

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

Madison South Rubbish Landfill, Inc.

has been granted permission to operate a solid waste management facility

located at

Sections 19 and 30, Township 7 North, Range 1 East

Madison County

under the name of

Madison South Rubbish Landfill, Inc.

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



AUTHORIZED SIGNATURE

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: November 14, 2006

Expires: October 31, 2016

Modified: June 10, 2008

Permit No. SW0450020526

CONDITIONS

A. EFFECT OF PERMIT

The permittee shall operate the solid waste management facility in accordance with the Mississippi Nonhazardous Waste Management Regulations (state regulations), applicable federal 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. **Property 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 locals laws or regulations.

9. **Signature Requirements.** An application for the issuance, 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 as follows:
- (a) For a corporation: a president, vice-president, secretary or treasurer of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation;
 - (b) For a partnership or sole proprietorship: a general partner or the proprietor, respectively.
 - (c) For a municipality, county, state, federal or other public agency, either a principal executive officer or ranking elected official;
 - (d) The signature of a Duly Authorized Representative (DAR) shall be a valid signature under this permit, in lieu of the signatures described within this condition, provided the following conditions are met:
 - a. The DAR is an employee of the permittee;
 - b. The DAR is identified to the Department by the ranking officer of the corporation, partnership, proprietorship, municipality, county, state, federal or other public agency;
 - c. The DAR is responsible for the overall management of the rubbish site.

E. SITE SPECIFIC REQUIREMENTS

1. Construction of rubbish site components shall be conducted by qualified and experienced personnel. The Department shall be notified of an approximate construction schedule at least one week prior to liner and final cover construction activities.
2. Construction of the recompacted soil liner shall be in accordance with the following, unless an alternate method is approved by the Department:
 - a. The recompacted soil liner shall be constructed of soils having a permeability of 1×10^{-7} cm/sec or less.
 - b. The recompacted soil liner shall be at least 2 feet thick on the cell bottoms and 3 feet thick on the cell side walls.
 - c. The recompacted soil liner shall be constructed of soil materials classified as clays, CL or CH, as classified by the Universal Soil Classification System (ASTM D 2487).
 - d. The recompacted soil liner shall be placed in 8 inch nominal lifts. Each lift shall be evenly compacted to the density and moisture content required. Between lifts, the surface shall be scarified for proper bonding.
3. Prior to the disposal of any solid waste, all borings drilled on site in preparation of the permit application shall be properly sealed in accordance with the requirements of the Mississippi Department of Environmental Quality Office of Land and Water Resources.
4. At least two weeks prior to the placement of rubbish waste in a newly constructed cell, construction quality assurance reports shall be submitted to the Department that demonstrates compliance with all applicable sections of the Mississippi Nonhazardous Solid Waste Management Regulations (Regulations). The report shall contain a certification from an independent registered professional engineer within the State of Mississippi that the area has been constructed according to the approved design plans and all applicable sections of the Regulations. The report shall also include daily field logs, results of testing, subgrade survey, top of liner survey, and construction testing methods.
5. The disposal of rubbish waste shall be restricted to the approved permitted area consisting of approximately 40 acres. Property line setback distances as indicated in the permit application shall be maintained.
6. Construction, operation and closure activities of the facility shall be conducted in accordance with the Regulations and the approved plans, as submitted to the Department.

7. The final height of the facility shall not exceed 40 feet above natural grade or 420 feet mean sea level as established by the approved engineering drawings. The final height limitation includes the required two feet of earthen cover material.
8. Modification to this permit shall be required prior to a vertical or horizontal expansion of the facility or a significant change in the method of rubbish waste management.
9. The permittee shall acquire and maintain all equipment necessary to ensure compliance with this permit.
10. Adequate security and monitoring shall be maintained at the site to prevent unauthorized access and disposal. Access to the site shall be secured or locked when the site is closed and when no attendant is on site.
11. The permittee shall prepare and maintain a plan for fire control. The permittee shall notify the Department within 24 hours of any fire to be followed by a written narrative, submitted to the Department within 5 working days, regarding the nature and extent of the fire and methods implemented to extinguish such fire.
12. Operating hours at the facility shall be established as 7:00 AM to 5:00 PM, Monday through Friday and 7:00 AM to 12:00 PM, Saturday, unless otherwise approved by the Department.
13. The service area for the facility shall be consistent with the service area described by the approved Madison County Solid Waste Management Plan, specifically Hinds and Madison Counties. Solid waste generated in areas outside of the approved service area shall be prohibited from disposal, unless specifically approved by the Commission on Environmental Quality.
14. Disposal at the site shall be limited only to Class I type rubbish wastes as indicated in the application.
15. Disposal activity shall be restricted to the area defined in the approved application. The disposal area boundaries shall be located and clearly marked by a land surveyor licensed by the State of Mississippi. At a minimum, the corners of the disposal area shall be marked. The markers shall be a minimum, 3 foot high concrete posts, metal pipes, weather resistance wood posts or other suitable markers approved by the Department. The markers shall be placed in the ground to a sufficient depth to facilitate permanence and shall be maintained by the permittee. Markers that become damaged shall be promptly re-established by the permittee with the assistance of a licensed land surveyor, where necessary. Such permanent markers shall be surveyed and installed prior to waste acceptance.

