



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL  
MAHONING COUNTY**

**CERTIFIED MAIL**

Street Address:

122 S. Front Street

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

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049

**Application No: 02-18642**

**Fac ID: 0250000806**

**DATE: 1/18/2005**

Central Waste, Inc  
Mary Blai  
12003 Oyster Rd  
Alliance, OH 44601

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

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

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

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

Sincerely,

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

CC: USEPA

NEDO



**Permit To Install  
Terms and Conditions**

**Issue Date: 1/18/2005  
Effective Date: 1/18/2005**

**FINAL PERMIT TO INSTALL 02-18642**

Application Number: 02-18642  
Facility ID: 0250000806  
Permit Fee: **\$1000**  
Name of Facility: Central Waste, Inc  
Person to Contact: Mary Blai  
Address: 12003 Oyster Rd  
Alliance, OH 44601

Location of proposed air contaminant source(s) [emissions unit(s)]:

**12003 Oyster Rd  
Alliance, Ohio**

Description of proposed emissions unit(s):

**Chapter 31 Modification to PTI 02-14069 to relocate waste at the landfill.**

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

Director

## Part I - GENERAL TERMS AND CONDITIONS

### 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 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. 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 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. 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. 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.

## 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, 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 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. 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.

## 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 this Permit To Install.

## 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 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.

## 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 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 To Install 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.

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

### **1. Compliance Requirements**

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

### **2. Reporting Requirements**

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping 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 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.)

### **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. Termination of Permit To Install**

This permit to install shall terminate within eighteen months of the effective date of the permit to install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete

within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

#### **5. Construction of New Sources(s)**

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

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

#### **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**

Central Waste, Inc  
 PTI Application: 02-18642  
 Issued: 1/18/2005

Facility ID: 0250000806

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)**

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.

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>
PE	111.6
NMOC	800
Methane	18,607

11

**Central Waste, Inc**  
**PTI Application: 02-18642**  
**Issued: 1/18/2005**

**Facility ID: 0250000806**

**Centr:**  
**PTI A**  
**Issued: 1/18/2005**

Emissions Unit ID: F001

**Part II - FACILITY SPECIFIC TERMS AND CONDITIONS**

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

1. This PTI replaces the following PTIs:
  - a. PTI No. 02-14069, issued August 8, 2000;
  - b. PTI No. 02-2030, issued July 31, 1985;
  - c. PTI No. 02-6639, issued March 17, 1993; and
  - d. PTI No. 02-12762, issued March 10, 1999.

**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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F001 - Facility-wide unpaved Roadways and Parking Areas	OAC rule 3745-31-05(A)(3)	No visible particulate emissions except for three minutes during any 60-minute period from any unpaved roadway or parking area surface.  Any unpaved roadway or parking area that is paved shall have no visible particulate emissions except for one minute during any 60-minute period.
	OAC rule 3745-17-08	Particulate emissions shall not exceed 73.4 tons per year.
	OAC rule 3745-17-07(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).  The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

#### 2. Additional Terms and Conditions

- 2.a** All unpaved roadways and parking areas are covered by this permit and subject to the above-mentioned requirements.
- 2.b** The permittee shall employ best 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 permittee has committed to treat the unpaved roadways and parking areas with water via a spray truck at sufficient treatment frequencies to ensure compliance and to limit vehicles to a speed limit of 10 miles per hour. If watering and speed reduction are not sufficient to control emissions, Ohio EPA may require additional fugitive dust control measures. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure 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 unpaved 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. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- 2.d** Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface resulting from the application of certain types of dust suppressants, may be controlled with the control measure(s) specified above for paved surfaces. 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.
- 2.e** 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.f** There shall be no visible particulate emissions except for one minute during any 60-minute period from any paved roadway area surface where facility vehicles enter or leave the premises as a result of material dragout out.
- 2.g** This facility shall, if requested by the Ohio EPA, install and employ a truck wheel water

Emissions Unit ID: F001

wash to be used on all vehicles prior to their departure from the premises. This request would be made if the initial control measures were insufficient to minimize or eliminate the deposit of mud and dust on public roads.

- 2.h 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.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 best available technology requirements of OAC rule 3745-31-05.

## II. Operational Restrictions

1. Used oil as defined by OAC rule 3745-279-01(A)(12) shall not be used as a dust suppressant.
2. Leachate shall not be used as a dust suppressant.
3. The permittee shall have posted speed limit signs identifying 10 miles per hour as the maximum on-site speed limit.

## III. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform daily inspections of the roadways and parking areas.
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 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.
3. The permittee may, upon receipt of written approval from the Northeast District Office of Ohio EPA, 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 parking areas and (ii) the unpaved roadways and parking areas, 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 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.
2. 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 for unpaved roadways and parking areas 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.
2. Compliance with the emission limitation for paved roadways and parking areas 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.
3. Emission Limitation: 73.4 tons of particulate emissions per year.

