

Facility ID: 1483110286 Issuance type: Title V Final Permit

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part III" and before "I. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Facility ID: 1483110286 Issuance type: Title V Final Permit

Part II - Specific Facility Terms and Conditions

a State and Federally Enforceable Section

1. There are no storage piles being employed at this facility and the permit does not authorize the permittee to establish and maintain storage piles at this facility.
2. This facility is no longer accepting any waste. Therefore, this facility's only operations shall be to maintain and operate the control equipment and to conduct the quarterly testing for methane on the surface level.

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Facility ID: 1483110286 Issuance type: Title V Final Permit

b State Only Enforceable Section

1. The following insignificant emissions unit is located at this facility:
G001 - gasoline dispensing facility

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

[Go to Part III for Emissions Unit F001](#)
[Go to Part III for Emissions Unit F002](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1483110286 Issuance type: Title V Final Permit

Part III - Terms and Conditions for Emissions Units

[Go to the top of this document](#)

Facility ID: 1483110286 Emissions Unit ID: F001 Issuance type: Title V Final Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
paved roadways and parking areas	OAC rule 3745-31-05 (PTI 14-1338)	See sections A.I.2.f, h, j and l below.
	OAC rule 3745-17-08(B)	See section A.I.2.d below.
	OAC rule 3745-17-07(B)(1)	See section A.I.2.e below.
unpaved roadways and parking areas	OAC rule 3745-31-05 (PTI 14-1338)	See sections A.I.2.a, g, i, j and k below.
	OAC rule 3745-17-08(B)	See section A.I.2.d below.
	OAC rule 3745-17-07(B)(1)	See section A.I.2.e below.

2. Additional Terms and Conditions

- a. All unpaved roadways shall be covered with at least four inches of gravel. They shall be treated with water or other suitable dust suppressants to minimize or eliminate visible emissions of fugitive dust generated by vehicular traffic. Waste oil or brine from oil and gas production wells shall not be used as a dust suppressant.
- b. Speed zones of no more than 5 miles per hour shall be established, posted and enforced by the owner or operator for all vehicles operating within the facility.
- c. Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary to minimize or eliminate visible emissions of fugitive dust.
- d. This facility is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B).
- e. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B) pursuant to OAC rule 3745-17-07(B)(11)(e).
- f. The paved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:
 - paved roadways:
 - all paved roadways
 - paved parking areas:
 - all paved parking areas
- g. The unpaved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:

unpaved roadways:

all unpaved roadways

unpaved parking areas:

all unpaved parking areas

- h. The permittee shall employ best available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the paved roadways and parking areas by sweeping and watering at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- i. 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 or other suitable dust suppressants at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- j. 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.
- k. 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.
- l. 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.

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

II. Operational Restrictions

1. None

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

III. Monitoring and/or Record Keeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections each of the roadway segments and each parking area in accordance with the following frequencies:
- paved roadways and parking areas minimum inspection frequency
- all each day of use
- unpaved roadways and parking areas minimum inspection frequency
- all each day of use
2. 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 semi-annual 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 in section A.III.2.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 semi-annual basis within 30 days after the end of each six months.

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 appropriate Ohio EPA District Office or local air agency, 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.

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

IV. Reporting Requirements

1. The permittee shall submit deviation reports that identify:
 - a. each instance during which an inspection was required but not performed, 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.

If no deviations occurred during the reporting period, the permittee shall state so in the report. The permittee shall submit the reports to the Hamilton County Department of Environmental Services by January 31 of each year and shall cover the previous twelve calendar months.

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

V. Testing Requirements

1. None

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

VI. Miscellaneous Requirements

1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1483110286 Issuance type: Title V Final Permit

[Go to the top of this document](#)

Facility ID: 1483110286 Emissions Unit ID: F001 Issuance type: Title V Final Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
paved roadways and parking areas	none	none
unpaved roadways and parking areas	none	none

2. **Additional Terms and Conditions**

- 1. None

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

II. Operational Restrictions

- 1. None

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

III. Monitoring and/or Record Keeping Requirements

- 1. None

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

IV. Reporting Requirements

- 1. None

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

V. Testing Requirements

- 1. None

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

VI. Miscellaneous Requirements

- 1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1483110286 Issuance type: Title V Final Permit

Part III - Terms and Conditions for Emissions Units

[Go to the top of this document](#)

Facility ID: 1483110286 Emissions Unit ID: F002 Issuance type: Title V Final Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
existing municipal solid waste landfill (no longer accepting waste), equipped with gas collection system and enclosed combustion device (enclosed flare)	OAC rule 3745-76-07	See section A.I.2.a below.
	40 CFR 60.18(c)(1)	No visible emissions from the flare, except as provided by rule.
	40 CFR, Part 60, Subpart Cc	See section A.I.2.c below.
	40 CFR, Part 61, Subpart M	See sections A.2.e and A.2.f below.

