be assured.

d. Alternative leak-tight containers or disposal systems for asbestos-containing materials may be approved by RAPCA for special utility. The permittee is authorized to accept any alternative container or load approved in writing by RAPCA. Acceptance of any alternative container or load is at the discretion of the landfill and shall be in accordance with the terms and conditions issued in the alternative container or disposal system approval as issued in writing by RAPCA.

## II. Operational Restrictions

None

### III. Monitoring and/or Record Keeping Requirements

1. The permittee shall inspect each load of asbestos containing-material delivered to this facility as follows:
  - i. The inspection shall consist of visual examination to ensure that each shipment of asbestos-containing materials is received in intact, leak-tight containers labeled with appropriate hazard warning labels, the name of the waste generator, and the location of waste generation. The inspector also shall determine whether the waste shipment records (WSR) accompany the consignment and accurately describe the waste material and quantity.
  - ii. If on the basis of the inspection, the asbestos-containing waste material is found to be improperly received, the load shall be disposed of in accordance with the procedures in the "Asbestos Spill Contingency Plan," and the discrepancy notation shall be made on the waste shipment record.
  - iii. The owner or on-duty operator shall notify the RAPCA of any load of asbestos-containing material which is rejected, or non-conforming in accordance with the Asbestos Spill Contingency Plan. Notification shall be provided as soon as possible by a phone contact, followed in writing the next working day by providing a copy of the waste shipment record, if available, or when waste is not shipped with a WSR, by providing available information on vehicle identification, source of the load, a description of the load, nature of discrepancy, and the location of disposal. If possible, non-conforming loads of suspect friable material shall be detained or the location of disposal protected from damage until the Ohio EPA or RAPCA is informed and provided the opportunity to inspect.
2. The permittee shall maintain records of the following information:
  - a. the waste shipment record form for each shipment of asbestos-containing materials; and
  - b. the location, depth and area, and quantity in cubic yards of all asbestos-containing materials within the disposal site, on a map or a diagram of the disposal area.
3. Pursuant to 40 CFR Part 60.758, the permittee shall keep, for at least 5 years, up-to-date, readily accessible, on-site records of the maximum design capacity of the landfill, the current amount of solid waste in-place, and the year-by-year waste acceptance rate. Off-site records may be maintained if they are retrievable within 4 hours. Either hardcopy or electronic formats are acceptable. These records, may be also required by the Ohio EPA, Division of Solid and Infectious Waste Management, and shall satisfy this permit condition.
4. The initial calculated nonmethane organic compound (NMOC) emission rate for this emissions unit was less than 50 megagrams (55 tons) per year. Pursuant to 40 CFR Part 60.752(b), the owner or operator shall recalculate the NMOC emission rate annually. The NMOC emission rate shall be calculated using either the equation provided in paragraph (a)(1)(i) or the equation provided in paragraph (a)(1)(ii) of 40 CFR Part 60.754, and the procedures specified in paragraph (a)(2) of 40 CFR Part 60.754.
5. Except as otherwise provided in this section, the permittee shall perform inspections of all the landfill operation areas on a daily basis.
6. The purpose of the inspections is to determine the need for implementing the above-mentioned RACM. The inspections shall be performed during representative, normal operating conditions. No inspection shall be necessary for a landfill operating area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
7. The permittee may, upon receipt of written approval from RAPCA, 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. Such modified inspection frequencies would not be considered a minor or significant modification that would be subject to Title V permit modification requirements in paragraph (C)(1) and (C)(3) of OAC rule 3745-77-08.

### **III. Monitoring and/or Record Keeping Requirements (continued)**

8. The permittee shall maintain records of the following information:
  - a. the date and reason that 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 8.d. shall be kept for (i) the solid waste load-in operations, (ii) the surface working operations, and (iii) the cell surface (wind erosion), and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

### **IV. Reporting Requirements**

1. This facility shall prepare and submit quarterly reports summarizing asbestos disposal activities. Each report shall contain the following information:
  - a. the name, address and location of this facility; the calendar period covered by the report; and changes in methods of storage or disposal operations; and
  - b. a list of all asbestos-containing waste consignments received including:
    - i. the date received;
    - ii. the name, address and telephone number of the waste generator;
    - iii. the name and location of the facility where the load originated;
    - iv. the name, address and telephone number of the transporter;
    - v. the quantity of asbestos-containing waste material received; and
    - vi. any discrepancy or non-conformity discovered.