Applicable Compliance Method: Compliance shall be determined by using the equation below:

For unpaved roadways and parking areas, from AP-42, Section 13.2.2, "Unpaved Roads", version 12/03.

$$EU = \left[ k * \left( \frac{s}{12} \right)^{0.7} * \left( \frac{W}{3} \right)^{0.45} \right] * \left[ \frac{365 - p}{365} \right] * \left[ \frac{VMT}{2000} \right] * 0.25$$

where,

Central Waste, Inc  
PTI Application: 02-19642  
Issued

Facility ID: 0250000806

Emissions Unit ID: F001

EU = particulate emissions, tons per year from unpaved roadways and parking areas

k = constant, 4.9

s = silt content, 6.4%

W = mean vehicle weight, 26.6 tons

p = number of days with at least 0.01 inches of precipitation/year, 157.8 days (Youngstown)

VMT = vehicular miles traveled per year, 123,000 miles/yr (from application)

2,000 = conversion factor, pounds per ton

0.25 = 75% control efficiency for watering and speed control

## VI. Miscellaneous Requirements

None

**B. State Only Enforceable Section**

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

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F001 - Facility Roadways and Parking Areas	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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	
F002 - Municipal Solid Waste (MSW) Landfill Operations - refuse disposal activities including dumping, spreading, compacting, covering, and gas generation.	OAC rule 3745-31-05(A)(3)	40 CFR Part 63, Subpart AAAA
		OAC rule 3745-17-07(B)(1)
		OAC rule 3745-17-08(B)
	40 CFR Part 60, Subpart WWW	

**Centr:****PTI A****Issued: 1/18/2005**

Emissions Unit ID: F002

Applicable Emissions  
Limitations/Control  
Measures

725.3 Mg (800 tons) of  
nonmethane organic  
compounds (NMOC)/year;

16,880 Mg (18,607 tons) of  
methane/year;

35.9 tons of fugitive  
particulate emissions  
(PE)/year;

Visible fugitive particulate  
emissions shall not exceed  
20% opacity, as a 3-minute  
average;

Use of best available control  
measures to minimize or  
prevent the emission of  
fugitive dust;

The requirements of this rule  
also include compliance with  
the requirements of 40 CFR  
Part 60 Subpart WWW and  
OAC rule 3745-17-07(B)(1).

The requirements pursuant  
to this rule are equivalent to  
those established pursuant to  
OAC rule 3745-31-05(A)(3).

See A.I.2.h, A.III.6., and  
A.III.7., A.IV.6. through  
A.IV.8. below.

The emission limitation specified by  
this rule is equivalent to the emission  
limitation established pursuant to  
OAC rule 3745-31-05(A)(3).

The emission limitation specified by  
this rule is less stringent than the  
emission limitation established  
pursuant to OAC rule  
3745-31-05(A)(3).

## 2. Additional Terms and Conditions

- 2.a** The landfill fugitive dust operations/sources that are covered by this permit and are subject to the requirements of OAC rule 3745-31-05 are listed below:
- i. waste dumping/unloading
  - ii. waste compaction
  - iii. soil excavation and handling
  - iv. covering of waste with soil
  - v. wind erosion from landfill surfaces
- 2.b** The permittee shall employ best available control measures for the above-identified landfill fugitive dust operations/sources for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permit application, the permittee maintains that the inherent moisture content of the materials involved in fugitive dust operations/sources is at a level which is more than sufficient to comply with all applicable requirements. If at any time the moisture content is not sufficient to meet the above applicable requirements, the permittee shall employ best available control measures to ensure compliance.
- 2.c** The above-identified control measure(s) shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during the operation of the fugitive dust operation/sources until further observation confirms that use of the control measure(s) is unnecessary.
- 2.d** 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 3745-31-05.
- 2.e** The municipal solid waste (MSW) landfill has a design capacity greater than 2.5 million megagrams and 2.5 million cubic meters. As a result, the permittee shall calculate an NMOC emission rate using the procedures specified within the Testing Requirements section of this permit. The NMOC emission rate shall be recalculated annually, except as provided in the Reporting Requirements section of this permit.
- 2.f** There shall be no open burning in violation of Ohio Administrative Code chapter 3745-19 at this facility.
- 2.g** Except as provided in the terms for emissions unit F004, the following asbestos requirements are to be met:
- i. The facility shall not accept for disposal any National Emission Standards for Hazardous Air Pollutants (NESHAP) regulated asbestos containing material (RACM) as defined in the NESHAP Regulation for Asbestos, 40 CFR Part 61,

Subpart M, Section 141 amended November 20, 1990 or any subsequent revisions or as defined in any Environmental Protection Agency Interpretive Rules concerning the NESHAP Regulation for Asbestos. This includes: (a) friable asbestos material, (b) Category I nonfriable asbestos containing material that has become friable, (c) Category I nonfriable asbestos containing material that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II nonfriable asbestos containing material that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this subpart.

- ii. This facility shall ensure that any asbestos containing materials shall not become friable while at the landfill. If any asbestos material arrives at or becomes friable at the landfill, this facility shall adequately wet or encapsulate it if necessary to prevent visible emissions, and shall cover it with at least six (6) inches of non-asbestos containing material before the end of the operating day.
- iii. All terms stated in Specific Terms and Conditions B.1.a are defined in the NESHAP regulation for Asbestos, 40 CFR Part 61, Subpart M, Section 141 amended November 20, 1990 or any subsequent revisions or in any Environmental Protection Agency Interpretive ruling concerning the NESHAP for Asbestos.