2. Additional Terms and Conditions

- a. Design, construction, and siting of the gas extraction wells and gas collection system shall be in accordance with Ohio's Chapter 111(d) plan for existing MSW landfills as approved by the US EPA, the gas collection and control system design plan, and standard industry methods and practices

currently in use. The gas collection system shall:

- (a)
- i. be designed to handle the maximum expected gas flow rate, as calculated from equations specified in OAC rule 3745-76-10(A)(1), from the entire area of the landfill that warrants control over the intended use period of the gas control or treatment system equipment;
 - ii. collect gas from each area, cell, or group of cells in the landfill in which the initial solid waste has been placed for a period of 5 years or more if active, or 2 years or more if closed or at final grade;
 - iii. collect gas at a sufficient extraction rate;
 - iv. be designed to minimize off-site migration of subsurface gas; and
 - v. meet all other specifications for active collection systems specified in OAC rule 3745-76-14.
- b. All landfill gas collected shall be routed to a control system designed and operated within the parameters demonstrated during the performance test to reduce non-methane organic compounds (NMOC) emissions by 98 weight-percent, or when an enclosed combustion device is used for control, to either reduce NMOC emissions by 98 weight-percent or reduce the outlet NMOC concentration to less than 20 parts per million by volume, dry basis as hexane at 3 percent oxygen. The NMOC concentration shall be determined by methods specified in OAC rule 3745-76-09(D).
- c. The equipment that constitutes the gas collection and control system shall be properly maintained and kept in good operating condition at all times.
- d. The collection and control system may be capped or removed provided that all the conditions of OAC rule 3745-76-07(B)(2)(e)(i), (ii) & (iii) are met.
- e. The permittee shall comply with one of the following requirements for this inactive waste disposal site containing asbestos:
- i. discharge no visible emissions from the inactive waste disposal site; or
 - ii. cover the asbestos-containing waste material with at least six inches of compacted nonasbestos-containing material, and grow and maintain a cover of vegetation on the area adequate to prevent exposure of the asbestos-containing waste material; or
 - iii. cover the asbestos-containing waste material with at least two feet of compacted nonasbestos-containing material, and maintain the cover to prevent exposure of the asbestos-containing waste material.
- f. Unless a natural barrier adequately deters access by the general public to the inactive asbestos waste disposal site, the permittee shall install and maintain warning signs and fencing as follows, or comply with OAC rule 3745-20-07(A)(2) or (A)(3) of this rule:
- i. Display warning signs at all entrances and at intervals of three hundred 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 twenty-inch by fourteen-inch upright format warning sign and display the following legend in the lower panel with letter sizes of at least one inch sans serif. Spacing between any two lines must be at least equal to the height of the upper of the two lines:

ASBESTOS WASTE DISPOSAL SITE
DO NOT CREATE DUST
BREATHING ASBESTOS IS HAZARDOUS TO YOUR HEALTH
 - ii. Fence the perimeter of the site in a manner adequate to deter access by the general public.

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

II. Operational Restrictions

1. Whenever the flare is in operation, a temperature of at least 1400 degrees Fahrenheit (or higher temperature needed to ensure a 98 weight-percent destruction of the NMOCs), measured by the temperature indicator, must be maintained.
2. In the event the collection or control system is inoperable, the gas mover system shall be shut down and all valves in the collection and control system contributing to venting of the gas to the atmosphere shall be closed within one hour.
3. All recording devices shall be synchronized based on the time of day.
4. The skin temperature of the flare shroud within four feet of all the source test ports shall not exceed 250 degrees Fahrenheit. If a heat shield is required to meet the requirement, its design shall be approved by the Ohio EPA prior to its construction. The heat shield, if required to meet the temperature requirement, shall be in place whenever a source test is conducted for the Ohio EPA.

