

**STATE OF MISSISSIPPI
AIR POLLUTION CONTROL
TITLE V PERMIT
TO OPERATE AIR EMISSIONS EQUIPMENT
THIS CERTIFIES THAT**

**Waste Management of Tunica Landfill, Inc.
6035 Bowdre Road
Robinsonville, Mississippi
Tunica County**

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with Title V of the Federal Clean Air Act (42 U.S.C.A. § 7401 - 7671) and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

Permit Issued:

Effective Date: As specified herein.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

**AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Expires: (Date not to exceed 5 yrs from issuance))

Permit No.: 2660-00033

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APPENDIX A LIST OF ABBREVIATIONS USED IN THIS PERMIT

OTHER RELATED DOCUMENTS

Available at <http://www.ecfr.gov/cgi-bin/ECFR>

40 CFR 60, SUBPART A – GENERAL PROVISIONS

**40 CFR 60, SUBPART WWW – STANDARDS OF PERFORMANCE FOR
MUNICIPAL SOLID WASTE LANDFILLS**

**40 CFR 61, SUBPART M – NATIONAL EMISSIONS STANDARDS FOR
ASBESTOS**

40 CFR 63, SUBPART A – GENERAL PROVISIONS

**40 CFR 63, SUBPART AAAA – NATIONAL EMISSION STANDARDS FOR
HAZARDOUS AIR POLLUTANTS: MUNICIPAL SOLID WASTE LANDFILLS**

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SECTION 1. GENERAL CONDITIONS

- 1.1 The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Federal Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(a))**
- 1.2 It shall not be a defense for a 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 conditions of this permit. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(b))**
- 1.3 This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(c))**
- 1.4 (a) This permit shall be reopened and revised under any of the following circumstances:
- (1) Additional applicable requirements under the Federal Act become applicable to a major Title V source with a remaining permit term of 3 or more years. Such a reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended.
 - (2) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
 - (3) The Permit Board or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emission standards or other terms or conditions of the permit.
 - (4) The Administrator or the Permit Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- (b) Proceedings to reopen and issue this permit shall follow the same procedures as apply to initial permit issuance and shall only affect those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.

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- (c) Reopenings shall not be initiated before a notice of such intent is provided to the Title V source by the DEQ at least 30 days in advance of the date that the permit is to be reopened, except that the Permit Board may provide a shorter time period in the case of an emergency.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.G.)

- 1.5 The permittee shall furnish to the DEQ within a reasonable time any information the DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permittee or, for information to be confidential, the permittee shall furnish such records to DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(e))**
- 1.6 This permit does not convey any property rights of any sort, or any exclusive privilege. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(d))**
- 1.7 The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(5))**
- 1.8 The permittee shall pay to the DEQ an annual permit fee. The amount of fee shall be determined each year based on the provisions of regulated pollutants for fee purposes and the fee schedule specified in the Commission on Environmental Quality's order which shall be issued in accordance with the procedure outlined in Regulation 11 Miss. Admin. Code Pt. 2, Ch. 6.
 - (a) For purposes of fee assessment and collection, the permittee shall elect for actual or allowable emissions to be used in determining the annual quantity of emissions unless the Commission determines by order that the method chosen by the applicant for calculating actual emissions fails to reasonably represent actual emissions. Actual emissions shall be calculated using emission monitoring data or direct emissions measurements for the pollutant(s); mass balance calculations such as the amounts of the pollutant(s) entering and leaving process equipment and where mass balance calculations can be supported by direct measurement of process parameters, such direct measurement data shall be supplied; published emission factors such as those relating release quantities to throughput or equipment type (e.g., air emission factors); or other approaches such as engineering calculations (e.g., estimating volatilization using published mathematical formulas) or best engineering judgments where such judgments are derived from process and/or

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emission data which supports the estimates of maximum actual emission.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.A(2))

- (b) If the Commission determines that there is not sufficient information available on a facility's emissions, the determination of the fee shall be based upon the permitted allowable emissions until such time as an adequate determination of actual emissions is made. Such determination may be made anytime within one year of the submittal of actual emissions data by the permittee. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.A(2)) If at any time within the year the Commission determines that the information submitted by the permittee on actual emissions is insufficient or incorrect, the permittee will be notified of the deficiencies and the adjusted fee schedule. Past due fees from the adjusted fee schedule will be paid on the next scheduled quarterly payment time. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.D(2))
 - (c) The fee shall be due September 1 of each year. By July 1 of each year the permittee shall submit an inventory of emissions for the previous year on which the fee is to be assessed. The permittee may elect a quarterly payment method of four (4) equal payments; notification of the election of quarterly payments must be made to the DEQ by the first payment date of September 1. The permittee shall be liable for penalty as prescribed by State Law for failure to pay the fee or quarterly portion thereof by the date due. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.D.)
 - (d) If in disagreement with the calculation or applicability of the Title V permit fee, the permittee may petition the Commission in writing for a hearing in accordance with State Law. Any disputed portion of the fee for which a hearing has been requested will not incur any penalty or interest from and after the receipt by the Commission of the hearing petition. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.C.)
- 1.9 No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(8))
- 1.10 Any document required by this permit to be submitted to the DEQ shall contain a certification by a responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.2.E.)
- 1.11 The permittee shall allow the DEQ, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to perform the following:
- (a) enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of

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this permit;

- (b) have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - (c) inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
 - (d) as authorized by the Federal Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.C(2))**
- 1.12 Except as otherwise specified or limited herein, the permittee shall have necessary sampling ports and ease of accessibility for any new air pollution control equipment, obtained after May 8, 1970, and vented to the atmosphere. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.I(1))**
- 1.13 Except as otherwise specified or limited herein, the permittee shall provide the necessary sampling ports and ease of accessibility when deemed necessary by the Permit Board for air pollution control equipment that was in existence prior to May 8, 1970. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.I(2))**
- 1.14 Compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance where such applicable requirements are included and are specifically identified in the permit or where the permit contains a determination, or summary thereof, by the Permit Board that requirements specifically identified previously are not applicable to the source. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.F(1))**
- 1.15 Nothing in this permit shall alter or affect the following:
- (a) the provisions of Section 303 of the Federal Act (emergency orders), including the authority of the Administrator under that section;
 - (b) the liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
 - (c) the applicable requirements of the acid rain program, consistent with Section 408(a) of the Federal Act.
 - (d) the ability of EPA to obtain information from a source pursuant to Section 114 of the Federal Act. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.F(2))**

