

STATE OF MISSISSIPPI SOLID WASTE MANAGEMENT PERMIT

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

THIS CERTIFIES THAT

Tishomingo County Board of Supervisors

has been granted permission to operate a solid waste management facility
located at

Section 21 and 22, Township 4 South, Range 10 East
under the name of

Tishomingo County Class 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



AUTHORIZED SIGNATURE

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: March 17, 2011
Expires: February 28, 2021

Permit No. SW0710020552

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. **Signature Requirements.** An application for the re-issuance, modification or transfer of this solid waste management permit and all permits 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 the state regulations, in lieu of the signatures described previously provided the following conditions are met:
 - a. The DAR is an employee of the entity holding the solid waste management permit.
 - 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 solid waste facility.
9. Property Rights. It is the 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.

E. SITE SPECIFIC OPERATING CONDITIONS

- 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 any rubbish disposal cells shall be in accordance with the following, unless an alternate method is approved by the Department:
 - (a) The insitu subbase shall be inspected for cracks, large stones, other protrusions, and for soil material which would not be suitable buffer material. The surface shall be compact, smooth, uniform, and free of desiccation cracks.
 - (b) Prior to placement of any re-constructed soil liner or geosynthetic liner, a minimum 36-inch thick soil buffer shall be placed over any areas that contain fill or rubble materials. Any area containing such materials shall be proof-rolled and subsequently any area that

demonstrates instability shall be excavated to a depth sufficient to ensure stability of the underlying materials prior to placement of the soil buffer layer. The buffer materials shall be placed in 8 inch loose lifts and compacted to a dry density which is equal to at least 90% of the maximum standard Proctor density.

- (c) Prior to placement of the re-constructed soil liner, the surface of the prepared subbase shall be scarified for proper bonding with the liner. The liner shall be placed in 6 inch nominal lifts. Each lift shall be evenly compacted to the density and moisture content required. Placement of the liner on the side slopes shall be in lifts along the slope, not in horizontal lifts. Between lifts, the surface shall be scarified for proper bonding.
 - (d) In construction/preparation of the buffer subbase and the soil liner, the surface shall not be allowed to dry out and crack before placement of the next layer. If desiccation cracks do form, the surface shall be rewetted, rehomogenized, and recompact to the depth of the cracks before placement of the succeeding layer.
- 3. All borings drilled on the site, 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.
- 4. At least two weeks prior to the placement of solid waste in a newly constructed area, a construction quality assurance report shall be submitted to the Department that demonstrates compliance with all applicable sections of the state regulations. The report shall contain a certification from an independent professional engineer registered in the State of Mississippi that the area has been constructed according to the approved design plans and all applicable sections of the state regulations. The report shall also include field logs, results of testing, subgrade survey, top of 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.
- 5. The disposal of solid waste shall be restricted to the approved permitted area, consisting of approximately 19.71 acres and shall be within the approved elevations as depicted on the July 2009 Permit Application Drawings. Property line setback distances of at least 200 feet as indicated in the permit application shall be maintained.
- 6. The facility shall be operated in accordance with the approved plan of operation, unless otherwise approved by the Department.
- 7. Construction, operation, and closure activities of the facility shall be conducted in accordance with state regulations, the approved plans, and the July 2009 Permit Application Drawings, as submitted to the Department.

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 waste management.
9. Adequate security and monitoring shall be maintained at the facility site to prohibit 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.
10. The disposal of wastes 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) Appliances, specifically excluding refrigerators and air conditioners, which have had the motor removed;
 - (i) Other similar wastes specifically approved by the Department.
11. The disposal of bulk fabric, bulk paper, cut or shredded tires, and any metal, glass, plastic, or paper container, unless specifically approved by the Department, shall be prohibited from disposal. 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.
12. 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 impact to the environment;
 - (b) Household garbage and other food and drink wastes;
 - (c) Liquids, sludges, and contaminated soils;
 - (d) Paint, paint buckets, oil containers, and chemical containers;
 - (e) Engines, motors, whole tires and all types of batteries;
 - (f) Toxic, hazardous, or radioactive wastes;
 - (g) Asbestos or asbestos containing material regulated under the National Emission Standards for Hazardous Air Pollutants;
 - (h) Medical wastes;