5. The gas collection system shall be operated in such a manner as to provide negative pressure at each wellhead except under the following conditions:
 - a. A fire or increased well temperature. (The permittee shall record instances when positive pressure occurs in efforts to avoid a fire.)
 - b. Use of a geomembrane or synthetic cover. (The permittee shall develop acceptable pressure limits in the design plan.)
 - c. A decommissioned well. (A well may experience a static positive pressure after shutdown to accommodate for declining flows. All design changes shall be approved by the Director of Ohio EPA.)
6. The permittee shall operate each interior wellhead in the collection system with a landfill gas temperature less than 55 degrees Celsius and with either a nitrogen level less than 20% or an oxygen level less than 5%. The permittee may establish a higher operating temperature, nitrogen, or oxygen value at a particular well. A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires or significantly inhibit the anaerobic decomposition by killing methanogens.
7. The permittee shall operate the collection system so that the methane concentration is less than 500 parts per million above the background at the surface of the landfill. As specified in OAC 3745-76-10(C)(3), compliance with the 500 parts per million limitation shall be determined at a distance between 5 and 10 centimeters above the surface of the landfill.

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the flare when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

 - a. all 3-hour blocks of time during which the average combustion temperature within the enclosed flare, when the emissions unit was in operation, was less than 1400 degrees Fahrenheit; and
 - b. a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
2. The permittee shall calibrate, maintain, and operate according to the manufacturer's specifications a device that records the flow to the flare, treatment system, and bypass stack. The flow measuring device shall collect and record the flow at least every fifteen minutes; or secure the bypass line valve in the closed position with a car-seal or lock-and-key type configuration. A visual inspection of the seal or closure mechanism shall be performed at least once every month to ensure that the valve is maintained in the closed position and that the gas flow is not diverted through the bypass line.
3. For the purpose of demonstrating whether the gas collection system flow rate is sufficient to determine compliance with OAC 3745-76-07(B)(2)(b)(i)(c), the permittee shall install a sampling port at each well and measure and record the gauge pressure in the gas collection header on a monthly basis.
4. The permittee shall, upon each visit to this closed facility, and at a minimum of once per month during normal operating conditions, visually inspect the flare and record whether or not any visible emissions are present.
5. The gas collection and control system shall be equipped with an auto-dial communication mechanism incorporated into it so that should a malfunction develop with the flare and/or blower system, the gas system technician will automatically be paged by phone.
6. For the purpose of identifying whether excess air infiltration into the landfill is occurring, the permittee shall monitor each well on a monthly basis for temperature and nitrogen or oxygen. This monitoring shall be performed in accordance with the methodology specified in OAC rule 3745-76-08(C).
7. On a quarterly basis, the permittee shall monitor surface concentrations of methane at the landfill. This monitoring shall be performed in accordance with the methodology specified in OAC rule 3745-76-10(C)& (D).
8. The permittee shall operate and maintain a temperature monitor and recorder which measures and records the skin temperature of the flare shroud when emissions testing is being conducted for the flare. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.
9. The permittee shall maintain the maximum expected gas generation flow rate as calculated by equations specified in 3745-76-10(A)(1) on site for the life of the control device.
10. The permittee shall maintain, for the life of the collection system, an up-to-date, readily accessible plot map showing each existing and planned collector in the system and provide a unique identification location label for each collector.
11. The permittee shall keep for at least 5 years up-to-date, readily accessible, on-site records of the maximum design capacity of the landfill, the current amount of solid waste in-place, and the year-to-year waste acceptance rate. Off-site records may be maintained if they are retrievable within 4 hours. Either hardcopy