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- 1.16 The permittee shall comply with the requirement to register a Risk Management Plan if permittee's facility is required pursuant to Section 112(r) of the Act to register such a plan. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.H.)**
- 1.17 Expiration of this permit terminates the permittee's right to operate unless a timely and complete renewal application has been submitted. A timely application is one which is submitted at least six (6) months prior to expiration of the Title V permit. If the permittee submits a timely and complete application, the failure to have a Title V permit is not a violation of regulations until the Permit Board takes final action on the permit application. This protection shall cease to apply if, subsequent to the completeness determination, the permittee fails to submit by the deadline specified in writing by the DEQ any additional information identified as being needed to process the application. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.C(2)., R. 6.4.B., and R. 6.2.A(1)(c))**
- 1.18 The permittee is authorized to make changes within their facility without requiring a permit revision (ref: Section 502(b)(10) of the Act) if:
- (a) the changes are not modifications under any provision of Title I of the Act;
 - (b) the changes do not exceed the emissions allowable under this permit;
 - (c) the permittee provides the Administrator and the Department with written notification in advance of the proposed changes (at least seven (7) days, or such other time frame as provided in other regulations for emergencies) and the notification includes:
 - (1) a brief description of the change(s),
 - (2) the date on which the change will occur,
 - (3) any change in emissions, and
 - (4) any permit term or condition that is no longer applicable as a result of the change;
 - (d) the permit shield shall not apply to any Section 502(b)(10) change. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.F(1))**
- 1.19 Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule or, in the absence of an approved schedule, with the appropriate requirements specified in 11

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Miss. Admin. Code Pt. 2, Ch. 3., "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared. **(Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 3.)**

- 1.20 Except as otherwise provided herein, a modification of the facility may require a Permit to Construct in accordance with the provisions of Regulations 11 Miss. Admin. Code Pt. 2, Ch. 2., "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment", and may require modification of this permit in accordance with Regulations 11 Miss. Admin. Code Pt. 2, Ch. 6., "Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act". Modification is defined as "(a)ny physical change in or change in the method of operation of a facility which increases the actual emissions or the potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:
- (a) routine maintenance, repair, and replacement;
 - (b) use of an alternative fuel or raw material by reason of an order under Sections 2 (a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;
 - (c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;
 - (d) use of an alternative fuel or raw material by a stationary source which:
 - (1) the source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166; or
 - (2) the source is approved to use under any permit issued under 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166;
 - (e) an increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Subpart I or 40 CFR 51.166; or

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- (f) any change in ownership of the stationary source."
- 1.21 Any change in ownership or operational control must be approved by the Permit Board. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.D(4))**
- 1.22 This permit is a Federally approved operating permit under Title V of the Federal Clean Air Act as amended in 1990. All terms and conditions, including any designed to limit the source's potential to emit, are enforceable by the Administrator and citizens under the Federal Act as well as the Commission. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.B(1))**
- 1.23 Except as otherwise specified or limited herein, the open burning of residential, commercial, institutional, or industrial solid waste, is prohibited. This prohibition does not apply to infrequent burning of agricultural wastes in the field, silvicultural wastes for forest management purposes, land-clearing debris, debris from emergency clean-up operations, and ordnance. Open burning of land-clearing debris must not use starter or auxiliary fuels which cause excessive smoke (rubber tires, plastics, etc.); must not be performed if prohibited by local ordinances; must not cause a traffic hazard; must not take place where there is a High Fire Danger Alert declared by the Mississippi Forestry Commission or Emergency Air Pollution Episode Alert imposed by the Executive Director and must meet the following buffer zones.
- (a) Open burning without a forced-draft air system must not occur within 500 yards of an occupied dwelling.
 - (b) Open burning utilizing a forced-draft air system on all fires to improve the combustion rate and reduce smoke may be done within 500 yards of but not within 50 yards of an occupied dwelling.
 - (c) Burning must not occur within 500 yards of commercial airport property, private air fields, or marked off-runway aircraft approach corridors unless written approval to conduct burning is secured from the proper airport authority, owner or operator. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.G.)**
- 1.24 Except as otherwise specified herein, the permittee shall be subject to the following provision with respect to emergencies.
- (a) Except as otherwise specified herein, an "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative

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maintenance, careless or improper operation, or operator error.

- (b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.
- (c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows:
 - (1) an emergency occurred and that the permittee can identify the cause(s) of the emergency;
 - (2) the permitted facility was at the time being properly operated;
 - (3) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
 - (4) the permittee submitted notice of the emergency to the DEQ within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
- (d) In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.G.)**

1.25 Except as otherwise specified herein, the permittee shall be subject to the following provisions with respect to upsets, startups, shutdowns and maintenance.