**2.h** The permittee must fulfill the requirements of 40 CFR Part 60, Subpart WWW.

## **II. Operational Restrictions**

1. Leachate shall not be used as a dust suppressant.

## **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall keep readily accessible on-site, the most recent 5 years of records demonstrating the maximum design capacity, the current amount of solid waste in place, and the year-by-year waste acceptance rate. Records may be maintained off-site if they are retrievable within 4 hours. Either paper or electronic formats are acceptable.

2. Except as otherwise provided in this section, the permittee shall perform inspections of the landfill fugitive dust operations/sources in accordance with the following frequencies:

<u>landfill fugitive dust operations/sources</u>	<u>minimum inspection frequency</u>
a. waste dumping/unloading	once during each day of operation
b. waste compaction	once during each day of operation
c. soil excavation and handling	once during each day of operation
d. covering of waste with soil	once during each day of operation
e. wind erosion from landfill surfaces	once during each day of operation

3. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures for particulate emissions. The inspections shall be performed during representative, normal operating conditions. No inspection shall be necessary for a landfill fugitive dust operation/source 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 inspection is within one week.
4. The permittee may, upon receipt of written approval from the Northeast District Office of Ohio EPA, 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.
5. 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 measure(s);
  - c. the dates the control measure(s) was (were) implemented; and
  - d. on a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.

The information required by this term shall be kept separately for each landfill fugitive dust operation/source identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

6. When the calculated NMOC emission rate is greater than 50 megagrams per year (55.1 tpy), the permittee must develop and implement a written startup, shutdown and malfunction (SSM) plan according to the provisions in 40 CFR 63.6(e)(3). A copy of the SSM plan must be

maintained on site. Failure to write, implement, or maintain a copy of the SSM plan is a deviation from the requirements of this subpart.

7. When the calculated NMOC emission rate is greater than 50 megagrams per year (55.1 tpy), if actions taken during a startup, shutdown and/or malfunction are consistent with the procedures in the SSM plan, this information shall be included in a semi-annual SSM plan report.

#### IV. Reporting Requirements

1. The permittee shall submit an annual NMOC emission rate report to the Northeast District Office of Ohio EPA, except as provided for below. Ohio EPA may request such additional information as may be necessary to verify the reported NMOC emission rate.
2. The NMOC emission rate report shall contain an annual or 5-year estimate of the NMOC emission rate calculated using the formulas and procedures provided pursuant to the Testing Requirements section of this permit.
3. If the estimated NMOC emission rate as reported in the annual report is less than 50 megagrams per year in each of the next 5 consecutive years, the permittee may elect to submit an estimate of the NMOC emission rate for the next 5-year period in lieu of the annual report, per 40 CFR Part 60.757(b)(1)(ii). 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 Northeast District Office of Ohio EPA. 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 Northeast District Office. 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.
4. The NMOC emission rate report shall include all the data, calculations, sample reports, and measurements used to estimate the annual or 5-year emissions.
5. 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; and
  - b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.

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

6. When the calculated NMOC emission rate is greater than 50 megagrams per year (55.1 tpy), a deviation is defined in Section 63.1990. For the purposes of the landfill monitoring and SSM plan requirements, deviations include the items in paragraphs (a) through (c) of this section.
  - a. A deviation occurs when the control device operating parameter boundaries described in 40 CFR 60.758(c)(1) of Subpart WWW are exceeded.
  - b. A deviation occurs when one or more of the hours during the 3-hour block averaging period does not constitute a valid hour of data. A valid hour of data must have measured values for at least three 15-minute monitoring periods within the hour.
  - c. A deviation occurs when a SSM plan is not developed, implemented, or maintained on site.
7. When the calculated NMOC emission rate is greater than 50 megagrams per year (55.1 tpy),
  - a. Keep records and reports as specified in 40 CFR Part 60, Subpart WWW, or in the Federal plan, EPA approved State plan or tribal plan that implements 40 CFR Part 60, Subpart Cc, whichever applies to your landfill, with one exception: You must submit the annual report described in 40 CFR 60.757(f) every 6 months.
  - b. You must also keep records and reports as specified in the general provisions of 40 CFR Part 60 and this part as shown in Table 1 of 40 CFR Part 63, Subpart AAAA. Applicable records in the general provisions include items such as SSM plans and the SSM plan reports.
8. When the calculated NMOC emission rate is greater than 50 megagrams per year (55.1 tpy), any time an action taken during a startup, shutdown, and/or malfunction is not consistent with the SSM plan, the source shall report actions taken within 2 working days after commencing such actions, followed by a letter 7 days after the event.

## V. Testing Requirements

1. The permittee shall calculate the NMOC emission rate using either the equation provided in Section A.V.1.a or the equation provided in Section A.V.1.b. Both equations may be used if the actual year-to-year solid waste acceptance rate is known, as specified in Section A.V.1.a, for part of the life of the landfill. The values to be used in both equations are 0.05 per year for  $k$ , 170 cubic meters per megagram for  $LO$ , and the average  $C_{NMOC}$  from collected samples as determined by the procedures specified in Section A.V.2. For landfills located in geographical areas with a thirty year annual average precipitation of less than 63.5 cm, as measured at the nearest representative official meteorologic site, the  $k$  value to be used is 0.02 per year.
  - a. The following equation shall be used if the actual year-to-year solid waste acceptance rate

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is known:

where,

$M_{\text{NMOC}}$  = Total NMOC emission rate from the landfill, megagrams per year

$k$  = methane generation rate constant, year<sup>-1</sup>

$L_o$  = methane generation potential, cubic meters per megagram solid waste

$M_i$  = mass of solid waste in the  $i^{\text{th}}$  section, megagrams

$t_i$  = age of the  $i^{\text{th}}$  section, years

$C_{\text{NMOC}}$  = concentration of NMOC, parts per million by volume as hexane

$3.6 \times 10^{-9}$  = conversion factor

The mass of nondegradable solid waste may be subtracted from the total mass of solid waste in a particular section of the landfill when calculating the value for  $M_i$  if documentation of the nature and amount of such wastes is maintained.

