

# STATE OF MISSISSIPPI

## SOLID WASTE MANAGEMENT

### PERMIT

TO OPERATE A SOLID WASTE MANAGEMENT FACILITY IN  
ACCORDANCE WITH THE REGULATIONS GOVERNING  
SOLID WASTE MANAGEMENT

THIS CERTIFIES THAT  
**Waste Pro Meridian Landfill II, LLC**

has been granted permission to operate a solid waste management facility

located at  
2601 Anderson Road  
Meridian, MS 39302  
in Section 30, Township 6 North, Range 16 East  
Lauderdale County  
under the name of

**Waste Pro Meridian I Rubbish Site**

This permit is issued in accordance with the provisions of the Mississippi Code Annotated, and the regulations and guidelines adopted and promulgated thereunder

**MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD**

  
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**AUTHORIZED SIGNATURE**

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Issued: FEB 25 2016  
Expires: JAN 31 2026

Permit No. SW0380020515

## CONDITIONS

### A. EFFECT OF PERMIT

The permittee shall operate the solid waste management facility in accordance with the Mississippi Nonhazardous Waste Management Regulations (Regulations), applicable federal and state regulations, and conditions of this permit.

### B. PERMIT ACTIONS

This permit may be modified, revoked and reissued, or terminated for noncompliance with the terms and conditions of the permit. The filing of a request for a permit modification, revocation and reissuance, or termination or the notification of planned changes or anticipated noncompliance on the part of the permittee does not stay the applicability or enforceability of any permit condition.

### C. SEVERABILITY

The provisions of the permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

### D. DUTIES AND REQUIREMENTS

1. Duty to Comply. The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the solid waste law and regulations promulgated thereunder and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application.
2. Duty to Reapply. If the permittee wishes to continue an activity allowed by this permit after the expiration date of this permit, the permittee must submit a complete application for a new permit at least 180 days before this permit expires.
3. Duty to Mitigate. The permittee shall take all reasonable steps to minimize, prevent, or correct any adverse impact on human health or the environment resulting from noncompliance with this permit.
4. Proper Operation and Maintenance. The permittee shall at all times properly operate and maintain all equipment and systems which are installed or used by the permittee to achieve compliance with the conditions of this permit and application as submitted and approved by the Department of Environmental Quality (Department).

5. Duty to Provide Information. The permittee shall furnish to the Department, within a reasonable time, any relevant information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.
6. Inspection and Entry. The permittee shall allow an authorized representative of the Department upon the presentation of credentials and other documents as may be required by law to:
  - a. Enter on the permittee's premises where a regulated activity is located or 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, practices, or operations regulated or required under this permit;
  - d. Sample or monitor at reasonable times for the purposes of assuring permit compliance.
7. Transfer of Permits. This permit is not transferable to any person except after notice to and approval of the Mississippi Environmental Quality Permit Board. The Permit Board may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary.
8. Financial Responsibility Requirements. Should the Department determine operational conditions at the site warrant the establishment of financial responsibility, the permittee would be required to estimate the costs of hiring a third party to close the largest area ever requiring a final cover. At that time, the permittee shall be required to provide the Department with proof of financial responsibility issued in the amount of the closure cost estimate each year on a schedule approved by the Department.
9. Disclosure. The permittee shall submit an updated disclosure statement to the Department by February 28 of each year. If all information from the previously submitted disclosure statement is unchanged, a letter stating such may be submitted in lieu of an updated disclosure statement.
10. Property Access Rights. It is responsibility of the permittee to possess or acquire a sufficient interest in or right to the use of the property including

access route. The issuance of this permit does not convey any property rights or interest in either real or personal property; nor does it authorize any injury to private property, invasion of personal rights, or impairment of previous contract rights; nor any infringement of Federal, State or local laws or regulations.

11. Signature Requirements. An application for the re-issuance, modification or transfer of this permit and all reports required by this permit or other information requested by the Permit Board shall be signed in accordance with Rule 1.2.G of the Mississippi Nonhazardous Solid Waste Management Regulations.

