

Allowable Emissions Limitation(s)

- 1) No visible emissions from any unpaved roadway or parking area except for a period of time not to exceed three minutes during any sixty-minute observation period.
- 2) No visible emissions from any paved roadway or parking area except for a period of time not to exceed one minute during any sixty minute observation period.
- 3) Visible emissions from the landfill operations shall not exceed 10% opacity as a six minute average.
- 4) The particulate emissions from the roadway and parking areas shall not exceed 79.4 pounds per day or 14.5 tons per year.
- 5) The particulate emissions from the landfill operations shall not exceed 18.1 pounds per day or 3.3 tons per year.

Additional Terms and Conditions

- 1) The paved roadways and parking areas that are covered by this permit and subject to the requirements of OAC 3745-31-05 are listed below:

Paved Roadways:

All landfill paved roadways

Paved Parking Areas:

All landfill paved parking areas

- 2) The unpaved roadways and parking areas that are covered by this permit and subject to the requirements of OAC 3745-31-05 are listed below:

Unpaved Roadways:

All landfill unpaved roadways

Unpaved Parking Areas:

All landfill unpaved parking areas

3) The permittee shall employ reasonably available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the visible emission requirements. In accordance with the permittee's permit application, the permittee has committed to treat the paved roadways and parking areas by flushing with water, sweeping, or watering at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

4) The permittee shall employ reasonably available control measures when unloading waste at the landfill for the purposes of ensuring compliance with the visible emission limitations. These measures shall include minimizing the working face and ensuring the moisture content of the material is sufficient enough to prevent fugitive emissions. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

5) The permittee shall employ reasonably available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the visible emission requirements. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved roadways and parking areas by resurfacing with gravel and/or watering at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

6) 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 visible emission requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.

7) Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled 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.

8) Open-bodied vehicles transporting materials on-site likely to become airborne shall have such materials covered at all times if the control measure is necessary for

the materials being transported.

9) The permittee shall employ reasonably available control measures for wind erosion of the surface of the landfill for the purposes of ensuring compliance with the visible emission limitations.

10) 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.

Operational Restrictions

- 1) There shall be no open burning, in violation of OAC Chapter 3745-19, at this facility.
- 2) Waste oil shall not be applied as a dust suppressant on any roadways or parking areas.
- 3) A speed limit of 15 miles per hour shall be posted and enforced on all roadways and parking areas.
- 4) At the end of each operating day, the waste shall be covered with a 6 inch layer of soil or any other approved cover.

Monitoring and/or Record Keeping Requirements

- 1) Upon the design capacity of the landfill meeting or exceeding 2.5 million cubic meters or 2.5 megagrams, the permittee shall maintain records of the annual non-methane organic compound, NMOC, emission rate from the landfill, per 40 CFR 60 Subpart WWW. These records shall be maintained until the landfill is closed, and shall be made available for review by the Director or his/her representative during normal business hours.
- 2) Except as otherwise provided in this section, the permittee shall perform inspections of the roadways and parking areas in accordance with the following frequencies:

<u>Roadway and/or Parking Area</u>	<u>Minimum Inspection Frequency</u>
Paved roadways and Parking Areas	Daily
Unpaved Roadways and Parking Areas	Daily

3) 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.

4) The permittee may, upon receipt of written approval from the Northeast District Office of the 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, including those inspections that were not performed due to snow and/or ice cover or precipitation;

b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;

c. the dates the control measures were implemented; and

d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in 5) 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.

Reporting Requirements

1) The permittee shall submit a report, with calculations, that includes the annual NMOC emission rate within 90 days of the expansion permit being granted. The report shall also contain the design capacity of the landfill. This report is required per 40 CFR 60.757(a)(1)(i).

- 2) The permittee must submit a Title V Application within twelve months of becoming subject to the Title V permit program, in accordance with 40 CFR Part 60, Subpart WWW and OAC rule 3745-77-04.
- 3) If the NMOC emission rate equals or exceeds 50 megagrams per year, the permittee shall submit, within 12 months, a collection and control system design plan in compliance with 40 CFR 60.752(b)(2).
- 4) Within 18 months of the submittal of the collection and control system design plan, the collection and control system shall be installed.
- 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, 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.

Testing Requirements

- 1) Emissions from the landfill roadways and parking areas shall be calculated by using the emission factors set forth in AP-42 sections 13.2.1 and 13.2.2, paved roads and unpaved roads, respectively.
- 2) Emissions from the landfill operations shall be calculated by using the emission factors set forth in AP-42 sections 13.2.4 and 13.2.5, aggregate handling and storage piles and industrial wind erosion, respectively,
- 3) The visible particulate emissions of fugitive dust from roadways and parking areas and material handling and covering operations described in these terms and conditions shall be determined by using USEPA Method 22 and Method 9 as specified in 40 CFR 60, Appendix A.
- 4) The NMOC emissions described in these terms and conditions shall be determined as specified in 40 CFR 60.754.

Miscellaneous Requirements

- 1) Regulated asbestos shall not be accepted for disposal at this facility without prior Ohio EPA written approval.

2) The emissions from this facility are prohibited from causing a nuisance in accordance with OAC rule 3745-15-07. If Ohio EPA determines that emissions of odors from landfill operations are contributing to an odor nuisance, the permittee shall immediately undertake a program to reduce emissions or the impact of the emissions to eliminate the nuisance.