

# **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**

Hancock County Development Company, LLC

has been granted permission to operate a solid waste management facility

located at

Sections 11 and 14, Township 7 South, Range 15 West

under the name of

Hancock County Development Company, LLC Class I Rubbish Disposal Facility

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: January 8, 2008**  
**Expires: December 31, 2017**

**Permit No. SW0230020443**

## CONDITIONS

### A. EFFECT OF PERMIT

The permittee shall operate the solid waste management facility in accordance with the Mississippi Nonhazardous Waste Management Regulations, the approved plan of operation, and the 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 this 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 or correct any adverse impact on 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 Office of Pollution Control, within a reasonable time, any relevant information which it 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 upon the presentation of credentials and other documents as may be required by law to:
  - a. Enter at reasonable times upon 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 Permit Board. The Permit Board may require modification or revocation and reissuance of 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:
    1. The DAR is an employee of the entity holding the solid waste management permit.
    2. The DAR is identified to the Department by the ranking officer of the corporation, partnership, proprietorship, municipality, county state, federal or other public agency.
    3. The DAR is responsible for the overall management of the solid waste facility.

## **E. SITE SPECIFIC REQUIREMENTS**

1. Disposal of rubbish wastes shall be limited to the approved 49.99 acres as described within the approved application. The disposal area is divided into 4 phases. Phase I consists of approximately 17.33 acres. Phase II consists of approximately 8.77 acres. Phase III consists of approximately 17.09 acres. Phase IV consists of approximately 6.80 acres.
2. Disposal activity shall be restricted to the area defined in the approved application. The disposal area shall be located and clearly marked by a land surveyor licensed by the State of Mississippi. At a minimum, prior to any land disturbance required to prepare the disposal area, the corners of the disposal area shall be marked. The markers shall be at a minimum, 3 foot high concrete posts, metal pipes, weather resistant wood posts or other suitable markers approved by the Department.
3. 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.
4. Construction of a geosynthetic liner system within any disposal cell 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 liner material. Unsuitable materials shall be removed and replaced with suitable buffer material. The surface shall be compact, smooth, uniform, and free of desiccation cracks.
  - b. In construction/preparation of the buffer subbase, the surface shall not be allowed to dry out and crack before placement of the geosynthetic clay liner material (GCL). If desiccation cracks do form, the surface shall be rewetted, rehomogenized, and recompact to the depth of the cracks before placement of the GCL.
  - c. Field density, moisture content, and permeability tests shall be conducted in accordance with the approved plan. Test holes in the soil liner shall be sealed with bentonite, or another method approved by the Department.
  - d. Prior to placement of the GCL, the soil liner shall be smooth, uniform, and free from protrusions or cracks. During and after installation, the GCL shall be protected from damage (e.g., heavy equipment, tearing, puncturing, exposure to the sun, etc.). Field seams shall be oriented vertically along the side slopes (i.e., top to bottom of side slope). No later than six months after liner installation, the protective layer shall be placed over the GCL, and properly maintained until waste is placed over the area.

4. At least two weeks prior to the placement of solid waste in a newly constructed cell or subcell within the permitted area, a construction quality assurance report shall be submitted to the Department which contains a certification from an independent professional engineer, registered with the State of Mississippi, indicating that the area has been constructed according to the approved design plans and state regulations. The report shall also include field logs, results of testing, subgrade survey, top of liner survey, and construction testing methods
5. Property line setback distances as indicated in the application shall be maintained. In areas of the facility where the disposal area is less than 200 feet to the facility property boundary, adequate screening, whether natural or artificial, shall be maintained to restrict the offsite view of the facility, unless otherwise approved by the Department.
6. Each commercial Class I rubbish site 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 rubbish site. In the event of temporary loss of a certified operator due to illness, death, discharge or other legitimate cause, written notice shall be given to the Department within 7 days. Continued operation of such system without a certified operator may proceed on an interim basis not to exceed 180 days, except for good cause shown upon petition to the Commission.
7. 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.
8. Operating hours at the facility shall be established as 7:00 a.m. to 5:00 p.m. Monday through Saturday, unless otherwise approved by the Department.
9. Disposal at the site shall be limited only to Class I type rubbish wastes as indicated in the application.
10. Disposal of liquid wastes, garbage, drink containers, paint cans, oil cans and filters, hazardous wastes, friable asbestos and any other non-approved waste material shall be prohibited at the site. Disposal of non-friable asbestos and shredded or cut waste tires shall also be prohibited at this site unless specifically approved by the Department.
11. 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.

12. A periodic earthen cover shall be applied to all incoming wastes at least twice per month, generally occurring on every other Monday. This cover frequency could be changed by the Department depending upon the amount of wastes received and other conditions at the site.
13. Windblown and scattered litter and debris shall be collected from around the landfill at least once per week or more often, if necessary, and returned to the active working area for proper disposal.
14. 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 as soon as possible.
15. The final height of the disposal area, including two feet of final cover, shall be limited to 45 feet above natural grade.
16. No disposal of wastes shall be allowed to occur in standing water or in any waters of the state.
17. Necessary approval from the Department regarding stormwater management shall be obtained prior to the acceptance of rubbish waste from any industrial source for disposal at this facility.
18. The operation of this facility shall also be conducted in accordance with all applicable requirements of the U.S. Army Corps of Engineers. Furthermore, the site shall be developed and contoured to direct stormwater runoff away from the active disposal area and to prevent ponding of water on the site.
19. Groundwater monitoring wells 96-1, 96-2 and 96-3 shall be maintained and monitored unless otherwise directed by the Department. Monitoring of these wells shall be limited to semi-annual groundwater level measurements in each well. Additional groundwater monitoring, sampling and analysis requirements may be established by the Department to ensure the protection of human health and the environment. Groundwater level measurements shall be reported to the Department no later than February 28 of each year for the preceding calendar year.
20. Modification of this permit shall be required prior to a vertical or horizon expansion of this facility or a significant change in the method of waste management.
21. An annual report shall be submitted to the Department each year no later than February 28 to include data regarding the preceding calendar year. The annual report shall include the following information:
  - a. Aggregate information of the types, amounts and sources of wastes received during the calendar year. Sources of wastes should have cities, counties, and/or parishes listed individually.

- b. A contour drawing of the rubbish site showing areas filled during the report year and total areas filled;
  - c. Estimated remaining capacity, in terms of volume or tons of wastes;
  - d. If the operator 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;
  - e. Documentation and demonstration that facility personnel have been properly trained as designated within the approved application;
  - f. Document of compliance with operator certification requirements in accordance with state regulations.
22. The final cover gradient of the rubbish site shall be a minimum of four percent (4%) and a maximum of twenty-five percent (25%), unless otherwise approved by the Department.
23. Completed areas of the site shall be covered with at least two feet of low permeability, compacted soil material. Following soil placement, suitable vegetation shall be promptly established and maintained. Erosion shall be repaired. The operator shall notify the Department upon final closure of the site.
24. Compliance with the final closure requirements for the rubbish disposal facility shall be certified by an independent Professional Engineer registered in the State of Mississippi.