#### **E. CONSTRUCTION REQUIREMENTS**

1. The Class I disposal area shall be limited to the area defined in the submitted applications consisting of approximately 42.26 acres in the southwest portion of the property located Section 30, Township 6 North, Range 16 East, Lauderdale County.
2. The disposal area is restricted to a maximum side slope of 25% and final cover slope of 4%.
3. Final heights, including final waste height, 550 MSL, and final cover height, 552 MSL, shall be surveyed by a professional land surveyor, registered by the State of Mississippi. The certified survey shall be submitted to the Department.
4. All access roads for the landfill and access to the tire storage area shall remain clear at all times.
5. Reconstruction of any unacceptable sidewall or bottom liner shall be conducted in accordance with the following, unless an alternate method is approved by the Department:
  - a. An adequate number of field density, moisture content, permeability, and thickness tests shall be conducted depending on the extent of reconstruction as submitted and approved by the Department. Test holes in the reconstructed soil liner shall be sealed with bentonite, or another method approved by the Department.
  - b. At least two weeks prior to disposal in each cell area, a construction quality assurance report shall be submitted to the Department. The report shall include field logs, results of testing, subgrade survey, top of the liner survey and construction testing methods. Engineering drawings submitted with the report shall contain GPS coordinates of the constructed disposal cell within the total permitted disposal area. The report shall also contain a certification from an independent professional engineer registered in Mississippi that each cell meets

natural geologic requirements or verifies that the reconstructed liner meets the following criteria:

1. For sidewall liner, the minimum overall thickness including in-situ and reconstructed liner shall be 3 feet. The soil material used for reconstruction shall be clays or silts with permeability no greater than  $1 \times 10^{-5}$  cm/sec.
  2. For bottom liner, the minimum overall thickness including in-situ and reconstructed liner shall be of thickness as submitted and approved by the Department. The soil material and permeability requirements shall be the same as submitted and approved by the Department.
  3. Other liners approved by the Department.
6. Prior to the disposal of any solid waste:
- a. All borings drilled on the site in preparation of the permit application, which will not be converted to monitoring or supply wells, shall be properly sealed in accordance with the requirements of the Mississippi Department of Environmental Quality, Office of Land and Water Resources.
  - b. Disposal area boundaries shall be clearly marked and maintained throughout the life of the facility. Placement of the permanent disposal area boundary markers shall comply with the following:
    1. The markers shall be at least three (3) feet in height;
    2. The markers shall be constructed of concrete posts, metal pipes, weather treated wood posts, metal fence posts or other marker materials as approved by the Department;
    3. The markers shall be placed in the ground at sufficient depth to facilitate permanence.
    4. The permittee shall inspect the boundary markers monthly and repair or replace markers that have been damaged or inadvertently removed from the disposal boundary. Boundary marker replacement shall comply with Condition E.6.b of this permit.
    5. If markers are replaced, marker locations shall be located by a Professional Surveyor, registered with the State of Mississippi, and the certified survey indicating the locations and GPS coordinates of the permanent markers with a cover letter shall

be submitted to the Department within five (5) working days of installation.

7. Property line buffer zones and other appropriate location restrictions shall be maintained as indicated in the approved NOI, application, or this permit.
8. The permittee shall insure that the facility is constructed in accordance with Regulations, the approved plan of operation, and the approved plans, unless otherwise approved by the Department.

