

**STATE OF MISSISSIPPI
AIR POLLUTION CONTROL
TITLE V PERMIT**

TO OPERATE AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Quad County Environmental Solutions, LLC – Quad County Landfill
850 Wingo Road
(Quinn Road and Wingo Road)
Byhalia, Marshall County, Mississippi

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.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

Krystal Rudolph

AUTHORIZED SIGNATURE

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Permit Issued: September 12, 2023

Effective Date: As Specified Herein.

Expires: August 31, 2028

Permit No.: 1780-00053

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SECTION 1. GENERAL CONDITIONS

1.1 The permittee must comply with all conditions of this permit. Any permit non-compliance 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 Prior to its expiration, this permit may be reopened in accordance with the provisions listed below.

(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 three (3) or more years. Such a reopening shall be completed no later than eighteen (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 the 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.
- (c) Re-openings shall not be initiated before a notice of such intent is provided to the Title V source by the MDEQ at least thirty (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 MDEQ within a reasonable time any information the MDEQ 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 MDEQ copies of records required to be kept by the permittee or, for information to be confidential, the permittee shall furnish such records to the MDEQ 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 MDEQ 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 Mississippi Administrative Code, Title 11, Part 2, Chapter 6 – “Air Emissions Operating Permit Regulations for Purposes of Title V of the Federal Clean Air Act”.

- (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 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).)

- (c) 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).)

- (d) 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 MDEQ 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.)

- (e) 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 MDEQ 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 MDEQ, 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, emissions-related activity is conducted, or where records must be kept under the conditions of 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).)

- 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 Operating Permit (TVOP). If the permittee submits a timely and complete application, the failure to have a TVOP 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 MDEQ 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 timeframe as provided in other regulations for emergencies] and the notification includes the following:
 - (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 MDEQ 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 Mississippi Administrative Code, Title 11, Part 2, Chapter 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 Mississippi Administrative Code, Title 11, Part 2, Chapter 2 – “Permit Regulations for the Construction and/or Operation of Air Emissions Equipment”, and may require modification of this permit in accordance with Mississippi Administrative Code, Title 11, Part 2, Chapter 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, Subpart I (or 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 Part 51, Subpart I (or 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 Part 51, Subpart I (or 40 CFR 51.166); or
- (f) Any change in ownership of the stationary source.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.C.(15).)

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, silvi-cultural 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 an Emergency Air Pollution Episode Alert imposed by the Executive Director of the MDEQ and must meet the following buffer zones.

- (a) Open burning without a forced-draft air system must not occur within five hundred (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 fifty (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 non-compliance to the extent caused by improperly designed equipment, lack of preventative 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 Part (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 MDEQ within two (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, start-ups, and shutdowns.

- (a) Upsets (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
 - (1) For an upset, the Commission may pursue an enforcement action for noncompliance with an emission standard or other requirement of an applicable rule, regulation, or permit. In determining whether to pursue enforcement action, and/or the appropriate enforcement action to take, the Commission may consider whether the source has demonstrated through properly signed contemporaneous operating logs or other relevant evidence the following:
 - (i) An upset occurred and that the source can identify the cause(s) of the upset;
 - (ii) The source was at the time being properly operated;
 - (iii) During the upset the source took all reasonable steps to minimize levels of emissions that exceeded the emission standard or other requirement of an applicable rule, regulation, or permit;
 - (iv) That within five (5) working days of the time the upset began, the source submitted a written report to the Department describing the upset, the steps taken to mitigate excess emissions or any other non-compliance, and the corrective actions taken and;
 - (v) That as soon as practicable but no later than twenty-four (24) hours of becoming aware of an upset that caused an immediate adverse impact to human health or the environment beyond the source boundary or caused a general nuisance to the public, the source provided notification

to the Department.