- b. The following equation shall be used if the actual year-to-year solid waste acceptance rate is unknown:

$$M_{\text{NMOC}} = 2L_oR(e^{-kc} - e^{-kt})C_{\text{NMOC}}(3.6 \times 10^{-9})$$

Where:

$M_{\text{NMOC}}$  = mass emission rate of NMOC, megagrams per year

$L_o$  = methane generation potential, cubic meters per megagram solid waste

$R$  = average annual acceptance rate, megagrams per year

$k$  = methane generation rate constant, year<sup>-1</sup>

$t$  = age of landfill, years

$C_{\text{NMOC}}$  = concentration of NMOC, parts per million by volume as hexane

$c$  = time since closure, years; for active landfill  $c=0$  and  $e^{-kc}1$

$3.6 \times 10^{-9}$  = conversion factor

The mass of nondegradable solid waste may be subtracted from the total mass of solid waste in a particular section of the landfill when calculating the value of  $R$ , if documentation of the nature and amount of such wastes is maintained.

2. The permittee shall determine the NMOC concentration using the following sampling procedure. The permittee shall install at least two sample probes per hectare of landfill surface that has retained waste for at least 2 years. If the landfill is larger than 25 hectares in area, only 50 sample probes are required. The sample probes should be located to avoid known areas of nondegradable solid waste. The owner or operator shall collect and analyze one sample of landfill gas from each probe to determine the NMOC concentration using Method 25 or 25C of Appendix A of 40 CFR Part 60. Method 18 of Appendix A of 40 CFR Part 60 may be used to analyze the samples collected by the Method 25 or 25C sampling procedure. Taking composite samples from different probes into a single cylinder is allowed; however, equal sample volumes must be taken from each probe. For each composite, the sampling rate, collection times, beginning and ending cylinder vacuums, or alternative volume measurements must be recorded to verify that composite volumes are equal. Composite sample volumes should not be less than one liter unless evidence can be provided to substantiate the accuracy of smaller volumes. Terminate compositing before the cylinder approaches ambient pressure where measurement accuracy diminishes. If using Method 18, the permittee must identify all compounds in the sample and, at a minimum, test for those compounds published in the most recent Compilation of Air Pollutant Emission Factors (AP-42), minus carbon monoxide, hydrogen sulfide, and mercury. At a minimum, the instrument must be calibrated for each of the compounds on the list. Convert the concentration of each Method 18 compound to  $C_{\text{NMOC}}$  as hexane by multiplying by the ratio of its carbon atoms divided by six. The permittee must divide the NMOC concentration from Method 25 or 25 C of Appendix A of 40 CFR Part 60 by six to convert from  $C_{\text{NMOC}}$  as carbon to  $C_{\text{NMOC}}$  as hexane. If the landfill has an active or passive gas removal system in place, Method 25 or 25C samples may be collected from these systems instead of surface probes provided the removal system can be shown to provide sampling as representative as the two sampling probe hectare requirement. For active collection systems, samples may be collected from the common header pipe before the gas moving or condensate removal equipment. For these systems, a minimum of three samples must be collected from the header pipe.

The permittee shall retest the site-specific NMOC concentration every 5 years using the methods specified above.

3. If the resulting mass emission rate calculated using the site-specific NMOC concentration is equal to or greater than 50 megagrams per year, then the permittee shall either:
  - a. determine the site-specific methane generation rate constant and recalculate the NMOC

emission rate using the site-specific methane generation rate. The site-specific methane generation rate constant shall be determined using the procedures provided in Method 2E of Appendix A in 40 CFR Part 60.

OR

- b. submit a collection and control system design plan prepared by a professional engineer to the Northeast District Office of Ohio EPA within one year in accordance with 40 CFR 60.752(b)(2); AND
  - c. install a collection and control system that captures the gas generated within the landfill, as required by 40 CFR 60.752(b)(2)(ii)(A) or (B) and (b)(2)(iii) within 30 months after the first annual report in which the emission rate equals or exceeds 50 megagrams per year; AND
  - d. submit a permit-to-install (PTI) application for a modification of the MSW landfill to address new source review issues associated with the installation of the collection and control system.
4. If the resulting mass emission rate calculated using the site-specific methane generation rate and concentration of NMOC is equal to or greater than 50 megagrams per year, the permittee shall comply with either the next tier sampling, or install a gas collection and control system pursuant to the terms of this permit.
  5. Compliance with the emissions limitation(s) of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation:

35.9 tons of fugitive PE/year

Compliance Method:

The permittee shall demonstrate compliance by use of the following equation, derived using standard AP-42 and U.S. EPA emission factors, and accounts for emissions from wind erosion, daily cover material handling and placement, solid waste handling (dumping waste), spreading, grading, and compaction of waste:

$$E(\text{TPY}) = 2.1\text{E-}4[(365-p)(f)(\text{acres})] + 4.0\text{E-}5(\text{AMDWR})(U/5)^{1.3} + 23.3$$

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where:

p is the days with greater than 0.01" of precipitation (157.8 for Youngstown)

f is the % of time with wind speeds greater than 12 MPH (27.5 for Youngstown)

acres is the estimated maximum landfill acreage exposed at any one time

U is the mean wind speed, MPH (11.3 for Youngstown)

AMDWR is the Allowable Maximum Daily Waste Receipt

## b. Emission Limitation:

725.3 Mg (800 tons) of fugitive NMOC/year

Compliance Method:

The permittee shall demonstrate compliance with the above emission limitation through the annual NMOC emission rate report required in Section A.IV.1.

## c. Emission Limitation:

16,880 Mg (18,607 tons) of fugitive methane/year

Compliance Method:

The permittee shall demonstrate compliance through calculations using the Landfill Gas Emissions Model (LandGEM) version 2.01.

d. Emission Limitation:

Visible fugitive particulate emissions shall not exceed 20% opacity, as a 3-minute average.

Compliance Method:

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

**VI. Miscellaneous Requirements**

None

**B. State Only Enforceable Section**

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

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F002 - Municipal Solid Waste (MSW) Landfill Operations	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

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**Issued: 1/18/2005**

Emissions Unit ID: F002

### 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F003 - Soil piles - Material load in/out and wind erosion	OAC rule 3745-31-05(A)(3)	There shall be no visible emissions of fugitive dust except for a period of time not to exceed one minute during any sixty-minute observation period.
	OAC rule 3745-17-07(B)	Particulate emissions shall not exceed 2.3 TPY from wind erosion and load-in and load-out operations.
	OAC rule 3745-17-08(B)	The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.
		The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
		The control requirements specified by this rule are less stringent than the control requirements established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**

Emissions Unit ID: F003

- 2.a** All of the storage piles at this facility are covered by this permit and are subject to the requirements of OAC rule 3745-31-05.
- 2.b** The permittee shall employ best available control measures for all load-in and load-out operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to process aggregate material with inherently high moisture content and to minimize drop height distance from front-end loaders to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.c** The above-mentioned control measures shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control 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 measure is unnecessary.
- 2.d** The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to process aggregate material with inherently high moisture content to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.e** The above-mentioned control measures shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of additional control measures shall not be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.
- 2.f** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rules 3745-17-08 and 3745-31-05.

## II. Operational Restrictions

1. Leachate shall not be used as a dust suppressant.

## III. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of each load-in operation at each storage pile at this facility on a weekly basis.

2. Except as otherwise provided in this section, the permittee shall perform inspections of each load-out operation at each storage pile at this facility on a weekly basis.
3. Except as otherwise provided in this section, the permittee shall perform inspections of the wind erosion from pile surfaces associated with each storage pile at this facility on a weekly basis.
4. No inspection shall be necessary for wind erosion from the surface of a storage pile when the pile is covered with snow and/or ice and for any storage pile activity if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
5. The purpose of the inspections is to ensure continued compliance for load-in and load-out of a storage pile and for wind erosion from the surface of a storage pile and determine the need for implementing additional control measures. The inspections shall be performed during representative, normal storage pile operating conditions.
6. The permittee may, upon receipt of written approval from the Northeast District Office of Ohio EPA, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
7. The permittee shall maintain records of the following information:
  - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
  - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
  - c. the dates the control measure(s) were implemented; and
  - d. on a calendar quarter basis, the total number of days the control measure(s) were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in 7.d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the pile surfaces (wind erosion), and shall be updated on a calendar

quarter basis within 30 days after the end of each calendar quarter.

#### IV. Reporting Requirements

1. The permittee shall submit deviation (exceedance) 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.
2. 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 limitations specified in section A.1. of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation: There shall be no visible emissions of fugitive dust except for a period of time not to exceed one minute during any sixty-minute observation period.

Compliance with the visible emission limitations for the wind erosion and load-in and load-out operations from the storage piles 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.

- b. Emission Limitation:  
 Particulate emissions shall not exceed 2.3 TPY from wind erosion and load-in and load-out operations.

Compliance Method:

The permittee shall demonstrate compliance by adding maximum potential emissions from wind erosion and material load in/out from soil storage piles.

The potential emission rate for wind erosion is calculated as determined by the method from U.S. EPA's Control of Open Fugitive Dust Sources, Equation 4-9 (September 1988), as follows:

$$[1.9 * (s/1.5) * (365 - p)/235 * (f/15)] \text{ lb/acre/day} * 1 \text{ acre} * 365 \text{ days/yr} * \text{ton}/2,000 \text{ lb}$$

where:

s = the silt content (%) of the solid waste (assume 5%)

p = number of days with at least 0.01 inches of precipitation per year, 157.8 days  
(Youngstown)

f = percent of time wind is at least 12 mph, 27.5% (Youngstown)

The potential emission rate for waste handling is calculated as determined from AP-42, Chapter 13.2.4.3 (1/95), as follows:

$$E = [(0.74) * (0.0032) * (U/5)^{1.3} / (M/2)^{1.2}] \text{ lb/ton} * 158,600 \text{ tons/yr} * \text{ton}/2,000 \text{ lb} * 2$$

where:

U = mean wind speed, 11.3 MPH (Youngstown)

M = moisture content of the soil (assume 5%)

158,600 = cover soil material handled annually, from application, estimated

2 = accounts for load-in and load-out

**VI. Miscellaneous Requirements**

None

**B. State Only Enforceable Section**

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

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F003 - Soil piles - Material load in/out and wind erosion	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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	
F005 - Relocation of previously disposed of, on-site asbestos contaminated materials (ACM), to include roadways, excavation, load-out, wind erosion, deposition, and material handling.	OAC rule 3745-31-05 (A)(3)	OAC rule 3745-17-08
		OAC rule 3745-17-07
		40 CFR 61, subpart M
		OAC chapter 3745-20

	<u>Applicable Emissions Limitations/Control Measures</u>	
OAC rule 3745-20-07	There shall be no (zero) visible emissions from any operations involving the relocation of ACM (see terms A.I.2.b.);	The visible particulate emissions limitation specified by this rule is less stringent than the emissions limitation established pursuant to OAC Rule 3745-31-05(A)(3).
OAC rule 3745-17-07(B)(1)	0.0 (zero) tons per year allowable PE emissions;	No (zero) visible emissions from all storage and material handling piles involving the relocation of ACM.
	Best available control measures that are sufficient to eliminate visible emissions of fugitive dust (see Sections A.I.2.b through A.I.2.e);	No (zero) visible emissions from any landfill operation involving the relocation of ACM.
	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and -08;	The visible particulate emissions limitation specified by this rule is less stringent than the emissions limitation established pursuant to 40 CFR Part 61, Subpart M.
	Best available control measures that are sufficient to eliminate visible emissions of fugitive dust from the ACM waste relocation activities (see Sections A.I.2.e through A.I.2.i).	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05 (A)(3).
	The requirements of this rule also include compliance with the requirements of OAC Rules 3745-17-07 and -08, 40 CFR Part 61, Subpart M and OAC chapter 3745-20.	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 40 CFR, Part 61 Subpart M.
	The visible particulate emissions limitation specified by this rule is less stringent than the emissions limitation established pursuant to OAC rule 3745-31-05(A)(3).	

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

- 2.a** In accordance with the conditions of this permit, the permittee is authorized to relocate and redispense of ACM subject to the provisions of NESHAP, 40 CFR Part 61, Subparts A and M and the regulations adopted by Ohio EPA in Chapter 3745-20 of the Ohio Administrative Code.
- 2.b** All activity involving the relocation of ACM is covered by this permit and subject to the requirements of OAC 3745-31-05(A)(3).
- 2.c** The zero visible emissions limit from any operation involving the relocation of previously disposed of ACM shall apply to (but not be limited to): roadway traffic, excavating, wind erosion, material storage piles, etc. associated with the relocation of ACM.
- 2.d** For the relocation of previously disposed of wastes other than ACM (eg., municipal solid waste, industrial sludge, etc.) the permittee shall comply with the allowable visible emissions limits of this permit for emissions units F001 (roadways), F002 (landfill operations), and F003 (material storage piles), as applicable.
- 2.e** The permittee shall employ best available control measures during any operation involving the relocation of ACM 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 maintain an inherently high water content on all surfaces during ACM relocation at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.f** 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. To assure zero visible emissions, relocation of ACM shall be suspended if unsafe or hazardous conditions would be created by continuing operations while using controls.
- 2.g** The facility shall maintain a copy of the engineering drawing delineating each cell of the landfill, identified as "Figure 1 - Site Plan-Existing Limits of Waste Placement", revision 2 (June 4, 2004), or any later version approved by the Northeast District Office.
- 2.h** For purposes of compliance with the terms and conditions of this permit, the permittee shall handle each cell identified as containing ACM on "Figure 1 - Site Plan-Existing Limits of Waste Placement", revision 2 (June 4, 2004) and each contiguous cell as containing ACM.

- 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 best available technology requirements of OAC rule 3745-31-05.

## **B. Operational Restrictions**

1. The permittee 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 waste response procedures, inventory and maintenance procedures for safety and emission control equipment, record keeping procedures and emergency notification procedures. The permittee shall be knowledgeable in the procedures and the Plan shall be available for inspection at this facility at all times until relocation activities are completed.
2. The permittee shall comply with the Waste Relocation Plan prepared by the permittee's consultant. The final version of this plan shall be the version submitted on June 25, 2004, or a later version that is mutually acceptable to the permittee, Ohio EPA, and the Mahoning-Trumbull Air Pollution Control Agency.
3. The permittee shall have emission control equipment available for wetting and containing asbestos in the event of a release of known ACM from an identified cell or a suspect cell that contains ACM not previously disclosed. 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.
4. For the purpose of containing asbestos contamination to the extent possible, the facility shall establish a support, contamination reduction, and exclusion zone around each contaminated cell. Each zone shall be clearly delineated prior to relocating any ACM such that all personnel and visitors may clearly recognize where each zone begins and ends. The function of each zone shall be as follows:
  - a. Support zone - employee parking of personally owned vehicles, visitor check-in, etc.
  - b. Contamination reduction zone - where all decontamination of personnel and equipment shall take place, etc.
  - c. Exclusion zone - the area within which heavy equipment may be freely operated in the process of excavating ACM from the piles for transfer to the active cell, etc.
5. Equipment used for the movement of ACM cells shall be decontaminated prior to any travel outside the exclusion zone.
6. All equipment used in any manner to relocate ACM or any contiguous cell shall first be decontaminated before proceeding to work on other landfill projects.
7. If open-bodied vehicles used to relocate ACM are demonstrated to have visible emissions, Ohio

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EPA will require vehicles transporting ACM be adequately covered to prohibit visible emissions.