- (a) Upsets (as defined by 11 Miss. Admin. Code Pt. 2, R. 1.2.KK.)
 - (1) The occurrence of an upset constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards or other requirements of Applicable Rules and Regulations or any applicable permit if the permittee demonstrates through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows:

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- (i) an upset occurred and that the permittee can identify the cause(s) of the upset;
 - (ii) the source was at the time being properly operated;
 - (iii) during the upset the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit;
 - (iv) the permittee submitted notice of the upset to the DEQ within 5 working days of the time the upset began; and
 - (v) the notice of the upset shall contain a description of the upset, any steps taken to mitigate emissions, and corrective actions taken.
 - (2) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
 - (3) This provision is in addition to any upset provision contained in any applicable requirement.
- (b) Startups and Shutdowns (as defined by 11 Miss. Admin. Code Pt. 2, R. 1.2.HH. & R. 1.2.CC.)
- (1) Startups and shutdowns are part of normal source operation. Emissions limitations applicable to normal operation apply during startups and shutdowns except as follows:
 - (i) when sudden, unavoidable breakdowns occur during a startup or shutdown, the event may be classified as an upset subject to the requirements above;
 - (ii) when a startup or shutdown is infrequent, the duration of excess emissions is brief in each event, and the design of the source is such that the period of excess emissions cannot be avoided without causing damage to equipment or persons; or
 - (iii) when the emissions standards applicable during a startup or shutdown are defined by other requirements of Applicable Rules and Regulations or any applicable permit.

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- (2) In any enforcement proceeding, the permittee seeking to establish the applicability of any exception during a startup or shutdown has the burden of proof.
 - (3) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply.
- (c) Maintenance.
- (1) Maintenance should be performed during planned shutdown or repair of process equipment such that excess emissions are avoided. Unavoidable maintenance that results in brief periods of excess emissions and that is necessary to prevent or minimize emergency conditions or equipment malfunctions constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards, or other regulatory requirements if the permittee can demonstrate the following:
 - (i) the permittee can identify the need for the maintenance;
 - (ii) the source was at the time being properly operated;
 - (iii) during the maintenance the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit;
 - (iv) the permittee submitted notice of the maintenance to the DEQ within 5 working days of the time the maintenance began or such other times as allowed by DEQ; and
 - (v) the notice shall contain a description of the maintenance, any steps taken to mitigate emissions, and corrective actions taken.
 - (2) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof.
 - (3) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.10.)**

1.26 The permittee shall comply with all applicable standards for demolition and renovation activities pursuant to the requirements of 40 CFR Part 61, Subpart M, as adopted by

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reference in Regulation 11 Miss Admin. Code Pt. 2, R. 1.8. The permittee shall not be required to obtain a modification of this permit in order to perform the referenced activities.

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SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES

Emission Point	Description
AA-001	Municipal solid waste landfill with a design capacity of 27,000,000 yd ³ , with a gas collection and control system (GCCS) vented to a 3,400 scfm candlestick flare (Parnel PNL-101) for the combustion of Landfill Gas.
AA-002	Fugitive emissions from onsite roads

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SECTION 3. EMISSION LIMITATIONS & STANDARDS

A. Facility-Wide Emission Limitations & Standards

- 3.A.1 Except as otherwise specified or limited herein, the permittee shall not cause, permit, or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial or waste disposal process which exceeds forty (40) percent opacity subject to the exceptions provided in (a) & (b).
- (a) Startup operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per startup in any one hour and not to exceed three (3) startups per stack in any twenty-four (24) hour period.
 - (b) Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed 60 percent opacity, and provided further that the aggregate duration of such emissions during any twenty-four (24) hour period does not exceed ten (10) minutes per billion BTU gross heating value of fuel in any one hour. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.A.)**
- 3.A.2 Except as otherwise specified or limited herein, the permittee shall not cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in Paragraph 3.A.1. This shall not apply to vision obscuration caused by uncombined water droplets. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.B.)**

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B. Emission Point Specific Emission Limitations & Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
AA-001	40 CFR 60, Subpart WWW Standards of Performance for Municipal Solid Waste Landfills, 40 CFR 60.750	3.B.1	NMOC	Applicability
	40 CFR 60.752(b)(2)(iii)(A), Subpart WWW	3.B.2	NMOC	Route all collected gas to the open flare
	40 CFR 60.752(b)(2)(iv), Subpart WWW	3.B.3		Control system must be operated according to 40 CFR 60.753, 60.755 and 60.756.
	40 CFR 60.752(b)(2)(v), Subpart WWW	3.B.4		Closure Requirements
	11 Miss. Admin. Code Pt. 2, R. 1.4.B(2).	3.B.5	H ₂ S	Control gas streams containing H ₂ S in excess of 1 gr/100 scf
	National Emission Standard for Asbestos, 40 CFR 61, Subpart M 40 CFR 61.140 and 61.154	6	Asbestos	Applicability
	40 CFR 61.154(a), (c), or (d), Subpart M	3.B.7	Visible Emissions or Work Practices	No visible emissions to outside air where asbestos-containing material has been deposited, or Establish daily cover of asbestos-containing waste material, or Use an alternative emissions control method upon written approval by MDEQ.
	40 CFR 61.154(b), Subpart M	3.B.8	Signage and Fencing	Warning signs and fencing must be installed and maintained, unless otherwise noted
	40 CFR 60.18(c)(2), Subpart A	3.B.9	Operating Requirement	Flare operated with a flame present at all times
	40 CFR 60.18(c)(1), Subpart A	3.B.10	Visible Emissions	No visible emissions except for periods not to exceed a total of 5 minutes during any 2 consecutive

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Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
				hours
	40 CFR 60.18(c)(3)-(6), Subpart A	3.B.11	Flare Design Requirements	Flare must be designed and operated according to 40 CFR 60.18(c)(3)-(6)
	40 CFR 60.18(e), Subpart A	3.B.12	Operating Requirement	Flare operated at all times when emissions may be vented to it
	National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills, 40 CFR 63, Subpart AAAA 40 CFR 63.1930, 63.1935(a)(3), 63.1940(a), 63.1945(f), 63.1950, and 63.1955(b)	3.B.13	HAP	Applicability as an existing affected area source

- 3.B.1 The permittee is subject to and shall comply with all applicable requirements of the Standards of Performance for Municipal Solid Waste Landfills, 40 CFR 60, Subpart WWW. **(Ref.: 40 CFR 60.750, Subpart WWW)**

For Emission Point AA-001, the permittee shall route all collected gas to the open flare designed and operated in compliance with 40 CFR 60.18. **(Ref.: 40 CFR 60.752(b)(2)(iii)(A))**