- (2) In any enforcement proceeding by the Commission, the source 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.
 - (4) These upset provisions apply only to enforcement actions by the Commission and are not intended to prohibit EPA or third party enforcement actions.
- (b) Start-ups and Shutdowns (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
- (1) Start-ups and shutdowns are part of normal source operation. Emission limitations apply during start-ups and shutdowns unless source specific emission limitations or work practice standards for start-ups and shutdowns are defined by an applicable rule, regulation, or permit.
 - (2) Where the source is unable to comply with existing emission limitations established under the State Implementation Plan (SIP) and defined in this Mississippi Administrative Code, Title 11, Part 2, Chapter 1, the Department will consider establishing source specific emission limitations or work practice standards for start-ups and shutdowns. Source specific emission limitations or work practice standards established for start-ups and shutdowns are subject to the requirements prescribed in Mississippi Administrative Code, Title 11, Part 2, Chapter 1, Rule 1.10.B.(2)(a) through (e).
 - (3) Where an upset as defined in Rule 1.2 occurs during start-up or shutdown, see the upset requirements above.

(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 reference in Mississippi Administrative Code, Title 11, Part 2, Chapter 1, Rule 1.8. The permittee shall not be required to obtain a modification of this permit in order to perform the referenced activities.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.8.)

- 1.27 Regarding compliance testing (if applicable):

- (a) The results of any emissions sampling and analysis shall be expressed both in units consistent with the standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time.

- (b) Compliance testing will be performed at the expense of the permittee.
- (c) Each emission sampling and analysis report shall include (but not be limited to) the following:
 - (1) Detailed description of testing procedures;
 - (2) Sample calculation(s);
 - (3) Results; and
 - (4) Comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.6.B.(3), (4), and (6).)

SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES

Emission Point	Description
AA-001	Municipal Solid Waste Landfill [Permitted Design Capacity: 15,500,000 yd ³ (11,850,600 m ³) and 7,363,638 megagrams; the landfill will receive industrial waste, commercial waste, household waste (as defined by 40 CFR Part 60, Subpart XXX), and asbestos-containing waste.
AA-002	No. 1 Leachate Storage Tank (Design Capacity: 50,000 gallons)
AA-003	No. 2 Leachate Storage Tank (Design Capacity: 50,000 gallons)

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 or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial or waste disposal process that exceeds forty percent (40%) opacity subject to the exceptions provided below:

- (a) Start-up operations may produce emissions, which exceed 40% opacity for up to fifteen (15) minutes per start-up in any one (1) hour and not to exceed three (3) start-ups per stack in any twenty-four (24) hour period.
- (b) Emissions resulting from soot blowing operations (i.e. ash removal) shall be permitted provided such emissions do not exceed sixty percent (60%) 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 (1) 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 or allow the discharge into the ambient air from any point source 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 Condition 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.)

3.A.3 The permittee shall not cause or allow the emission of particles or any contaminants in sufficient amounts or of such duration from any process as to be injurious to humans, animals, plants, or property, or to be a public nuisance, or create a condition of air pollution.

- (a) The permittee shall not cause or permit the handling, transporting, or storage of any material in a manner which allows or may allow unnecessary amounts of particulate matter to become airborne.
- (b) When dust, fumes, gases, mist, odorous matter, vapors, or any combination thereof escape from a building or equipment in such a manner and amount as to cause a nuisance to property other than that from which it originated or to violate any other provision of 11 Miss. Admin. Code Pt. 2, Ch. 1, the Commission may order such corrected in a way that all air and gases or air and gas-borne material leaving the building or equipment are controlled or removed prior to discharge to the open air.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.C.)

B. EMISSION POINT SPECIFIC EMISSION LIMITATIONS & STANDARDS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Limit / Standard
AA-001	40 CFR Part 61, Subpart M – National Emission Standards for Asbestos 40 CFR 61.140 and 61.154; Subpart M	3.B.1	Asbestos	General Applicability
	40 CFR 61.151(a), (c), or (d); Subpart M	3.B.2		Visible Emission Requirements; Daily Coverage Requirements; or Alternative Emissions Control Methods Approved by EPA
	40 CFR 61.154(b); Subpart M	3.B.3		Installation and Maintenance of Signage and Fencing (Unless Otherwise Noted)
	40 CFR 61.154(g) and 61.151(a); Subpart M	3.B.4		Closure of Asbestos-Containing Waste Material Deposits
	40 CFR 61.154(g); Subpart M	3.B.5		Closure Requirements
	40 CFR Part 60, Subpart XXX – Standards of Performance for Municipal Solid Waste Landfills that Commenced Construction, Reconstruction, or Modification after July 17, 2014 40 CFR 60.760(a) and 60.762(d)(2); Subpart XXX	3.B.6	NMOCs	General Applicability

3.B.1 For Emission Point AA-001, the permittee is subject to and shall comply with all requirements found in 40 CFR Part 61, Subpart M – National Emission Standard for Asbestos.