These reports shall be submitted no later than January 15, April 15, July 15 and October 15 and shall cover the previous calendar quarter.

2. As soon as possible and no longer than 30 days after receipt of the waste, the permittee shall send a copy of the signed waste shipment record to the waste generator.
3. Upon discovery of a discrepancy between the quantity of waste designated on a waste shipment record and the quantity actually received, the permittee shall attempt to reconcile the discrepancy with the waste generator. If the discrepancy is not resolved within 15 days after receiving the waste, immediately report in writing to the RAPCA. Describe the discrepancy and attempts to reconcile it, and submit a copy of the waste shipment record along with the report.
4. The permittee shall submit, upon closure of the facility, a copy of the records of the asbestos waste disposal locations and quantities to the RAPCA.

#### IV. Reporting Requirements (continued)

5. The permittee shall notify the RAPCA in writing at least 45 days prior to excavating or otherwise disturbing any asbestos-containing waste material that has been deposited at a waste disposal site and is covered. If the excavation will begin on a date other than the one contained in the original notice, notice of the new start date must be provided at least 10 working days before excavation begins and in no event shall excavation begin earlier than the date specified in the original notification. The following information shall be included in the notice:
  - a. scheduled starting and completion dates;
  - b. reason for disturbing the waste;
  - c. procedures to be used to control emissions during the excavation, storage, transport, and ultimate disposal of the excavated asbestos-containing waste material (if deemed necessary, the Director may require changes in the proposed emission control procedures); and
  - d. location of any temporary storage site and the final disposal site.
6. Except as provided for in Section A.IV.8 below, the owner or operator shall submit annual NMOC emission rate reports as required by 40 CFR Part 60.757(b)(1) to the RAPCA. The reports shall contain an annual or 5-year estimate of the NMOC emission rate calculated using the formula and procedures provided in 40 CFR Part 60.754(a) or (b), as applicable, and all the data, calculations, sample reports and measurements used to estimate the annual or 5-year emissions. These annual reports shall be submitted by January 15 of each year and cover the previous calendar year.
7. If the estimated NMOC emission rate, as reported in the annual report to the RAPCA, is less than 50 megagrams (55 tons) per year in each of the next 5 consecutive years, the owner or operator may elect to submit an estimate of the NMOC emission rate for the next 5-year period in lieu of the annual report. This estimate shall include the current amount of solid waste-in-place and the estimated waste acceptance rate for each year of the 5 years for which an NMOC emission rate is estimated. All data and calculations upon which this estimate is based shall be provided to the RAPCA. This estimate shall be revised at least once every 5 years. If the actual waste acceptance rate exceeds the estimated waste acceptance rate in any year reported in the 5-year estimate, a revised 5-year estimate shall be submitted to the RAPCA. The revised estimate shall cover the 5-year period beginning with the year in which the actual waste acceptance rate exceeded the estimated waste acceptance rate.
8. The permittee shall submit a closure report to the RAPCA within 30 days of waste acceptance cessation. The Ohio EPA or RAPCA may request additional information as may be necessary to verify that permanent closure has taken place in accordance with the requirements of 40 CFR Part 258.60. If a closure report has been submitted to the Ohio EPA, no additional wastes may be placed into the landfill without filing a notification of modification as described in 40 CFR Part 60.7(a)(4).
9. The permittee shall submit deviation (excursion) reports to the RAPCA that identify any of the following:
  - a. each day during which an inspection was not performed, as required in Section A.III.5., by the required frequency, excluding an inspection which was not performed during 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 deviation reports shall be submitted in accordance with the reporting requirements of General Term and Condition (A)(1).