- 3.B.2 For Emission Point AA-001, the permittee shall operate the collection and control device installed to comply with Subpart WWW in accordance with 40 CFR 60.753, 60.755 and 60.756. **(Ref.: 40 CFR 60.752(b)(2)(iv))**
- 3.B.3 For Emission Point AA-001, the permittee may cap or remove the collection and control system provided that all of the conditions of paragraphs (a), (b), and (c) are met:
- (a) The landfill shall be a closed landfill as defined in 40 CFR 60.751 of Subpart WWW. A closure report shall be submitted to the MDEQ as provided in 40 CFR 60.757(d);
 - (b) The collection and control system shall have been in operation a minimum of 15 years; and

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- (c) Following the procedures specified in 40 CFR 60.754(b) of Subpart WWW, the calculated NMOC gas produced by the landfill shall be less than 50 megagrams per year on three successive test dates. The test dates shall be no less than 90 days apart and no more than 180 days apart. **(Ref.: 40 CFR 60.752(b)(2)(v))**
- 3.B.4 For Emission Point AA-001, the permittee shall not cause or permit the emission of any gas stream which contains hydrogen sulfide in excess of one grain per 100 standard cubic feet (1 gr/100 scf). Gas streams containing hydrogen sulfide in excess of 1 gr/100 scf shall be incinerated at temperatures of not less than 1600° F for a period of not less than 0.5 seconds, or processed in such manner which is equivalent to or more effective for the removal of hydrogen sulfide. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.4.B(2).)**
- 3.B.5 The permittee is subject to and shall comply with all applicable regulations of the National Emission Standard for Asbestos, 40 CFR 61, Subpart M. The permittee shall meet the requirements of 40 CFR 61.154, standards for active waste disposal sites receiving asbestos-containing waste material from any source covered under 40 CFR 61.149, 61.150, or 61.155. **(Ref.: 40 CFR 61.140 and 61.154, Subpart M)**
- 3.B.6 For Emission Point AA-001, the permittee shall comply with one of the following standards for asbestos-containing waste:
- (a) Either there must be no visible emissions to the outside air from any active waste disposal site where asbestos-containing waste material has been deposited or the requirements of (b) or (c) must be met.
 - (b) At the end of each operating day, or at least once every 24-hour period while the site is in continuous operation, the asbestos-containing waste material that has been deposited at the site during the operating day or previous 24-hour period shall:
 - (1) Be covered with at least 15 centimeters (6 inches) of compacted nonasbestos-containing material, or
 - (2) Be covered with a resinous or petroleum-based dust suppression agent that effectively binds dust and controls wind erosion. Such an agent shall be used in the manner and frequency recommended for the particular dust by the dust suppression agent manufacturer to achieve and maintain dust control. Other equally effective dust suppression agents may be used upon prior approval by the Department. For purposes of this paragraph, any used, spent, or other waste oil is not considered a dust suppression agent.

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- (c) Use an alternative emissions control method that has received prior written approval by the MDEQ according to the procedures described in 40 CFR 61.149(c)(2).

(Ref.: 40 CFR 61.154(a), (c), or (d), Subpart M)

- 3.B.7 For Emission Point AA-001, unless a natural barrier adequately deters access by the general public, either warning signs and fencing must be installed and maintained in accordance with 40 CFR 60.154(b)(1)-(3), or the requirements of 40 CFR 60.154(c)(1) must be met (i.e., the 6-inch daily cover requirement). **(Ref.: 40 CFR 61.154(b), Subpart M)**
- 3.B.8 For Emission Point AA-001, the permittee shall operate the flare with a flame present at all times. **(Ref.: 40 CFR 60.18(c)(2))**
- 3.B.9 For Emission Point AA-001, the flare shall be designed for and operated with no visible emissions as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any 2 consecutive hours. **(Ref.: 40 CFR 60.18(c)(1))**
- 3.B.10 For Emission Point AA-001, the permittee shall design and operate the flare in accordance with 40 CFR 60.18(c)(3)-(6). **(Ref.: 40 CFR 60.18(c)(3)-(6))**
- 3.B.11 For Emission Point AA-001, the flare shall be operated at all times when emissions may be vented to it. **(Ref.: 40 CFR 60.18(e))**
- 3.B.12 For Emission Point AA-001, the permittee is subject to and shall comply with all applicable regulations of the National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste (MSW) Landfills, 40 CFR Part 63, Subpart AAAAA. The affected source under Subpart AAAAA includes the entire disposal facility in a contiguous geographic space where household waste is placed in or on land. Emission Point AA-001 is an existing affected area source, and the permittee must comply with the requirements in 40 CFR 63.1960 through 63.1985 and the general provisions specified in Table 1 of Subpart AAAAA. The permittee is no longer required to comply with the requirements of Subpart AAAAA when controls are no longer required as specified in 40 CFR 60.752(b)(2)(v) of Subpart WWW, Condition 3.B.5 herein. **(Ref.: 40 CFR 63.1930, 63.1935(a)(3), 63.1940(a), 63.1945(f), 63.1950, and 63.1955(b))**

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C. Insignificant and Trivial Activity Emission Limitations & Standards

Insignificant Activity	Description
IA-000	Aboveground Tanks as listed below: <ul style="list-style-type: none"> • 110,000 gallon Leachate Tank • 110,000 gallon Leachate Tank • 110,000 gallon Leachate Tank • 5,500 gallon Sodium Hydroxide Tank • 5,500 gallon Sodium Hypochlorite Tank • 10,000 gallon Diesel Tank • 500 gallon Gasoline Tank • 300 gallon Gear Oil Tank • 300 gallon Hydraulic Oil Tank • 300 gallon Motor Oil Tank • 300 gallon Trans AST
IA-001	Solidification Basin
IA-002	Six Tray Air Stripper-Leachate Management
IA-011	Used Oil Space Heater

Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.C.1	PM	0.6 lbs/MMBTU
11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.C.2	SO ₂	4.8 lbs/MMBTU

- 3.C.1 The maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of less than 10 million BTU per hour heat input shall not exceed 0.6 pounds per million BTU per hour heat input. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a))**
- 3.C.2 The maximum discharge of sulfur oxides from any fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1))**

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D. Work Practice Standards

3.D.1 For Emission Point AA-001, the permittee shall:

- (a) Operate the gas collection system such that gas is collected from each area, cell, or group of cells in the MSW landfill in which solid waste has been in place for:
 - (1) 5 years or more if active; or
 - (2) 2 years or more if closed or at final grade;
- (b) Operate the gas collection system with negative pressure at each wellhead except under the following conditions:
 - (1) A fire or increased well temperature. The permittee shall record instances when positive pressure occurs in efforts to avoid a fire. These records shall be submitted with the annual reports as provided in 40 CFR 60.757(f)(1) in Condition 5.C.4 herein;
 - (2) Use of a geomembrane or synthetic cover. The permittee shall develop acceptable pressure limits in the design plan;
 - (3) A decommissioned well. A well may experience a static positive pressure after shut down to accommodate for declining flows. All design changes shall be approved by the MDEQ;
- (c) Operate each interior wellhead in the collection system with a landfill gas temperature less than 55°C and with either a nitrogen level less than 20 percent or an oxygen level less than 5 percent. 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 anaerobic decomposition by killing methanogens.
 - (1) The nitrogen level shall be determined using Method 3C, unless an alternative test method is established as allowed by Sec. 60.752(b)(2)(i) of Subpart WWW.
 - (2) Unless an alternative test method is established as allowed by Sec. 60.752(b)(2)(i) of Subpart WWW, the oxygen shall be determined by an oxygen meter using Method 3A except that:
 - (a) The span shall be set so that the regulatory limit is between 20 and 50 percent of the span;
 - (b) A data recorder is not required;
 - (c) Only two calibration gases are required, a zero and span, and

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ambient air may be used as the span;

- (d) A calibration error check is not required;
 - (e) The allowable sample bias, zero drift, and calibration drift are ± 10 percent.
- (d) Operate the gas collection system so that the methane concentration is less than 500 parts per million above background at the surface of the landfill. To determine if this level is exceeded, the permittee shall conduct surface testing around the perimeter of the collection area and 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. The permittee may establish an alternative traversing pattern that ensures equivalent coverage. A surface monitoring design plan shall be developed that includes a topographical map with the monitoring route and the rationale for any site-specific deviations from the 30 meter intervals. Areas with steep slopes or other dangerous areas may be excluded from the surface testing.
 - (e) Operate the system such that all collected gases are vented to a control system designed and operated in compliance with 40 CFR 60.752(b)(2)(iii). 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 1 hour; and
 - (f) Operate the control or treatment system at all times when the collected gas is routed to the system.
 - (g) If monitoring demonstrates that the operational requirements in paragraphs (b), (c), or (d) of this section are not met, corrective action shall be taken as specified in 40 CFR 60.755(a)(3) through (5) or 60.755(c) of Subpart WWW. If corrective actions are taken as specified in 40 CFR 60.755, the monitored exceedance is not a violation of the operational requirements in this section.

(Ref.: 40 CFR 60.753(a) – (g))

- 3.D.2 For Emission Point AA-001, the permittee must develop a written startup, shutdown, and malfunction (SSM) plan according to the provisions in 40 CFR 63.6(e)(3). A copy of this plan must be maintained on site. Failure to write or maintain a copy of the SSM plan is a deviation from the requirements of Subpart AAAA. **(Ref.: 40 CFR 63.1960)**

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SECTION 4. COMPLIANCE SCHEDULE

- 4.1 Unless otherwise specified herein, the permittee shall be in compliance with all requirements contained herein upon issuance of this permit.
- 4.2 Except as otherwise specified herein, the permittee shall submit to the Permit Board and to the Administrator of EPA Region IV a certification of compliance with permit terms and conditions, including emission limitations, standards, or work practices, by January 31 for the preceding calendar year. Each compliance certification shall include the following:
- (a) the identification of each term or condition of the permit that is the basis of the certification;
 - (b) the compliance status;
 - (c) whether compliance was continuous or intermittent;
 - (d) the method(s) used for determining the compliance status of the source, currently and over the applicable reporting period;
 - (e) such other facts as may be specified as pertinent in specific conditions elsewhere in this permit. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.C(5)(a), (c), & (d))**

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SECTION 5. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

A. General Monitoring, Recordkeeping and Reporting Requirements

- 5.A.1 The permittee shall install, maintain, and operate equipment and/or institute procedures as necessary to perform the monitoring and recordkeeping specified below.
- 5.A.2 In addition to the recordkeeping specified in Section 5.B., the permittee shall include with all records of required monitoring information the following:
- (a) the date, place as defined in the permit, and time of sampling or measurements;
 - (b) the date(s) analyses were performed;
 - (c) the company or entity that performed the analyses;
 - (d) the analytical techniques or methods used;
 - (e) the results of such analyses; and
 - (f) the operating conditions existing at the time of sampling or measurement. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(1).)**
- 5.A.3 Except as otherwise specified herein, the permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(2).)**
- 5.A.4 Except as otherwise specified herein, the permittee shall submit reports of any required monitoring by July 31 and January 31 for the preceding six-month period. All instances of deviations from permit requirements must be clearly identified in such reports and all required reports must be certified by a responsible official consistent with 11 Miss. Admin. Code Pt. 2, R. 6.2.E. **(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)**
- 5.A.5 Except as otherwise specified herein, the permittee shall report all deviations from permit requirements, including those attributable to upsets, the probable cause of such deviations, and any corrective actions or preventive measures taken. Said report shall be made within five (5) days of the time the deviation began. **(Ref.: 11 Miss. Admin.**

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Code Pt. 2, R. 6.3.A(3)(c)(2).)