16. Disposal of liquid wastes, garbage, drink containers, paint cans, oil cans and filters, hazardous wastes, regulated asbestos and any other non-approved waste material shall be prohibited at the site. Disposal of non-regulated asbestos and shredded or cut waste tires shall also be prohibited at this site unless specifically approved by the Department.
17. Unloading and disposal of the rubbish waste shall be controlled by the operator and shall be confined to as small an area as practical.
18. During the unloading and disposal of each waste load, the facility operator or a designated, trained spotter shall visually inspect each waste load and remove any unauthorized wastes from the load.
19. Unauthorized wastes discovered to have been inadvertently or accidentally dumped at the site shall immediately be removed from the site and properly disposed of at an authorized disposal facility or placed in a waste receptacle for later transfer.
20. Incoming waste loads that contain significant amounts of unauthorized wastes shall be refused disposal at the facility. Incidental amounts of unauthorized wastes identified after waste unloading shall be immediately removed from the disposal area.
21. Random inspections of bagged waste loads shall be conducted to prevent the disposal of unauthorized waste as stated in the approved plan of operation.
22. A periodic earthen cover consisting of a minimum of six inches of earthen soils shall be applied to all exposed wastes once every two weeks, generally occurring on every other Friday. This cover frequency may be changed by the Department depending upon the amount of wastes received and other conditions at the site.
23. Windblown and scattered litter and debris shall be collected from around the rubbish site at least once per week or more often, if necessary, and returned to the active working area for proper disposal.
24. Open burning of any solid waste is expressly forbidden. Should an accidental fire occur, the operator shall immediately take necessary action to extinguish the fire and shall notify the Department in accordance with Condition E.11 of this permit.
25. The depth of any excavation or removal of earthen material for the construction of disposal areas shall be confined within the area limits as indicated in the application.
26. Rubbish shall not be disposed in standing water nor in any manner that may result in a washout of waste.
27. The active disposal area shall not be located or constructed in a manner that causes or allows wastes to come into contact with the seasonal high water table.

28. The rubbish disposal site shall be developed and contoured to direct storm water run-on/run-off away from the active disposal area and to prevent ponding of water over areas of waste disposal.
29. Necessary approval from the Department regarding storm water management shall be obtained prior to the acceptance of rubbish wastes from any industrial source for disposal at this facility.
30. The permittee shall maintain a certificate of competency issued by the Commission in accordance with Section III.B of the Regulations for the Certification of Operators of Solid Waste Disposal Facilities.
31. The permittee shall provide proper training of and employment of an adequate number of employees to properly operate the facility.
32. The operation of this facility shall also be conducted in accordance with all applicable requirements of the U.S. Army Corps of Engineers, the U.S. Fish and Wildlife Service, and the Mississippi Department of Archives and History.
33. Within 30 days of completing an area, at least two feet of a low permeable earthen cover shall be applied as final cover. Following soil placement, suitable vegetation shall be promptly established and maintained. Any erosion occurring on completed areas shall be promptly repaired. Any area containing waste materials, which has not received waste in the past twelve months, shall be covered in accordance with this condition. An alternate cover system may be approved by the Department. The final slope of the disposal site shall be no less than 4% and no greater than 25%.
34. Filled areas of the site which have remaining capacity and which will not receive waste within 30 days shall receive an intermediate earthen cover of twelve inches. An alternate cover system may be approved by the Department.
35. Compliance with the final closure requirements for the facility shall be certified by an independent professional engineer registered in the State of Mississippi.

F. REPORTING REQUIREMENTS

1. The permittee shall keep an accurate written daily record of solid waste deliveries to the facility including the following:
 - a. The name of the waste hauler;
 - b. The source of the waste;
 - c. The types of wastes received;
 - d. The weight of solid waste, measured in tons, received at the facility. Conversion of weight from cubic yards to tons shall be completed utilizing conversion factors developed or approved by the Department.
 - e. Other information associated with the management of rubbish waste at the facility as directed by the Department.

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.

2. The permittee shall submit a report annually by the 28th of February of each calendar year. The report shall contain the following:
 - a. The total amount of waste received during the previous calendar year, in units of tons;
 - b. The source of wastes listed by county or origin;
 - c. The estimated remaining capacity at the facility, in terms of acreage or cubic yards, and years remaining;
 - 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.
3. The permittee shall notify the Department in writing within 14 days upon final closure of the site.