For the purpose of this permit, the permittee is applicable to standards that apply to the active disposal of asbestos waste.

(Ref.: 40 CFR 61.140 and 61.154; Subpart M)

3.B.2 For Emission Point AA-001, the permittee shall operate any section in which asbestos-containing waste is deposited in accordance with one of the following options:

- (a) There must be no visible emissions to the outside air from the active waste disposal site;

- (b) The permittees shall cover the section at either the end of each operating day or once every 24-hour period (while the section is in continuous operation) in accordance with one of the following requirements:
 - (1) No less than six (6) inches of compacted non-asbestos-containing material; or
 - (2) 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.

The permittee shall obtain written approval from the MDEQ prior to the usage of any other equally effect dust suppression agent. For purpose of this option, any used, spent, or other waste oil is not considered a dust suppression agent.

- (c) Upon written approval from the EPA, the permittee may use an alternative emission control method that meets the criteria specified in 40 CFR 61.149(c)(2), Subpart M.

(Ref.: 40 CFR 61.151(a), (c), (d), and 61.157(b); Subpart M)

- 3.B.3 For Emission Point AA-001, the permittee shall install and maintain warning signs and fencing at the landfill in accordance with the following requirements **unless** a natural barrier adequately deters access by the general public or the permittee complies with Condition 3.B.2(b)(1):

- (a) Warning signs must be displayed at all entrances and at intervals of 330 feet or less along the property line of the site or along the perimeter of the sections where asbestos-containing waste material is deposited. The warning signs must meet the specific requirements found in 40 CFR 61.154(b)(1)(i) – (iii), Subpart M.
- (b) The perimeter of the disposal site must be fenced in a manner adequate to deter access by the general public;
- (c) Upon request and supply of appropriate information, the MDEQ will determine whether a fence or a natural barrier adequately deters access by the general public.

(Ref.: 40 CFR 61.154(b); Subpart M)

- 3.B.4 For Emission Point AA-001, the permittee shall close sections where asbestos-containing waste material is deposited in accordance with one of the following options:

- (a) There must be no visible emissions to the outside air from the inactive section(s);
- (b) The permittee shall cover the asbestos-containing waste material with at least six (6) inches of compacted non-asbestos-containing material and grow / maintain a cover of vegetation on the area adequate to prevent exposure of the asbestos-containing waste material; or

- (c) For an inactive section for asbestos tailings, a resinous or petroleum-based dust suppression agent that effectively binds dust to control surface air emissions may be used.

The permittee shall use the agent in the manner and frequency recommended for the particular asbestos tailings by the manufacturer of the dust suppression agent to achieve and maintain dust control. Obtain prior written approval of the MDEQ to use other equally effective dust suppression agents. For the purpose of this option, any used, spent, or other waste oil is not considered a dust suppression agent.

(Ref.: 40 CFR 61.154(g) and 61.151(a), Subpart M)

- 3.B.5 For Emission Point AA-001, the permittee shall comply with all of the provisions specified in 40 CFR 61.151, Subpart M upon closure of the landfill.

(Ref.: 40 CFR 61.154(g); Subpart M)

- 3.B.6 For Emission Point AA-001, the permittee is subject to and shall comply with all applicable requirements found in 40 CFR Part 60, Subpart XXX – Standards of Performance for Municipal Solid Waste Landfills that Commenced Construction, Reconstruction, or Modification after July 17, 2014.

In the event the MSW landfill is “closed” (as defined by Subpart XXX), the permittee is no longer subject to the requirement to maintain a Title V Operating Permit **if** the landfill is not otherwise subject to the Title V Program requirements **and** the permittee was never required to install a control system as required in 40 CFR 60.762(b)(2), Subpart XXX.