- 5.A.6 Except as otherwise specified herein, the permittee shall perform emissions sampling and analysis in accordance with EPA Test Methods and with any continuous emission monitoring requirements, if applicable. All test methods shall be those versions or their equivalents approved by the MDEQ and the EPA.
- 5.A.7 The permittee shall maintain records of any alterations, additions, or changes in equipment or operation.

B. Specific Monitoring and Recordkeeping Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
AA-001	40 CFR 60.756(a), Subpart WWW	5.B.1	Temperature, Pressure, and N ₂ or O ₂ Concentration	Active gas collection monitoring
	40 CFR 60.756(c), Subpart WWW	5.B.2	Heat sensor, Flow	Install, calibrate, maintain, and operate a heat sensing device and flow meter
	40 CFR 60.756(f), Subpart WWW	5.B.3	Methane	Monitor surface concentrations of methane
	40 CFR 60.758(a), Subpart WWW	5.B.4	Records	Up-to-date, readily accessible records of the design capacity report, current amount of solid waste in place, and the yearly waste acceptance rate.
	40 CFR 60.758(b)(4)	5.B.5	Flare Records	Maintain records of flare design, performance measurements, and monitoring
	40 CFR 60.758(c)(4), Subpart WWW	5.B.6	Flare Records	Records of presence of a flame
	40 CFR 60.758(d), Subpart WWW	5.B.7	Collection System	Keep for the life of the collection system a plot map of each existing and planned collector
	40 CFR 60.758(e), Subpart WWW	5.B.8	Exceedances	Keep records of all collection and control system exceedances
	40 CFR 63.1980(a), Subpart AAAAA	5.B.9	Recordkeeping	Keep records in accordance with 40 CFR Part 60, Subpart WWW
	40 CFR 61.154(e), Subpart M	5.B.10		Maintain waste shipment records

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Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
	40 CFR 61.154(f), Subpart M	5.B.11	Asbestos Records	Maintain records of location, depth and area, and quantity of asbestos-containing waste material
	40 CFR 61.154(i), Subpart M	5.B.12	Recordkeeping	Provide records upon request
	40 CFR 63.1980(b) and Table 1 of Subpart AAAA	5.B.13	Recordkeeping	Keep records as specified in the applicable General Provisions of 40 CFR Part 60 and 63

5.B.1 For Emission Point AA-001, the permittee shall install a sampling port and a thermometer, other temperature measuring device, or an access port for temperature measurements at each wellhead and:

- (a) Measure the gauge pressure in the gas collection header on a monthly basis as provided in 40 CFR 60.755(a)(3);
- (b) Monitor nitrogen or oxygen concentration in the landfill gas on a monthly basis as provided in 40 CFR 60.755(a)(5); and
- (c) Monitor temperature of the landfill gas on a monthly basis as provided in 40 CFR 60.755(a)(5).

(Ref.: 40 CFR 60.756(a), Subpart WWW)

5.B.2 For Emission Point AA-001, the permittee shall install, calibrate, maintain and operate according to the manufacturer's specifications the following equipment for the open flare:

- (a) A heat sensing device, such as an ultraviolet beam sensor or thermocouple, at the pilot light or the flame itself to indicate the continuous presence of a flame.
- (b) A device that records flow to or bypass of the flare. The permittee shall either:
 - (1) Install, calibrate, and maintain a gas flow rate measuring device that records the flow to the control device at least every 15 minutes; or
 - (2) Secure the bypass line valve in the closed position with a car-seal or a 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

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valve is maintained in the closed position and that the gas flow is not diverted through the bypass line. **(Ref.: 40 CFR 60.756(c), Subpart WWW)**

- 5.B.3 For Emission Point AA-001, the permittee shall monitor surface concentrations of methane according to the instrument specifications and procedures provided in 40 CFR 60.755(d). Any closed landfill that has no monitored exceedances of the operational standard in three consecutive quarterly monitoring periods may skip to annual monitoring. Any methane reading of 500 ppm or more above background detected during the annual monitoring returns the frequency for that landfill to quarterly monitoring. **(Ref.: 40 CFR 60.756(f), Subpart WWW)**
- 5.B.4 For Emission Point AA-001, the permittee shall keep for at least five (5) years up-to-date, readily accessible, on-site records of the design capacity report which triggered 40 CFR 60.752(b), the current amount of solid waste in-place, and the year-by-year waste acceptance rate. Off-site records may be maintained if they are retrievable within four (4) hours. Either paper copy or electronic formats are acceptable. **(Ref.: 40 CFR 60.758(a), Subpart WWW)**
- 5.B.5 For Emission Point AA-001, the permittee shall keep up-to-date, readily accessible records for the life of the control equipment of the data listed below, as measured during the initial performance test or compliance determination. Records of subsequent tests or monitoring shall be maintained for a minimum of 5 years. Records of the control device vendor specifications shall be maintained until removal.
- (a) the flare type (i.e., steam-assisted, air-assisted, or nonassisted),
 - (b) all visible emission readings,
 - (c) heat content determination,
 - (d) flow rate or bypass flow rate measurements,
 - (e) exit velocity determinations made during the performance test as specified in 40 CFR 60.18;
 - (f) continuous records of the flare pilot flame or flare flame monitoring, and
 - (g) records of all periods of operations during which the pilot flame of the flare flame is absent.