**F. SITE SPECIFIC OPERATING CONDITIONS**

1. Modification to this permit shall be required prior to a horizontal expansion of the facility or a significant change in the method of waste management.
2. The permittee shall insure that the facility is operated in accordance with Regulations, the approved plan of operation, and the approved plans, unless otherwise approved by the Department.
3. The permittee shall insure that disposal of waste within the Class I area shall be limited to the following acceptable rubbish wastes:
  - a. Natural vegetation, such as tree limbs, stumps, and leaves;
  - b. Brick, mortar, concrete, stone, and asphalt;
  - c. Construction and demolition debris, such as wood, metal, etc.;
  - d. Cardboard boxes;
  - e. Furniture;
  - f. Plastic, glass crockery, and metal, except containers;
  - g. Sawdust, wood shavings, and wood chips;
  - h. Refrigerators and air conditioners which have had the motor removed and which are certified that the coolant has been properly removed;
  - i. Other appliances which have had the motor removed, and
  - j. Other similar wastes specifically approved by the Department.
4. Unless specifically listed in Section F.2 above, any industrial solid waste or other waste possessing special characteristics shall be specifically approved by the Department prior to acceptance within the Class I area.
5. The permittee shall insure that the following wastes shall be prohibited from disposal at this facility:
  - a. Any acceptable waste which has been contaminated by a pollutant, such as a food or chemical, unless it can be demonstrated to the

- satisfaction of the Department that such waste has no adverse effect on the environment,
- b. Electronic wastes,
  - c. Household garbage and other food and drink waste,
  - d. Liquids, sludges, and contaminated soils,
  - e. Paint, paint buckets, oil containers, and chemical containers,
  - f. Engines, motors, whole tires, and all types of batteries,
  - g. Toxic, hazardous, or radioactive waste,
  - h. Asbestos or asbestos containing material regulated under the National Emission Standards for Hazardous Air Pollutant,
  - i. Medical waste,
  - j. The disposal of fabric, paper, cut or shredded tires, and any metal, glass, plastic, or paper container, unless specifically approved by the Department, shall be prohibited from the Class I disposal area. The Department shall consider the characteristics of the waste, the operating plan of the site, and other site-specific conditions in determining the acceptability of any such waste, and
  - k. Other wastes, which are specifically determined by the Department to, have an adverse effect on the environment.
6. If permittee executes a contract with a private entity for the operation of the facility, the permittee shall comply with the following requirements prior to the contractor beginning operation:
- a. A complete disclosure form for the contractor shall be submitted and approved as set forth in state law and regulations, and
  - b. A copy of the executed contract between the contractor and the owner shall be submitted to and approved by the Department. Any new contract or change in the existing contract concerning operational control of the facility shall be submitted to the Department for approval before execution of the new or modified contract.
7. Adequate security and monitoring shall be established and maintained to prevent uncontrolled access and disposal. An attendant shall be on duty at any time access to the site is unsecured.
8. The facility shall be operated by a person who holds a current certificate of competency issued by the Commission on Environmental Quality in accordance with Rule 8.1.B of the Regulations for the Certification of Operators of Solid Waste Disposal Facilities. Such person shall have direct supervision over and be personally responsible for the daily operation and maintenance of the facility.

9. The permittee shall insure that incoming and unauthorized waste shall be managed accordingly:
  - a. Prior to disposal and unloading of each load, the operator or a designated, trained spotter shall visually inspect the load and remove any unauthorized wastes from the load.
  - b. Incoming waste loads containing significant amounts of unauthorized wastes shall be refused disposal at the site.
  - c. After unloading all unauthorized wastes found must be immediately removed from the disposal area and properly disposed at an authorized disposal facility or placed in a waste receptacle for later transfer.
10. Wastes enclosed within bags or cardboard boxes shall be subject to random inspections to prevent the disposal of unauthorized wastes within the approved disposal area.
11. Where applicable, the service area of the facility shall be consistent with the service area described in the Lauderdale County Solid Waste Management Plan. Solid waste generated in areas not within the approved service area shall be prohibited from disposal, unless specifically approved by the Commission on Environmental Quality.
12. At least six inches of earthen cover shall be applied to the wastes on the days and at the frequency specified in the approved plan of operation. At minimum, the earthen cover shall be applied to the wastes every two weeks. However, the Department may alter the frequency of cover depending upon the amount or type of wastes received, the location of the site, and/or other conditions at the site.
13. Unloading and disposal of the rubbish waste shall be controlled by the operator and shall be confined to as small an area as practical.
14. Operation of the facility shall be conducted in a manner that minimizes windblown litter and prevents vector attraction. Windblown and scattered litter and debris around the disposal site and along the property access roads shall be collected at the end of every operating day and returned to the active working area for proper disposal.
15. The permittee shall implement all necessary fire prevention measures as outlined in the approved plan of operation prior to waste acceptance.
16. The permittee shall insure that open burning of solid waste, except for land clearing debris generated on the site of the facility, shall be prohibited.
17. The permittee shall implement the Fire Prevention Plan and Emergency