## V. Testing Requirements

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

- a. Emission Limitation -  
No visible PE, from asbestos containing materials.

Applicable Compliance Method -  
Compliance shall be demonstrated by satisfying the requirements specified in Section A.I.1. and A.I.2. Compliance shall also be determined by visible emission evaluations performed in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60, as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

- b. Emission Limitation -

Visible emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average, from all waste materials, except asbestos-containing materials.

Applicable Compliance Method -  
Compliance shall be determined by visible emission evaluations performed in accordance with USEPA Reference Method 9 as set forth in "Appendix A on Test Methods" in 40 CFR Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraph (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03(B)(3).

## VI. Miscellaneous Requirements

1. Any representative of the Director of the Ohio EPA may, upon presentation of proper identification, enter upon any portion of the property including any improvements thereon, at any reasonable time, to make inspections, take samples, conduct tests and examine records or reports pertaining to any emission of air contaminants and any monitoring equipment, emission control equipment or methods. No operator or agent of this facility shall act in any manner to refuse, hinder, or thwart legal right of entry.

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---------------------------------------------------	-------------------------------------------	------------------------------------------------------------------

**2. Additional Terms and Conditions**

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** Solidification Process (P003)  
**Activity Description:** Solidification process of liquid waste

#### A. State and Federally Enforceable Section

##### I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Solidification process with basin (surface area of 37.16 meters squared)	OAC rule 3745-31-05 (A)(3) PTI 08-3796	11.3 lbs/hr and 14.63 TPY of particulate emissions (PE); 3.2 TPY of volatile organic compounds (VOC) emissions  Visible PE of fugitive dust shall not exceed 10% opacity, as a 3-minute average.
	OAC rule 3745-17-07(B)	Minimize drop heights and the load-in and load-out rates. Employ good operating practices to minimize or eliminate visible emissions.  See section A.1.2. below The opacity limitation specified by this rule is less stringent than the opacity limitation established pursuant to OAC rule 3745-31-05 (A) (3).
	OAC rule 3745-17-08(B)	The control measures specified by this rule are less stringent than the control measures established pursuant to OAC rule 3745-31-05 (A)(3).

## 2. Additional Terms and Conditions

- 2.a** The permittee shall construct and maintain a 3-sided wind screen. The wind screen shall be constructed in accordance with the design criteria described in the "Control of Air Emissions from Superfund Sites", USEPA Office of Research and Development, EPA/625/R-92/012. The design parameters shall include, but not be limited to, the parameters listed in the following:
- i. the wind screens shall have a porosity of 50%;
  - ii. the wind screens shall have a minimum height of one foot above the highest drop height (i.e., for a drop height of 9', the screen height must be at least 10');
  - iii. the wind screens shall have a minimum length of five times the expected solidification basin diameter (i.e., if the solidification basin diameter is 10', then the wind screen lengths shall be 50');
  - iv. the wind screens shall be of equal length on all 3 sides and perpendicular to the predominant wind direction (i.e., wind screens shall be perpendicular to the wind direction from the north, west and south), and the wind screen sides shall be attached; and
  - v. the maximum distance from the solidification basin to the screens, as well as storage piles to the screens, shall not exceed two times the maximum pile height (i.e., for a 9' pile, basin shall not exceed 18' (9' x 2) from screen).
- 2.b** The permittee shall locate this emissions unit within the confines of the 3 sided wind screen.