(Ref.: 40 CFR 60.756(b)(4), Subpart WWW)

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- 5.B.6 For Emission Point AA-001, the permittee shall maintain for five (5) years up-to-date, readily accessible continuous records of the flame or flare pilot flame monitoring specified under 40 CFR 60.756(c), Condition 5.B.2 herein, and up-to-date, readily accessible records of all periods of operation in which the flame or flare pilot flame is absent. **(Ref.: 40 CFR 60.758(c)(4), Subpart WWW)**
- 5.B.7 For Emission Point AA-001, the permittee shall keep 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 providing a unique identification location label for each collector, including the following:
- (a) The installation date and location of all newly installed collectors as specified under 40 CFR 60.755(b), and
 - (b) The nature, date of deposition, amount, and location of asbestos-containing or nondegradable waste excluded from collection as provided in 40 CFR 60.759(a)(3)(i) as well as any nonproductive areas excluded from collection as provided in 40 CFR 60.759(a)(3)(ii).
- (Ref.: 40 CFR 60.758(d), Subpart WWW)**
- 5.B.8 For Emission Point AA-001, the permittee shall keep for at least 5 years up-to-date, readily accessible records of all collection and control system exceedances of the operational standards in 40 CFR 60.753 (Condition 3.D.1 herein), the reading in the subsequent month whether or not the second reading is an exceedance, and the location of each exceedance. **(Ref.: 40 CFR 60.758(e), Subpart WWW)**
- 5.B.9 For Emission Point AA-001, the permittee shall keep the records specified in 40 CFR 60.758 of Subpart WWW. **(Ref. 40 CFR 63.1980(a), Subpart AAAA)**
- 5.B.10 For all asbestos-containing waste material received, the permittee shall:
- (a) Maintain waste shipment records, using a form similar to that shown in Figure 4 in 40 CFR 61.149, and include the following information:
 - (1) The name, address, and telephone number of the waste generator.
 - (2) The name, address, and telephone number of the transporter(s).
 - (3) The quantity of the asbestos-containing waste material in cubic meters (or cubic yards).

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- (4) The presence of improperly enclosed or uncovered waste or any asbestos-containing waste material not sealed in leak-tight containers.
- (5) The date of the receipt.
- (b) As soon as possible and no longer than 30 days after receipt of the waste, send a copy of the signed waste shipment record to the waste generator.
- (c) Retain a copy of all records and reports required by this condition for five (5) years in accordance with Condition 5.A.3.

(Ref.: 40 CFR 61.154(e), Subpart M)

- 5.B.11 The permittee shall maintain, until closure, records of the location, depth and area, and quantity in cubic meters (or cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area. **(Ref.: 40 CFR 61.154(f), Subpart M)**
- 5.B.12 The permittee shall furnish upon request, and make available during normal business hours for inspection by the MDEQ, all records required under 40 CFR 61.154. **(Ref.: 40 CFR 61.154(i), Subpart M)**
- 5.B.13 For Emission Point AA-001, the permittee shall keep records as specified in the general provisions of 40 CFR Part 60 and 40 CFR Part 63 as shown in Table 1 of Subpart AAAA. Applicable records in the general provisions include items such as SSM Plans and SSM Plan Reports. **(Ref.: 40 CFR 63.1980(b) and Table 1 of Subpart AAAA)**

C. Specific Reporting Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Reporting Requirement
	40 CFR 60.757(d), Subpart WWW	5.C.1	Closure Report	Within 30 days of final waste acceptance, a closure report must be submitted.
	40 CFR 60.757(e), Subpart WWW	5.C.2	Equipment Removal Report	30 days prior to removal, an equipment removal report must be submitted.
	40 CFR 60.757(f), Subpart WWW; and 40 CFR 63.1955(c), 63.1965(c), and 63.1980(a), Subpart AAAA	5.C.3	Semiannual Landfill Compliance Reports	Submit semiannual compliance reports

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Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Reporting Requirement
	40 CFR 61.153(a)(5), Subpart M	5.C.4	Change in method of compliance	Report changes in information within 30 days
	40 CFR 63.1980(a) and Table 1 of Subpart AAAA	5.C.5	Operations	Semi-annual report
	40 CFR 61.154(e)(1)(iv), Subpart M	5.C.7	Improperly enclosed asbestos	If improperly enclosed asbestos-containing waste is brought to the site, submit a report the work day following receipt of the waste
	40 CFR 61.154(e)(3), Subpart M	5.C.8	Asbestos Waste Discrepancy	If an asbestos-containing waste discrepancy is not resolved within 15 days of receipt of waste, submit a report to the MDEQ.
	40 CFR 61.154(h), Subpart M	5.C.9	Asbestos	Submit records of asbestos waste disposal locations and quantities
	40 CFR 61.154(j), Subpart M	5.C.10	Asbestos-containing waste excavation	Notify MDEQ 45 days prior to excavating asbestos-containing waste material

- 5.C.1 For Emission Point AA-001, within 30 days of waste acceptance cessation, the permittee shall submit a closure report. **(Ref.: 40 CFR 60.757(d), Subpart WWW)**
- 5.C.2 For Emission Point AA-001, the permittee shall submit an equipment removal report 30 days prior to removal or cessation of operation of the control equipment containing the information in 40 CFR 60.757(e)(1)(i)-(iii). **(Ref.: 40 CFR 60.757(e), Subpart WWW)**
- 5.C.3 For Emission Point AA-001, the permittee shall submit semiannual reports containing the information required in 40 CFR 60.757(f)(1)-(6), in compliance with Condition 5.A.4. This report shall also include information on all deviations that occurred during the 6-month reporting period. A deviation occurs when a SSM plan is not developed or maintained on site. **(Ref.: 40 CFR 60.757(f), Subpart WWW, and 40 CFR 63.1955(c), 63.1965(c), 63.1980(a))**
- 5.C.4 For Emission Point AA-001, the permittee shall provide any changes in the information required per 40 CFR 61.153(a)(5) to the MDEQ within 30 days after the change. **(Ref.: 40 CFR 61.153(a)(5), Subpart M)**
- 5.C.5 For Emission Point AA-001, the permittee shall submit the annual report described in 40 CFR 60.757(f) of Subpart WWW and Condition 5.C.4, semi-annually in accordance with

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Condition 5.A.4.(**(Ref.: 40 CFR 63.1980(a) and Table 1 of Subpart AA)**