Fire Plan as submitted and approved by the Department. Alternate methods of fire protection may be approved by the Department. In the event of an accidental fire, the permittee shall implement necessary steps to extinguish the fire and shall notify the Department within twenty-four (24) hours.

18. Open burning of land clearing debris generated on site of the facility may be allowed pending compliance with the following:
  - a. Land clearing debris to be burned shall be staged at least 100 yards from active or filled portions of the disposal area;
  - b. Burning operations shall be conducted in compliance with 11 Miss. Admin. Code Pt. 2, R. 1.3.G. Air Emission Regulations For The Prevention, Abatement, and Control of Air Contaminants;
  - c. Burning operations shall be conducted in compliance with all applicable local laws, ordinances, and/or regulations.
19. Rubbish shall not be disposed in standing water, in any waters of the state, nor in any manner that may result in washout of waste. Furthermore, the site shall be developed and contoured to direct stormwater run-off/run-on away from the active disposal area and to prevent ponding of water on the site.
20. The permittee shall operate the facility in accordance with all applicable requirements of the U. S. Army Corps of Engineers, the U.S. Fish and Wildlife Service, the Mississippi Department of Marine Resources, and the Mississippi Department of Archives and History.
21. The Permittee shall ensure proper training of all facility employees and ensure the employment of an adequate amount of employees required to properly operate the facility.
22. Filled areas of the site which have remaining capacity and which will not receive waste within 30 days shall receive an intermediate cover of twelve inches of earthen cover. The integrity of the intermediate cover shall be maintained. An alternate cover system may be approved by the Department.
23. Within thirty (30) days of completing a disposal area, at least two feet of earthen cover shall be applied as final cover. Following soil placement, suitable vegetation shall be promptly established and maintained. Any erosion occurring on completed disposal areas shall be promptly repaired. Any area where waste has been disposed which has not received waste in the past twelve-(12) months shall be covered in accordance with this paragraph.

24. The permittee of the facility covered by this permit shall notify the Department in writing upon final closure of the site.
25. Upon final closure of the entire site, a construction quality assurance report shall be submitted to the Department. The report shall contain a certification from an independent professional land surveyor registered in Mississippi that verifies that the final cover complies with the closure requirements of Rule 1.6.E of the Regulations.

**G. RECORD-KEEPING AND REPORTING**

1. The permittee shall keep an accurate written daily record of deliveries of solid wastes to the facility including the following:
  - a. The name of the waste hauler;
  - b. The source of the waste;
  - c. The types of waste received;
  - d. The weight of solid waste, measured in tons, received at the facility. Facilities that do not have access to weight scales shall convert to tons from cubic yards using conversion factors as developed or approved by the Department;
  - e. Other information associated with the management of solid waste at the facility as directed by the Department.
2. A copy of these records shall be maintained by the permittee at the rubbish site or at another site approved by the Department. The records shall be made available to the Department for inspection upon request.
3. The permittee shall retain all records associated with the construction and/or operation of the facility for a period not of at least five years after the approved closure of the facility.
4. The permittee shall submit an annual report to the Department each year no later than February 28, to include information regarding the facility for the preceding calendar year. At a minimum, the report shall contain the following:
  - a. total amount of waste received at the disposal site during the calendar year, in units of tons,
  - b. the sources of waste listed by county or origin with a clear indication of waste originating from out-of-state counties;
  - c. estimated remaining capacity at the facility, in terms of acreage, or cubic yards, and years remaining; and
  - d. an updated disclosure statement. If all information from the previously submitted disclosure statement is unchanged, a letter

stating such may be included in lieu of an updated disclosure statement.