(Ref.: 40 CFR 60.760(a) and 60.762(d)(2); Subpart XXX)

C. INSIGNIFICANT AND TRIVIAL ACTIVITY EMISSION LIMITATIONS & STANDARDS

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

3.C.1 The maximum permissible emission of ash and/or particulate matter (PM) from any fossil fuel burning installation of less than ten (10) million BTU (MMBTU) per hour heat input shall not exceed 0.6 pounds per MMTU 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 MMBTU heat input.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.4.A.(1).)

D. WORK PRACTICE STANDARDS

THIS SECTION WAS INTENTIONALLY LEFT BLANK SINCE NO WORK PRACTICE STANDARDS APPLY TO THIS PERMIT ACTION.

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. If the permit was reissued or modified during the course of the preceding calendar year, the certification of compliance shall address each version of the permit. 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), and (d).)

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.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A.(3).)

5.A.2 In addition to the recordkeeping specified below, 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 where a longer duration is specified in an applicable requirement, 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. Supporting 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 of each calendar year 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 Mississippi Administrative Code, Title 11, Part 2, Chapter 6, Rule 6.2.E.

For applicable periodic reporting requirements in 40 CFR Parts 60, 61, and 63, the permittee shall comply with the deadlines in this condition for reporting conducted on a semiannual basis. Additionally, any required quarterly reports shall be submitted by the end of the month following each calendar quarter (i.e. April 30, July 31, October 31, and January 31) and any required annual reports shall be submitted by January 31 following

each calendar year.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A.(3)(c)(1).)

(Ref.: 40 CFR 60.19(c), 61.10(g), and 63.10(a)(5); Subpart A)

- 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. The report shall be made within five (5) working days of the time the deviation began.

(Ref.: 11 Miss. Admin. 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.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A.(3).)

- 5.A.7 The permittee shall maintain records of any alterations, additions, or changes in equipment or operation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A.(3).)

- 5.A.8 Unless otherwise specified in Section 4, upon permit issuance, the monitoring, testing, recordkeeping, and reporting requirements of Section 5 herein supersede the requirements of any preceding permit to construct and/or operate.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A.(3).)

B. SPECIFIC MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter Monitored	Monitoring / Recordkeeping Requirement
AA-001	40 CFR 60.154(e); Subpart M	5.B.1	Asbestos	Maintain Waste Shipment Records
	40 CFR 60.154(f); Subpart M	5.B.2		Maintain Information on Disposal of Asbestos-Containing Waste
	11 Miss. Admin. Code Pt. 2, R. 6.3.A.(3)(a)(2).	5.B.3		Conduct a Visible Observation Daily (As Applicable)
	40 CFR 60.154(i); Subpart M	5.B.4		Recordkeeping Requirements
	40 CFR 60.764(a)(2)(ii) and (a)(3); Subpart XXX	5.B.5	NMOCs	Determine the NMOC Emission Rate Annually (or Every 5-Year Period – As Applicable)
	40 CFR 60.768(a); Subpart XXX	5.B.6		Recordkeeping Requirements

5.B.1 For Emission Point AA-001, the permittee shall maintain waste shipment records for all asbestos containing waste material received that include the following information on a form similar that found in 40 CFR 61.154(f), Subpart M.:

- (a) The name, address, and telephone number of the waste generator;
- (b) The name, address, and telephone number of the transporter(s);
- (c) The quantity (in cubic yards) of the asbestos-containing waste material;
- (d) The presence of improperly enclosed / uncovered waste or any asbestos-containing waste material not sealed in leak-tight containers;
- (e) Any attempt to reconcile a discovered discrepancy with a waste generator regarding the quantity of waste material designated on a waste shipment record and the quantity actually received.

If the discrepancy is not resolved within fifteen (15) days after receiving the waste, the permittee shall immediately report to the MDEQ (in writing) in accordance with Condition 5.C.2.

- (f) The date of the receipt.

As soon as possible and no longer than thirty (30) days after the receipt of the waste, the permittee shall send a copy of the signed waste shipment record to the waste generator. Additionally, the permittee shall retain a copy of all records and reports required by this condition for at least two (2) years.