- 5.C.7 For Emission Point AA-001, the permittee shall report in writing to the MDEQ the presence of a significant amount of improperly enclosed or uncovered waste or any asbestos-containing waste material not sealed in leak-tight containers. The report shall be submitted on the work day following the receipt of such waste along with a copy of the waste shipment record. **(Ref.: 40 CFR 61.154(e)(1)(iv), Subpart M)**
- 5.C.8 For Emission point AA-001, upon discovering a discrepancy between the quantity of waste designated on the waste shipment records and the quantity actually received, the permittee shall attempt to reconcile the discrepancy with the waste generator. If the discrepancy is not resolved within 15 days after receiving the waste, immediately report the instance in writing to the MDEQ. Describe the discrepancy and attempts to reconcile it and submit a copy of the waste shipment record along with the report. **(Ref.: 61.154(e)(3), Subpart M)**
- 5.C.9 For Emission Point AA-001, the permittee shall submit a copy of all records of asbestos waste disposal locations and quantities upon closure of the facility. **(Ref.: 40 CFR 61.154(h), Subpart M)**
- 5.C.10 For Emission Point AA-001, the permittee shall notify the MDEQ in writing at least forty-five (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 to the MDEQ at least ten (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 MDEQ may require changes in the emission control procedures to be used.
 - (d) Location of any temporary storage site and the final disposal site.

(Ref.: 40 CFR 61.154(j), Subpart M)

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SECTION 6. ALTERNATIVE OPERATING SCENARIOS

6.1 None permitted.

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SECTION 7. TITLE VI REQUIREMENTS

The following are applicable or potentially applicable requirements originating from Title VI of the Clean Air Act – Stratospheric Ozone Protection. The full text of the referenced regulations may be found on-line at <http://ecfr.gpoaccess.gov> under Title 40, or MDEQ shall provide a copy upon request from the permittee.

- 7.1 If the permittee produces, transforms, destroys, imports or exports a controlled substance or imports or exports a controlled product, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart A – Production and Consumption Controls.
- 7.2 If the permittee performs service on a motor vehicle for consideration when this service involves the refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart B – Servicing of Motor Vehicle Air Conditioners.
- 7.3 The permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart E – The Labeling of Products Using Ozone-Depleting Substances, for the following containers and products:
 - (a) All containers in which a class I or class II substance is stored or transported;
 - (b) All products containing a class I substance; and
 - (c) All products directly manufactured with a process that uses a class I substance, unless otherwise exempted by this subpart or, unless EPA determines for a particular product that there are no substitute products or manufacturing processes for such product that do not rely on the use of a class I substance, that reduce overall risk to human health and the environment, and that are currently or potentially available. If the EPA makes such a determination for a particular product, then the requirements of this subpart are effective for such product no later than January 1, 2015.
- 7.4 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart F – Recycling and Emissions Reduction:
 - (a) Servicing, maintaining, or repairing appliances;
 - (b) Disposing of appliances, including small appliances and motor vehicle air conditioners; or

- (c) Refrigerant reclaimers, technician certifying programs, appliance owners and operators, manufacturers of appliances, manufacturers of recycling and recovery equipment, approved recycling and recovery equipment testing organizations, persons selling class I or class II refrigerants or offering class I or class II refrigerants for sale, and persons purchasing class I or class II refrigerants.
- 7.5 The permittee shall be allowed to switch from any ozone-depleting substance to any acceptable alternative that is listed in the Significant New Alternatives Policy (SNAP) program promulgated pursuant to 40 CFR Part 82, Subpart G – Significant New Alternatives Policy Program. The permittee shall also comply with any use conditions for the acceptable alternative substance.
- 7.6 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart H – Halon Emissions Reduction:
 - (a) Any person testing, servicing, maintaining, repairing, or disposing of equipment that contains halons or using such equipment during technician training;
 - (b) Any person disposing of halons;
 - (c) Manufacturers of halon blends; or
 - (d) Organizations that employ technicians who service halon-containing equipment.

APPENDIX A

List of Abbreviations Used In this Permit

11 Miss. Admin. Code Pt. 2, Ch. 1.	Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants
11 Miss. Admin. Code Pt. 2, Ch. 2.	Permit Regulations for the Construction and/or Operation of Air Emissions Equipment
11 Miss. Admin. Code Pt. 2, Ch. 3.	Regulations for the Prevention of Air Pollution Emergency Episodes
11 Miss. Admin. Code Pt. 2, Ch. 4.	Ambient Air Quality Standards
11 Miss. Admin. Code Pt. 2, Ch. 5.	Regulations for the Prevention of Significant Deterioration of Air Quality
11 Miss. Admin. Code Pt. 2, Ch. 6.	Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act
11 Miss. Admin. Code Pt. 2, Ch. 7.	Acid Rain Program Permit Regulations for Purposes of Title IV of the Federal Clean Air Act
BACT	Best Available Control Technology
CEM	Continuous Emission Monitor
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COM	Continuous Opacity Monitor
COMS	Continuous Opacity Monitoring System
MDEQ	Mississippi Department of Environmental Quality
EPA	United States Environmental Protection Agency
gr/dscf	Grains Per Dry Standard Cubic Foot
HP	Horsepower
HAP	Hazardous Air Pollutant
lbs/hr	Pounds per Hour
M or K	Thousand
MACT	Maximum Achievable Control Technology
MM	Million
MMBTUH	Million British Thermal Units per Hour
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emissions Standards For Hazardous Air Pollutants, 40 CFR 61
	or
	National Emission Standards For Hazardous Air Pollutants for Source Categories, 40 CFR 63
NMVOC	Non-Methane Volatile Organic Compounds
NMOC	Non-Methane Organic Compounds
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standards, 40 CFR 60
O&M	Operation and Maintenance
PM	Particulate Matter
PM ₁₀	Particulate Matter less than 10 µm in diameter
ppm	Parts per Million
PSD	Prevention of Significant Deterioration, 40 CFR 52
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOC	Volatile Organic Compound