

# **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**

Leaf River Cellulose, LLC  
134 Buck Creek Road  
New Augusta, Perry County

has been granted permission to operate a solid waste management facility

located at

Section 6, Township 3 North, Range 6 West

under the name of

Leaf River Cellulose, LLC Industrial Landfill

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: JUN 11 2012  
Expires: MAY 31 2017

Permit No. SW0560020414

## **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.

**E. OPERATING REQUIREMENTS**

1. Disposal activity shall be limited to the area designated in the approved application located in Section 6; Township 3 North; Range 10 West; Perry County, Mississippi.
2. Adequate security and monitoring shall be established and maintained at the site to prevent unauthorized access and disposal. An attendant shall be on duty at any time access to the site is unsecured.
3. Disposal at the site shall be limited to the following wastes generated by Georgia-Pacific Cellulose as described in the plan of operation:
  - a) Slaker rejects
  - b) Construction debris (rubbish material)
  - c) Green liquor dregs
  - d) Wood ash
  - e) Woodyard wastes
  - f) Knotter rejects
  - g) Lime mud
  - h) Cross ties from on-site rail repair
  - i) Miscellaneous waste generated by on-site clean-up activities consisting of paper, plastics, metal, and glass.
  - j) Petroleum Coke
  - k) sandblasting sand

Any sandblasting material that has the potential to be classified as hazardous material under RCRA will require the permittee to verify the solid waste is non-hazardous wastes under RCRA prior to disposal.

Any new waste streams must be approved by the Department prior to disposal at the site.

4. Disposal of liquid wastes, garbage, hazardous wastes, whole tires, asbestos – containing materials, and any other non-approved waste material shall be prohibited at the site, unless otherwise approved by the Department. Incoming waste loads from Georgia-Pacific sites or facilities, containing significant amounts of unauthorized wastes shall not be allowed access for disposal at the site. Loads with incidental amounts of unauthorized wastes may be allowed access for disposal only after the unauthorized materials are removed from the load. Unauthorized waste shall be immediately removed from the site and properly disposed at an authorized disposal facility, or placed in a waste receptacle for later transfer to an authorized disposal facility.
5. The permittee shall apply periodic cover at least once every two weeks or more frequently if required to adequately control disease vectors, windblown litter, fire, odors, and scavenging, or any other sanitary issues

associated with the site. The cover may consist of earthen material, wood ash, green liquor dregs, wood yard waste, slacker grits or an alternate cover material as approved by the Department. Wood yard waste shall be prohibited as a cover, where conditions would allow for the potential of a fire. The Department may require an earthen cover material if the alternate cover material does not provide sufficient sanitary controls at the landfill facility for the quantity and characteristics of waste received.

6. Windblown and scattered litter and debris shall be collected from around the disposal area as necessary and returned to the active working area for proper disposal.
7. Open burning of any solid waste is expressly forbidden. Should an accidental fire occur, the permittee should promptly notify the Department and shall take immediate action to extinguish the fire.
8. The permittee shall retain records of all monitoring information, including copies of all reports and records by the permit, for the operating life of the facility.
9. Records of monitoring information shall include:
  - a) The dates, exact place, and time of sampling or measurements;
  - b) The individuals who performed the sampling or measurements;
  - c) The date (s) analysis were performed;
  - d) The individuals (s) who performed the analysis;
  - e) The analytical techniques or methods used; and
  - g) The result of such analysis.
10. Groundwater monitoring wells identified as P-1, P-2, P-4, and P-7 in site maps shall be monitored annually for the following parameters:

a) pH	h) dissolved lead
b) total dissolved solids	i) dissolved arsenic
c) specific conductivity	j) dissolved barium
d) total chlorides	k) dissolved cadmium
e) total sulfates	l) dissolved chromium
f) total ph	m) volatile organic compounds
g) total nitrates	n) semi-volatile organic com.

11. The permittee shall submit a monitoring report to the Department no later than 30 days following each sampling period to include the analytical results pursuant to Sections E.9 and E.10 of this permit.
12. Surface water contaminated by contact with solid waste shall be collected and disposed as leachate through the company's existing wastewater treatment system, or as otherwise approved by the Department. Leachate or, surface water that is allowed to come in contact with leachate shall not be allowed to discharge into waters of the State, unless authorization is obtained for such a discharge from the Department.
13. The approved leachate management system shall be cleaned, maintained and pumped as necessary to properly manage leachate collection and disposal. The leachate collection system shall be maintained to allow a maximum leachate head of 1 foot within the disposal cell.
14. If determined necessary, the Department may require that the permittee install appropriate methane monitoring systems at the site and that the permittee conduct monitoring activities in accordance with state regulations.
15. No disposal of waste shall be allowed to occur in standing water. In addition, operation of this facility shall be conducted in accordance with all applicable requirements of the U.S. Army Corps of Engineers.
16. At least sixty (60) days prior to the permanent cessation of operations of the existing disposal area, the permittee shall submit a closure/ post – closure plan for the landfill to the Department for approval, demonstrating compliance with the applicable portions of Section IV.E of the State of Mississippi Non-Hazardous Waste Management Regulations.