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

- 5.B.2 For Emission Point AA-001, the permittee shall maintain (until closure of the landfill) records on the location, depth and area, and quantity (in cubic yards) of asbestos-containing waste material within the disposal sit on a map (or diagram) of the disposal area.

(Ref.: 40 CFR 61.154(f); Subpart M)

- 5.B.3 For Emission Point AA-001, the permittee shall conduct a daily visible observation in accordance with EPA Test Method 22 to determine the presence of visible emissions at the boundary of the waste disposal site **if** the permittee chooses to comply with the compliance option in Condition 3.B.2(a). The permittee shall conduct each observation for a minimum of six (6) consecutive minutes. Upon observing any visible emissions, the permittee shall take immediate corrective measures to eliminate visible emissions.

The permittee shall maintain documentation that details the following information for each observation:

- (a) The date and time of the observation;
- (b) The full name (in print) of the person that conducts the observation;
- (c) Whether asbestos-containing materials were disposed of;
- (d) The results of a visible emissions observation conducted at the boundary of the waste disposal site for each day asbestos-containing materials are disposed; and
- (e) If visible emissions are noted, the corrective measures taken to eliminate visible emissions.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A.(3)(a)(2).)

- 5.B.4 For Emission Point AA-001, the permittee shall furnish (upon request) and make available during normal business hours for inspection by the MDEQ all records required by 40 CFR 61.154, Subpart M.

(Ref.: 40 CFR 61.154(i); Subpart M)

- 5.B.5 For Emission Point AA-001, the permittee shall calculate the site-specific non-methane organic compound (NMOC) emission rate on an annual basis in accordance with the procedures for an applicable tier found in 40 CFR 60.764(a), Subpart XXX and using the equations provided in 40 CFR 60.764(a)(1)(i) or (a)(1)(ii), Subpart XXX (as applicable).

If the resulting NMOC emission rate is greater than 34 megagrams (Mg) per year, the permittee shall comply with one of the following methods:

- (a) Install a landfill gas collection and control system (GCCS) in accordance with 60.762(b)(2)(ii)(C), (D), and (b)(2)(iii), Subpart XXX (as applicable) no later than thirty (30) months after the first annual report that indicates the NMOC emission rate equals or exceeds 34 Mg per year; or
- (b) Recalculate the NMOC emission rate in accordance with the requirements for the next applicable tier (e.g. "Tier 1" to "Tier 2"; etc.) to demonstrate that the emission rate is less than 34 Mg per year.

If the resulting NMOC mass emission rate is less than 34 Mg per year for a period of five (5) consecutive years, the permittee may elect to estimate the NMOC emission rate for the next 5-year period in accordance with the following requirements (instead of calculating the emission rate annually):

- (c) The estimate must include the current amount of solid waste-in-place and the estimated waste acceptance rate for each year of the 5 years for which an NMOC emission rate is estimated.
- (d) All data and calculations upon which the estimate is based must be provided to the MDEQ.
- (e) The estimate must be revised at least once every five (5) years. However, if the actual waste acceptance rate exceeds the estimated waste acceptance rate in any year reported within the 5-year estimate, a revised 5-year estimate must be submitted to the MDEQ. The revised estimate must cover the 5-year period beginning with the year in which the actual waste acceptance rate exceeded the estimated waste acceptance rate. .

(Ref.: 40 CFR 60.764(a)(2)(ii) and (a)(3); Subpart XXX)

5.B.6 For Emission Point AA-001, the permittee shall maintain documentation that details the following information:

- (a) The design capacity report required by Condition 5.B.5;
- (b) The current amount of solid waste in-place on a monthly basis; and
- (c) The year-by-year waste acceptance rate.