8. Used oil as defined by OAC rule 3745-279-01(A)(12) shall not be used as a dust suppressant.
9. Leachate shall not be used as a dust suppressant.
10. The facility shall comply with the requirements of 40 CFR Part 61, Subpart M, Section 154 and OAC rule 3745-20-06 (Standard for active waste disposal sites). The facility shall submit a proposal 30 days prior to beginning remediation activities outlining operations of the active disposal site with respect to meeting the requirements of the above stated rules.
11. The facility shall comply with the requirements of 40 CFR Part 61, Subpart 151 and OAC rule 3745-20-07 (Standard for inactive asbestos waste disposal sites). The facility shall submit a proposal 30 days prior to the beginning of remediation activities outlining operations of the inactive disposal site with respect to meeting the requirements of the above stated rules.
12. Deposition and burial operations shall be conducted in a careful manner that prevents handling by equipment or persons that causes ACM to be broken up or dispersed before the materials are buried.
13. Unless a natural barrier adequately deters access by the general public, either warning signs and fencing must be installed and maintained as follows, or it must be covered with at least 15 centimeters (6 inches) of compacted non-asbestos-containing material, or other equally effective dust suppression agents may be used upon prior approval by the Administrator of U.S. EPA. Warning signs must be displayed at all entrances and at intervals of 100 meters (330 feet) or less along the property line of the site or along the perimeter of the sections of the site where asbestos-containing waste material was deposited. The warning signs must:
  - a. Be posted in such a manner and location that a person can easily read the legend; and,
  - b. Conform to the requirements for a 51 cm X 36 cm (20" X 14") upright format warning sign specified in 29 CFR 1910.145(d)(4) and this paragraph; and,
  - c. 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.

ASBESTOS WASTE DISPOSAL SITE  
 DO NOT CREATE DUST  
 BREATHING ASBESTOS IS HAZARDOUS TO YOUR HEALTH

Notation: The lettering shall be 2.5 cm (1 inch) Sans Serif, Gothic or Block, 1.9 cm (3/4 inch) Sans Serif, Gothic or Block or 14 Point Gothic. Spacing between any two lines must be at least equal to the height of the upper of the two lines.

14. The permittee shall cover ACM in accordance with the following:

- a. As soon as practicable after the placement of ACM, but no later than the end of each working day and before compacting, the ACM material deposited at the site during the operating day shall be covered with at least twelve inches of non-asbestos containing material.
  - b. Care shall be taken to ensure disposed ACM shall not be re-excavated in subsequent operations. Any accidentally exposed material shall be immediately recovered in accordance with the provisions of condition B.14.a. above unless the material has been substantially compromised, in which case this facility will implement the appropriate provisions of the Waste Relocation Plan prepared by the permittee's consultant. The final version of this plan shall be the version submitted on June 25, 2004, or any later version that is mutually acceptable to the permittee, Ohio EPA, and the Mahoning-Trumbull Air Pollution Control Agency.
  - c. ACM shall be separated from the landfill final grade by no less than 24 inches of compacted non-asbestos-containing material and a permanent cover of vegetation, or in accordance with current requirements for closure of an asbestos disposal site, whichever is most stringent.
15. Any suspect cell previously disclosed as not containing ACM that is found to contain ACM while being relocated shall be disposed of in accordance with the procedures in the "Asbestos Spill Contingency Plan", and the discrepancy notation shall be made on the daily log.
  16. Upon closure, the permittee shall comply with all the provisions of rule 3745-20-07.

### **C. Monitoring and/or Recordkeeping Requirements**

1. Except as otherwise provided in this section, the permittee shall perform inspections for visible dust associated with ACM relocation activities on a daily basis.
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.
3. 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;
- 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; and
- e. the date each landfill cell first began to be relocated and the completion date.

The information required in 3.d. shall be kept separately for (i) roadways, (ii) excavating, (iii) wind erosion, (iv) redeposition, and (v) covering, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

4. The permittee shall maintain records of any equipment used for the relocation of ACM, to include dates in service and decontamination. This record shall be explicit enough for any investigator to readily determine what equipment is currently being used for relocating ACM, as well as any decontamination efforts employed for equipment that has been removed. To comply with this requirement, it may be necessary to provide each piece of equipment with some sort of identifying number or code.
5. The permittee shall record, each day, if relocation operations occurred at the facility.
6. Maintain, until closure of the facility, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area.

