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Facility Name: **Harrison County Sanitary Landfill**

Application Number: **17-1612**

Date: **July 15, 1998**

**GENERAL PERMIT CONDITIONS**

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. 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.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCE(S)

The proposed source(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 are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Ohio 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

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approval constitutes a violation of Ohio Administrative Code (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 prove to be inadequate or cannot meet applicable standards.

#### PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 15 days of the effective date of this permit to install.

#### 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.

#### APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

#### 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.

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PERMIT TO OPERATE APPLICATION

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be made at least 90 days prior to start-up of the source.

NINETY DAY OPERATING PERIOD

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of this period of operation is to fulfill the performance tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies.

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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Harrison County Sanitary Landfill** located in **Harrison** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
F001	Paved and unpaved roads	Watering good housekeeping Speed reduction sweeping wheel washing	3745-31-05 3745-17-08 (B)	Minimize and eliminate fugitive dust and visible particulate emission not to exceed 1 minute out of 60 minutes for paved surfaces and 3 minutes out of 60 minutes for unpaved.
G001	Diesel fuel dispensing	VB-1, submerged fill	3745-31-05 3745-21-09	Installation of BAT controls
F002	Earth and material handling, dumping, spreading, compacting and covering	Watering earth cover of 6 inches	3745-31-05 3745-17-08 (B)	Minimize and eliminate fugitive dust and PM = 10 percent opacity as 6-minute average

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SUMMARY  
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Particulate	14.86
VOC	Negligible

**WASTE DISPOSAL**

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

**MAINTENANCE OF EQUIPMENT**

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

**MALFUNCTION/ABATEMENT**

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Ohio EPA, Southeast District Office, 2195 Front Street, Logan, OH 43138.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

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**AIR POLLUTION NUISANCES PROHIBITED**

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

**DIESEL AND/OR KEROSENE DISPENSING FACILITIES**

BAT for any diesel and/or kerosene dispensing operation identified within this permit consists of the transfer of diesel and/or kerosene from a delivery vessel to a stationary storage tank through the use of submerged filling into the storage tank. The submerged fill pipe(s) are to be installed so they are within six (6) inches of the bottom of the storage tank.

**ADDITIONAL SPECIAL TERMS AND CONDITIONS**

**A. Operations and Authority**

1. The specific operations, equipment and/or property, which constitute the air contaminant source and which are covered by this permit are listed in the following table with the applicable rules of the Ohio Administrative Code (OAC), Ohio Regulatory Code (ORC) and Code of Federal Regulations (CFR).

<u>Operations, Equipment and/or Property</u>	<u>Applicable Rules or Regulations</u>
Asbestos Waste Material Disposal	OAC Rule 3745-20-05 OAC Rule 3745-20-06 OAC Rule 3745-20-07 40 CFR Part 61 Subpart A and M
All Regulated Operations Authority to Enter	ORC 3704.03
Refuse Disposal, Cover, Soil Handling	OAC Rule 3745-17-08 OAC Rule 3745-15-07 OAC Rule 3745-31-05

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**B. Authority to Enter**

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

**C. Solid Waste Disposal**

1. This facility shall ensure that solid wastes are deposited, spread and compacted in such a manner as to minimize or prevent visible emissions of dust. This facility shall require all truckloads of solid waste to be unloaded in a manner which will minimize the drop height of the solid wastes. Any dusty materials or wastes likely to become airborne, shall be watered as necessary prior to or during dumping operations in order to minimize or eliminate visible emissions of fugitive dust, but any watering shall avoid free liquids and runoff. No dusty material shall be dumped during periods of high wind speed unless treated to prevent it from becoming airborne.
2. All vehicles hauling wastes shall be closed, covered or tarped coming to or leaving the facility in order to minimize visible emission of fugitive dusts and to eliminate load loss.

**D. Unpaved Roadways and Parking Areas**

1. In order to control emissions of fugitive dust this facility shall implement the best available control technology:
  - a. This facility shall apply water or suitable dust suppression chemicals as often as necessary on all roads and parking areas in order to minimize or prevent visible emissions of fugitive dust.

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- b. Speed zones of no more than 15 miles per hour shall be established, posted and enforced by the owner or operator for all vehicles operating within the facility or facility-controlled access roads.
- c. This facility shall operate and maintain a truck-mounted spray system to distribute water and/or dust suppression solution in order to minimize or eliminate visible emissions of fugitive dust generated by vehicle traffic on unpaved roadways and parking areas.
- d. The tires and bodies of all heavy-duty vehicles shall be washed with high pressure water prior to leaving the facility, if necessary, to prevent the carry-over of dust or mud to public roadways.

**E. Paved Road and Surfaces**

- 1. In accordance with the requirements of OAC rules 3745-17-08(B) and 31-05, Harrison County Sanitary Landfill shall maintain and employ a paved road in a clean condition by flushing and sweeping as needed in order to minimize or eliminate fugitive dust such that the visible emissions of particulate matter does not exceed one minute during any sixty-minute observation period as determined by Method 22 of 40 CFR Part 60.
- 2. Paved roadways shall be maintained free of gross quantities of mud or dust to prevent tracking of materials onto public roadways. The tires and bodies of all heavy duty vehicles shall be washed with high pressure water prior to leaving the facility, if necessary, to prevent the carry-over of dust or mud to public roadways.

**F. Recordkeeping**

- 1. In accordance with the provisions of OAC Rule 3745-35-02, Harrison County Sanitary Landfill shall maintain the following records in the company's files for review by the Director or his authorized representative:

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- a. the date and time of each treatment of sweeping or dust suppressant;
- b. the type of treatment and road/parking segment treated;
- c. the name of person performing the treatment; and,
- d. the application intensity (gallons per area of chemical dust suppressant).

**G. NESHAP 40 CFR Part bl**

1. No asbestos containing waste material shall be disposed of at this facility without first applying for and obtaining a Permit to Install.

**H. Open Burning**

1. No open burning shall be caused or allowed in violation of OAC Rule 3745-19.

**I. During Construction of the Landfill**

1. Harrison County Sanitary Landfill shall maintain and employ a tank truck of sufficient size to apply water or other dust suppressants to dirt and temporary roads in order to minimize or eliminate fugitive dust at all times during construction activities.