- or electronic formats are acceptable. These records, may also be required by the Ohio EPA, Division of Solid and Infectious Waste Management, and shall satisfy this permit condition.
12. The permittee shall conduct surface testing around the perimeter of the collection area along a pattern that traverses the landfill at 30-meter intervals and where visual observations indicate elevated concentrations of landfill gas, such as distressed vegetation and cracks or seeps in the cover.
 13. The permittee shall maintain records of the following information:
 - a. The waste shipment record form for each shipment of ACMs.
 - b. The location, depth and area, and quantity in cubic yards of all ACMs within the disposal site, on a map or diagram of the disposal area.
 14. The permittee shall monitor surface concentrations of methane on a quarterly basis as follows:
 - a. Monitor surface concentrations of methane along the entire perimeter of the collection area and along a serpentine pattern spaced 30 meters apart (or a site-specific established spacing) for each collection area.
 - b. The background concentration shall be determined by moving the probe inlet upwind and downwind outside the boundary of the landfill at a distance of at least 30 meters from the perimeter wells.
 - c. Surface emission monitoring shall be performed in accordance with section 4.3.1 of Method 21 of Appendix A of 40 CFR, Part 60, except that the probe inlet shall be placed within 5 to 10 centimeters of the ground. Monitoring shall be performed during typical meteorological conditions.
 - d. Any reading of 500 parts per million or more above background at any location shall be recorded as a monitored exceedance and the actions specified below shall be taken. As long as the specified actions are taken, the exceedance is not a violation of the operational requirements listed in A.II.7:
 - i. The location of each monitored exceedance shall be marked and the location recorded.
 - ii. Cover maintenance or adjustments to the vacuum of the adjacent wells to increase the gas collection in the vicinity of each exceedance shall be made and the location shall be remonitored within 10 calendar days of detecting the exceedance.
 - iii. If the remonitoring of the location shows a second exceedance, additional corrective action shall be taken and the location shall be monitored again within 10 days of the second exceedance. If the remonitoring shows a third exceedance for the same location, a new well or other collection device shall be installed within 120 calendar days of the initial exceedance. An alternative remedy to the exceedance, such as upgrading the blower, header pipes or control device, and a corresponding timeline for installation may be submitted to the Ohio EPA for approval. No further monitoring of that location is required until the action specified has been taken.
 - iv. Any location that initially showed an exceedance but has a methane concentration less than 500 ppm methane above background at the 10-day remonitoring specified above shall be remonitored 1 month from the initial exceedance. If the 1-month remonitoring shows a concentration less than 500 parts per million above background, no further monitoring of that location is required until the next quarterly monitoring period. If the 1-month remonitoring shows an exceedance, the actions specified above shall be taken.

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

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IV. Reporting Requirements

1. Any breakdown or malfunction of the landfill gas flare resulting in the emission of raw landfill gas from the gas collection and control system for more than one hour shall be reported to the appropriate Ohio EPA District Office or local air agency within one hour after the occurrence, or as soon as reasonably possible, and immediate remedial measures shall be undertaken to correct the problem and prevent further emissions to the atmosphere.
2. In the event of a potential emergency, such as a fire within the landfill, wells affected may be temporarily shut off, which could result in a positive gauge pressure. The appropriate Ohio EPA District Office or local air agency shall be notified within one working day of any shutdowns of any wells.
3. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. an identification of each month during which the gauge pressure in the gas collection header gave a positive pressure reading, and the actual gauge pressure reading for each such month;
 - b. an identification of each period during which the temperature in the combustion device was less than 1400 degrees Fahrenheit, and a copy of the recorded chart for each such period;
 - c. an identification of each month during which temperature and nitrogen or oxygen limitations specified in A.II.6. were exceeded;
 - d. an identification of each quarter during which the methane concentration measured at the surface of the landfill was greater than 500 parts per million above the background levels (as specified in OAC 3745-76-10 (C)(3), compliance with the 500 parts per million limitation shall be determined at a distance between 5 and 10 centimeters above the surface of the landfill);
 - e. all periods when the gas stream is diverted from the control device or recovery system through a bypass line or the indication of bypass flow or any record which indicates that the bypass line valve was not maintained in the closed position; and

f. a listing of all periods when the collection system was not operating in excess of five days.

Should a deviation occur, the deviation report shall include details sufficient to determine compliance with the time line provisions established under OAC rule 3745-76-10.

All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit semi-annual reports which include an identification of any record showing that visible emissions were present from the flare. The reports shall be submitted by January 31 and July 31 of each year and shall cover the previous 6 calendar months.
5. The permittee shall submit an equipment removal report to the appropriate Ohio EPA District Office or local air agency thirty days prior to the removal or cessation of operation of the control equipment. This report shall contain the information specified in OAC rule 3745-76-12(E)(1).

The permittee shall submit an equipment installation report to the appropriate Ohio EPA District Office or local air agency for expansions added pursuant to OAC rule 3745-76-10(A)(3), (B), and (C)(4). This report shall include the date, location, and description of the expansion.