## II. Operational Restrictions

1. The allowable VOC emission rate for this emissions unit was established through the USEPA Chemdat8 Disposal Impoundment Model, EPA-453/C-94-080B, using the proposed dimensions of the solidification basin with a surface area of 37.16 meters squared and a depth of 2.6 meters. Therefore, the dimensions of the solidification basin must not increase without notification to and approval by the RAPCA.
2. The maximum hours of operation for this emissions unit shall not exceed 2,600 hours per year.
3. The permittee shall not accept liquid waste for solidifying and disposing with a VOC content exceeding 3% by volume.
4. Liquid waste sampling/analytical requirements:
  - a. Before accepting any liquid waste at this facility, the permittee or generator shall sample and analyze each liquid waste stream for total VOC content, by volume, at least once. The analytical method to be employed shall be USEPA Reference Method 8015, or other analytical method pre-approved by the RAPCA. For any liquid waste stream exceeding a VOC content of 2.7% by volume, the permittee or generator shall sample and analyze each shipment prior to accepting that liquid waste stream. If after three successive analyses demonstrating that the liquid waste stream contains a VOC content less than 2.7% by volume, the permittee may cease analyzing each shipment of the affected waste stream and proceed with term 4.b.
  - b. The permittee shall sample each incoming shipment of liquid waste. The sampling frequency shall be one properly labeled 500 ml sample for each container delivered. The sample shall be taken and retained for at least 14 days from the date sampled. In addition, the samples shall be maintained in accordance with USEPA Reference Method 8015.
  - c. The RAPCA may require and/or conduct detailed chemical analyses through an independent laboratory of any liquid waste received at the facility, or of any sample retained, as required above, at the permittee's expense.

### III. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. the color of the emissions;
  - b. the cause of the visible emissions;
  - c. the total duration of any visible emission incident; and
  - d. any corrective actions taken to eliminate the visible emissions.
2. The permittee shall maintain the following records for liquid waste received:
  - a. date of shipment;
  - b. the name and address of generator;
  - c. a copy of the original and any subsequent VOC content analyses for the waste stream;
  - d. the quantity of liquid waste received;
  - e. the generator's waste profile sheet;
  - f. type of container used to ship the liquid waste; and
  - g. type of mixing agent used to solidify the liquid waste.
3. The permittee shall maintain monthly records of the hours of operation for this emissions unit.

### IV. Reporting Requirements

1. The permittee shall submit semiannual written reports that (a) identify all days during which visible particulate emissions were observed from this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the RAPCA by January 31 and July 31 of each year and shall cover the previous 6-month period.
2. The permittee shall submit annual reports of the annual numbers of hours of operation for the solidification basin. These reports shall cover the previous calendar year and shall be submitted to the RAPCA by January 31 of each year.

### V. Testing Requirements

- 1.a** Emission Limitation -  
11.3 lbs PE/hour

Applicable Compliance Method -

Compliance may be determined by multiplying the maximum hourly solidification material feed rate by the emission factor, 1.5 pounds PE per ton of material (AP-42, 5th Edition, Table 11.14-4), and then multiplying by the control efficiency reduction factor (1 - 0.8), as determined by Equation 7-3 of the "Control of Air Emissions from Superfund Sites" November 1992 (EPA/625/R-92/012).

- 1.b** Emission limitation -  
14.63 TPY of PE

Applicable Compliance Method -

Compliance may be determined by multiplying the maximum hourly solidification material feed rate (tons/hr) by the emission factor, 1.5 pounds PE per ton of material (AP-42, 5th Edition, Table 11.14-4) and by the control efficiency reduction factor (1 - 0.8), as determined by Equation 7-3 of the "Control of Air Emissions from Superfund Sites" November 1992 (EPA/625/R-92/012) and by the actual numbers of hours of operation per year, and then dividing by 2000.

**V. Testing Requirements (continued)**

- 1.c** Emission Limitation -  
Visible PE shall not exceed 10% opacity, as a 3-minute average.

Applicable Compliance Method -  
Compliance shall be determined by visible emission evaluations performed in accordance with USEPA Reference Method 9 as set forth in "Appendix A on Test Methods" in 40 CFR Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraph (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03 (B)(3).

- 1.d** Emission Limitation -  
3.2 TPY of VOC

Applicable Compliance Method -  
Compliance may be determined by employing the USEPA Chemdat8 Disposal Impoundment Model (EPA-453/C-94-080B, November 1994).

**VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---------------------------------------------------	-------------------------------------------	------------------------------------------------------------------

**2. Additional Terms and Conditions**

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

\*\*\*\*\*  
**THIS IS THE LAST PAGE OF THE PERMIT**  
\*\*\*\*\*