#### **D. Reporting Requirements**

1. 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;
  - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented;
  - c. any instance where visible emissions are observed when handling ACM; and
  - d. the date each landfill cell first began to be relocated and the completion date.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.
3. Notify Ohio EPA, Northeast District Office 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. Include the following information 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 emission control procedures to be used.
  - d. Location of any temporary storage site and the final disposal site.
4. The permittee shall submit to Ohio EPA, Northeast District Office, upon closure of the facility, a copy of records of asbestos waste disposal locations and quantities.
  5. Within 60 days of the facility becoming inactive and after the effective day of this subpart, record, in accordance with State law, a notation on the deed to the facility and on any other instrument that would normally be examined during a title search; this notation will in perpetuity notify any potential purchaser of the property that:
    - a. the land has been used for the disposal of asbestos-containing waste material;

- b. the survey plot and record of the location and quantity of asbestos-containing waste disposed of within the disposal site required in Sec. 61.154(f) have been filed with the Administrator of U.S. EPA (a copy shall be sent to Ohio EPA Northeast District Office); and
  - c. the entire premises is subject to 40 CFR Part 63, Subpart M.
6. The deed restriction shall be recorded in the same manner as the deed for the property.
  7. The deed restriction shall be a permanent part of the property description, and must remain within the deed with any and all property transfers.
  8. The following language has been reviewed and approved for use as appropriate in the deed:

The Grantor, \_\_\_\_\_, hereby provides public notice about [description of property] ("the Premises") as follows:

- a. The Premises has been used as an active asbestos waste disposal site, and the use of an active asbestos waste disposal site as such is restricted under OAC 3745-20-06, OAC 3745-20-08, 40 CFR 61.154. Pursuant to OAC 3745-20-01(A)(17), the active asbestos waste disposal site will become an inactive waste disposal site when no additional asbestos-containing waste material has been deposited for one year and where the surface is not disturbed by vehicular traffic. Once the active asbestos waste disposal site becomes an inactive waste disposal site, its use will be restricted by OAC 3745-20-07, and 40 CFR 61.151. Pursuant to 40 CFR 61.151(e), within 60 days of the active asbestos waste disposal site becoming inactive, the Grantor shall record, in accordance with State law, a notation on the deed to the facility property and on any other instrument that would normally be examined during a title search; this notation will in perpetuity notify any potential purchaser of the property that: 1) the land has been used for the disposal of solid waste in the form of asbestos-containing material; 2) the survey plot and record of the location and quantity of asbestos-containing waste disposed of within the disposal site required in 40 CFR 61.154(f) have been filed with the Administrator of U.S. EPA and Ohio EPA district office; and 3) the site is subject to 40 CFR part 61 subpart M.
- b. The Premises may be used for any other lawful uses or purposes that are not inconsistent with this Deed Notice. Pursuant to OAC 3745-20-07(D), once the active asbestos waste disposal site becomes inactive, the owner or operator of the Premises shall notify the director in writing prior to disturbing or removing any asbestos-containing waste material. The notice shall contain the reason for disturbing the waste, the procedures to be used to control emissions, the duration of the operation and the location of the final disposal site. Additionally, under 40 CFR 61.151(d), the director must be notified at least 45 days, in accordance with this rule, prior to any excavating that would disturb the asbestos containing material.

**E. Testing Requirements**

1. Compliance with the zero visible emission limitation for the landfill surfaces shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources") and the use of visible emission monitors.
2. Compliance with the 0.0 (zero) tons per year allowable PE emissions from operations associated with this emissions unit shall be determined from compliance with the visible emissions limitation.

**F. Miscellaneous Requirements**

1. Pursuant to the authority in OAC rule 3745-77-07(C)(2) or ORC section 3704.03(L), any representative of the director may, upon presentation of proper identification, enter at any reasonable time upon any portion of the property where this landfill is located, including any improvements thereon, to make inspections, take samples, conduct tests and examine records or reports pertaining to any emissions of air contaminants and any monitoring equipment, emissions control equipment or methods. No operator or agent of this landfill shall act in any manner to refuse, hinder, or thwart this legal right of entry.
2. All actions required to be taken pursuant to this permit shall be undertaken in accordance with the requirements of all applicable federal, state, and local laws and regulations, including but not limited to, all applicable permits for activities required by this permit.

**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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F005 - Relocation of previously disposed of, on-site asbestos contaminated materials (ACM), to include roadways, excavation, load-out, wind erosion, deposition, and material handling.	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

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**Centr:**

**PTI A**

**Issued: 1/18/2005**

Emissions Unit ID: F005

**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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
T003 - 200,000 Gallon Above-Ground Leachate Storage Tank	OAC rule 3745-31-05(A)(3)  40 CFR 60, Subpart Kb	Organic compound emissions shall not exceed 0.6 tons per year.  The tank shall be equipped with submerged fill.  Recordkeeping - see III.2 below.

**2. Additional Terms and Conditions**

- 2.a The tank shall be equipped with submerged fill.

**II. Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain records of the quantity (in gallons) of leachate stored in the tank. Records retention shall comply with Part I, A.3. of this permit.
2. NSPS Requirements

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60,

are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the leachate storage tank (T003) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

#### **IV. Reporting Requirements**

None

#### **V. Testing Requirements**

Emission Limitation:

0.6 tons per year of OC emissions

Applicable Compliance Method:

To demonstrate compliance with the annual limit of 0.6 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version), by using the latest version of U.S. EPA's TANKS software (currently TANKS 4.0).

#### **VI. Miscellaneous Requirements**

None

**B. State Only Enforceable Section**

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

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
T003 - 200,000 Gallon Above-Ground Leachate Storage Tank	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