6. In addition to the initial performance test report required in OAC rule 3745-76-07(B)(2)(c)(ii), the permittee shall submit the information required in OAC rule 3745-76-12(G)(1) through (5).
7. The permittee shall submit, upon closure of the facility, a copy of the records of the asbestos waste disposal locations and quantities.
8. The permittee shall notify the appropriate Ohio EPA District Office or local air agency in writing at least 45 days prior to excavating or otherwise disturbing any asbestos-containing waste material that has been deposited at a waste disposal site and is covered. If the excavation will begin on a date other than the one contained in the original notice, notice of the new start date must be provided at least 10 working days before excavation begins and in no event shall excavation begin earlier than the date specified in the original notification. The following information shall be included in the notice:
 - a. Scheduled starting and completion dates.
 - b. Reason for disturbing the waste.
 - c. Procedures to be used to control emissions during the excavation, storage, transport, and ultimate disposal of the excavated asbestos-containing waste material. (If deemed necessary, the Director may require changes in the proposed emission control procedures).
 - d. Location of any temporary storage site and the final disposal site.

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

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V. Testing Requirements

1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 6 months after issuance of this Title V permit, within 2.5 after the issuance of this permit, and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the control efficiency specified in A.1.2.c.
 - c. The following test methods shall be employed to demonstrate compliance with the control efficiency:

for NMOC - Method 25C or 18 of 40 CFR, Part 60, Appendix A

Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA; and
 - d. The tests shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Hamilton County Department of Environmental Services. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Hamilton County Department of Environmental Services refusal to accept the results of the emission test(s).

Personnel from the Hamilton County Department of Environmental Services shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Hamilton County Department of Environmental Services within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Hamilton County Department of Environmental Services.
2. Compliance with the no visible emission limitation from the flare shall be determined by Method 22 of 40 CFR,

Part 60, Appendix A.

3. The nitrogen level shall be determined using Method 3C of 40 CFR, Part 60, Appendix A, unless an alternative test method is established as allowed by 40 CFR, Part 60.752(b)(2)(i).
4. The oxygen level shall be determined by an oxygen meter using Method 3A of 40 CFR, Part 60, Appendix A, unless an alternative method is established as allowed by 40 CFR, Part 60.752(b)(2)(i), except that:
 - a. the span shall be set so the regulatory limit is between 20 and 50% of the span;
 - b. a data recorder is not required;
 - c. only two calibration gases are required, a zero and span, and ambient air may be used as the span;
 - d. a calibration error check is not required; and
 - e. the allowable sample bias, zero drift, and calibration drift are plus or minus 10%.

USEPA Region V, has approved the use of the LANDTEC GEM 500 Gas Extraction Monitor as an alternative to Method 3A for monitoring the oxygen level.
5. The permittee shall conduct or have conducted, within 90 days after the installation of the collection and control system, an initial performance test to demonstrate that the flare can operate in conformance with the requirements specified in 40 CFR, Part 60.18. The net heating value of the gas being combusted in the flare and the actual exit velocity of the flare shall be determined in accordance with the procedures and methods specified in 40 CFR, Part 60.18. The visible emissions evaluation shall be conducted in accordance with the procedures specified in Section A.V.2 of this permit.
6. After the installation of a collection and control system in compliance with 40 CFR, Part 60.755, the permittee shall calculate the NMOC emission rate for the purposes of determining when the system can be removed as provided in 40 CFR, Part 60.752(b)(2)(v) in accordance with the equation and procedures specified 40 CFR, Part 60.754(b), (b)(1), and (b)(2). The permittee may use another method to determine landfill gas flow rate and NMOC concentration if the method has been approved by the Ohio EPA as provided in 40 CFR, Part 60.752(b)(2)(i)(B).

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 1483110286 Issuance type: Title V Final Permit

[Go to the top of this document](#)

Facility ID: 1483110286 Emissions Unit ID: F002 Issuance type: Title V Final Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

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

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
existing municipal solid waste landfill (no longer accepting waste), equipped with gas collection system and enclosed combustion device	none	none

2. **Additional Terms and Conditions**

1. None

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

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II. **Operational Restrictions**

1. None

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

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

1. None

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

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IV. **Reporting Requirements**

1. None

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

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V. **Testing Requirements**

1. None

[Go to the top of this document](#)

[Go to the top of Part III for this Emissions Unit](#)

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VI. **Miscellaneous Requirements**

1. None