- (i) Electronic wastes;
 - (j) Other wastes which are specifically determined by the Department to have an adverse impact to the environment.
13. Unless specifically listed in Section E.10 of this permit, any industrial rubbish wastes or other wastes possessing special characteristics shall be specifically approved by the Department prior to acceptance at the disposal facility.
14. 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 Section III.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.
15. Disposal activity shall be restricted to the area defined in the approved application and the July 2009 Permit Application Drawings. Disposal area boundaries shall be clearly marked and maintained. At a minimum, the corners of the disposal area shall be marked by minimum 3 foot high posts, unless otherwise approved or directed by the Department. The markers may be concrete posts, metal pipes, weather treated wood posts, metal fence posts, or other markers as approved by the Department. The posts shall be minimum 2 inches in diameter (except for the metal fence posts) and shall be placed in the ground to a sufficient depth to facilitate permanence. Markers that become damaged shall be promptly re-established by the owner with the assistance of a licensed land surveyor, where necessary.
16. The permittee shall install the boundary markers in accordance with Condition E.15 prior to waste acceptance.
17. Property line buffer zones and other appropriate location restrictions shall be maintained as indicated in the approved application and the July 2009 Permit Application Drawings.
18. The permittee shall manage the inspection and acceptance of any waste load as follows:
- (a) Incoming waste loads containing significant amounts of unauthorized wastes shall be refused entrance to the disposal area.
 - (b) During unloading and prior to the disposal of each waste load, the operator or a designated trained spotter shall visually inspect the load and remove any unauthorized wastes from the load. Waste loads with incidental amounts of unauthorized wastes may be allowed to unload, if the unauthorized wastes are immediately removed from the load prior to placement within the active disposal area.
 - (c) Unauthorized wastes inadvertently disposed within the active

disposal area shall be immediately removed.

- (d) All unauthorized wastes removed from incoming waste loads or the active disposal area shall be transported to an appropriately permitted disposal facility or placed within a waste receptacle for later transfer.
- 19. Vehicles entering the facility shall be operated and maintained to prevent loss of waste materials. Vehicles failing to meet this requirement, after one warning to the owner or driver, shall be refused acceptance at the facility until the problem is remedied.
- 20. Bagged wastes shall be inspected for unauthorized wastes prior to placement within the active disposal area.
- 21. The service area shall be consistent with the service area described in the Tishomingo 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.
- 22. All solid wastes shall be covered every two weeks or more frequently as necessary to control disease vectors, fires, odors, blowing litter and scavenging. Cover shall consist of at least six inches of earthen material. 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.
- 23. Unloading and disposal of the rubbish waste shall be controlled by the operator and shall be confined to as small an area as practical, unless otherwise allowed by the Department.
- 24. 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.
- 25. Open burning of solid waste, except for land clearing debris generated on the site of the facility, shall be prohibited, except as follows:
 - (a) Open burning of land clearing debris shall be conducted in accordance with Section 3.7.b of the "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants."
 - (b) Open burning of land clearing debris shall occur at a distance no less than 250 yards from the permitted disposal area.
- 26. An adequate supply of water under pressure at the site or an adequate stockpile of earthen material reasonably close to the disposal area shall be provided for fire protection. The Department may approve alternate methods of fire protection or waive this requirement when there is no need for fire protection. Should an accidental fire occur, the operator shall

immediately take action to extinguish the fire and shall notify the Department no later than the end of the following business day.

27. 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. 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 site shall be developed and contoured to direct storm water run-off/run-on away from the active disposal area and to prevent ponding of water in and over areas of waste disposal.
29. The operation of the facility covered by this permit shall 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.
30. The permittee shall at all times properly operate and maintain all equipment and systems used to achieve compliance with the conditions of this permit. It shall be the owner's responsibility to ensure proper training and ensure employment of an adequate number of employees to properly operate the facility.
31. The permittee shall maintain 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 wastes;
 - (c) The types of waste received;
 - (d) The weight of solid waste, measured in tons, received at the facility. Conversion from cubic yards to tons shall be completed using the conversion factors as developed or otherwise approved by the Department;
 - (e) Other information associated with the management of the solid waste at the facility as directed by the Department.

A copy of these records shall be maintained by the owner 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.

32. 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 during the calendar year, in units of tons or cubic yards, and the source of wastes listed by county of origin with a clear indication of wastes originating from out-of-state counties and/or parishes;

- (b) Estimated remaining capacity at the facility, in terms of acreage, cubic yards, and years remaining, and
 - (c) If the owner of the facility or the contract operator of the facility is a private concern, 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.
- 33. 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. An alternate cover system may be approved by the Department.
- 34. Within thirty (30) days of completing a disposal area, at least two feet of a low permeability 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. An alternate cover system may be approved by the Department.
- 35. The final cover gradient at this facility shall be a minimum of four percent (4%) and a maximum of twenty-five percent (25%), unless otherwise approved by the Department.
- 36. The permittee shall maintain a final height of the disposal site no greater than twenty-five (25) feet above natural grade in accordance with the approved application and the July 2009 Permit Application Drawings, unless otherwise approved by the Department.
- 37. The owner or operator of the facility covered by this permit shall notify the Department in writing within 14 days of final closure of the site.
- 38. Compliance with the final closure requirements for the facility shall be certified by an independent Professional Engineer registered in the State of Mississippi.
- 39. The owner or operator shall retain all records associated with the construction and/or operation of the facility for a minimum of five years after the approved closure of the facility.