(Ref.: 40 CFR 60.768(a); Subpart XXX)

C. SPECIFIC REPORTING REQUIREMENTS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter Monitored	Reporting Requirement
AA-001	40 CFR 61.154(e)(1)(iv); Subpart M	5.C.1	Asbestos	Report the Presence of Improperly Enclosed or Uncovered Asbestos-Containing Waste
	40 CFR 61.154(e)(3), Subpart M	5.C.2		Report any Attempted Waste Discrepancy Reconciliation Over 15 Days
	40 CFR 61.154(g) and 61.151(e), Subpart M	5.C.3		Provide a Notification on the Deed Regarding Asbestos-Containing Waste
	40 CFR 60.154(h), Subpart M	5.C.4		Submit Asbestos Waste Disposal Records
	40 CFR 60.154(j), Subpart M	5.C.5		Submit a Notification on the Excavation / Disturbance of Material
	40 CFR 60.762(b)(1)(i) and 60.767(b), Subpart XXX	5.C.6	NMOCs	Submit the NMOC Emission Rate Report
	40 CFR 60.767(c)(1) and (c)(2), Subpart XXX	5.C.7		Submit the GGCS Design Plan (As Applicable)
	40 CFR 60.762(b)(1)(ii)(B) and 60.767(d), Subpart XXX	5.C.8		Submit a Closure Report (As Applicable)

5.C.1 For Emission Point AA-001, the permittee shall report to the MDEQ in writing the presence of a significant amount of improperly enclosed or uncovered asbestos-containing waste material (as determined by the permittee) in any waste shipment received. Additionally, the report shall include a copy of the applicable waste shipment record.

(Ref: 40 CFR 61.154(e)(1)(iv); Subpart M)

5.C.2 For Emission Point AA-001, the permittee shall immediately report to the MDEQ **if** any discrepancy reconciliation as outlined in Condition 5.B.1(e) cannot be completed within fifteen (15) days after receiving the specific waste. Additionally, the report shall include a description of the discrepancy, all attempts to reconcile the discrepancy, and a copy of the waste shipment record.

(Ref.: 40 CFR 61.154(e)(3); Subpart M)

5.C.3 For Emission Point AA-001, the permittee shall provide (in accordance with State law) a notation on the deed to the facility property and on any other instrument that would normally be examined during a title search no later than sixty (60) days after the landfill becomes inactive. This notation will in perpetuity notify any potential purchaser of the property the following information:

- (a) The land has been used for the disposal of asbestos-containing waste material;
- (b) The survey plot and records of both the location(s) and quantity of asbestos-containing waste disposed of within the landfill (as required by Condition 5.B.6) have been filed with the MDEQ; and
- (c) The site is subject to 40 CFR Part 61, subpart M.

(Ref.: 40 CFR 61.154(g) and 61.151(e); Subpart M)

- 5.C.4 For Emission Point AA-001, the permittee shall submit to the MDEQ a copy of records pertaining to the respective location and quantity of asbestos waste disposal.

(Ref.: 40 CFR 60.154(h); Subpart M)

- 5.C.5 For Emission Point AA-001, the permittee shall notify the MDEQ in writing at least forty-five (45) days before excavating or otherwise disturbing any asbestos-containing waste material that has been deposited at the landfill and is covered.

If the excavation will begin on a date other than the one contained in the original notice, the notice for the new start date must be submitted to the MDEQ at least ten (10) working days before excavation begins. In no event shall excavation begin earlier than the date specified in the original notification.

Additionally, a notification shall include the following information:

- (a) The scheduled starting and completion dates.
- (b) The reason for disturbing the asbestos-containing waste material.
- (c) The procedures that will 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) The location of any temporary storage site and the final disposal site.

(Ref.: 40 CFR 60.154(j); Subpart M)

- 5.C.6 For Emission Point AA-001, except as otherwise allowed herein, the permittee shall submit an annual NMOC mass emission rate report in accordance with the following requirements no later than January 31 of each year for the preceding calendar year.

- (a) The report shall contain an annual (or five-year; as applicable) estimate of the NMOC emission rate using the applicable equation and procedures outlined in Condition 5.B.5.

If the estimated NMOC emission rate as reported to the MDEQ is less than 34 Mg per year for a period of five (5) consecutive years, the permittee may elect to submit an estimate of the NMOC emission rate for the next five-year period in lieu of an annual report in accordance with the following requirements:

- (i) The estimate shall include the current amount of solid waste in place and the estimated waste acceptance rate for each year of the five (5) years for which an NMOC emission rate is estimated.
 - (ii) The estimate shall be revised at least once every five (5) years; and
 - (iii) If the actual waste acceptable rate exceeds the estimated waste acceptance rate in any year reported within the five-year estimate, the permittee shall submit a revised five-year period beginning with the year in which the actual waste acceptance rate exceeded the estimated waste acceptance rate.
- (b) The NMOC emission rate report shall include all the data, calculations, sample reports, and measurements used to estimate the annual (or five-year) period.

Additionally, the MDEQ may request such additional information as may be necessary to verify the reported NMOC emission rate.

The permittee is exempted from the requirements of paragraph (a) and (b) of this condition after the required installation of a GCCS that complies with 40 CFR 60.762(b)(2), Subpart XXX **and** during such time as the GCCS is in operation as well as in compliance with 40 CFR 60.763 and 60.765, Subpart XXX.

(Ref.: 40 CFR 60.762(b)(1)(i) and 60.767(b); Subpart XXX)

5.C.7 For Emission Point AA-001, the permittee shall submit the GCCS design plan developed in accordance with 40 CFR 60.767(c), Subpart XXX to the MDEQ for approval no later than one (1) year after the first NMOC emission rate report indicates the NMOC mass emission rate equals or exceeds 34 Mg per year with the following exceptions:

- (a) The permittee elects to recalculate the NMOC emission rate after conducting the “Tier 2” NMOC sampling and analysis in accordance with 40 CFR 60.764(a)(3), Subpart XXX and the resulting NMOC emission rate is less than 34 Mg per year. As such, the permittee shall resume the annual submission of the NMOC emission rate report using the site-specific NMOC concentration determined by “Tier 2” until the calculated NMOC emission rate is equal to or greater than 34 Mg per year per year or the landfill is closed.

The permittee shall submit the revised NMOC emission rate report with the recalculated emission rate based on “Tier 2” NMOC sampling and analysis no later than one hundred eight (180) days after the first calculated NMOC emission rate exceedance of 34 Mg per year.

- (b) The permittee elects to recalculate the NMOC emission rate after determining a site-specific methane generation rate constant using the “Tier 3” procedures outlined in 40 CFR 60.764(a)(4), Subpart XXX and the resulting NMOC emission rate is less than 34 Mg year. As such, the permittee shall resume the annual submission of the NMOC emission rate report using the resulting site-specific methane generation rate constant determined by “Tier 3” until such time as the calculated NMOC emission rate is equal to or greater than 34 Mg per year per year or the landfill is closed.

The permittee shall submit the revised NMOC emission rate report with the recalculated emission rate based on “Tier 3” NMOC sampling and analysis no later than one (1) year after the first calculated NMOC emission rate exceedance of 34 Mg per year.

(Ref.: 40 CFR 60.767(c)(4)(i) and (ii); Subpart XXX)

- 5.C.8 For Emission Point AA-001, the permittee shall submit a closure report no later than thirty (30) days after cessation of waste acceptance **if** the landfill is permanently closed. Additional information may be requested as necessary to verify that permanent closure has taken place in accordance with the requirements specified in 40 CFR 258.60, Subpart F.

Once a closure report has been submitted, no additional waste material may be placed in the landfill without submitting a modification in accordance with 40 CFR 63.9(b), Subpart A and 40 CFR 60.7(a)(4), Subpart A.

(Ref.: 40 CFR 60.762(b)(1)(ii)(B) and 60.767(e); Subpart XXX)

SECTION 6. ALTERNATIVE OPERATING SCENARIOS

6.1 None permitted.

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://www.ecfr.gov/> under Title 40, or DEQ 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, as well as persons selling, offering for sale, and/or purchasing class I, class II, or non-exempt substitute 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

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
DEQ	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
lb/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
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
PM _{2.5}	Particulate Matter less than 2.5 µm in diameter
ppm	Parts per Million
PSD	Prevention of Significant Deterioration
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
SSM	Startup, Shutdown, and Malfunction
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOHAP	Volatile Organic Hazardous Air Pollutant
VOC	Volatile Organic Compound

APPENDIX B

Asbestos Form