

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

Jones Chip Mill
has been granted permission to operate a solid waste management facility
located at
20 Sawmill Road in Sandy Hook, Mississippi
Section 18, Township 1 North, Range 13 East
Walthall County
under the name of
Nature's Garden Processing Facility

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

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD



AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: July 6, 2010
Expires: June 30, 2020

Permit No. SW0740050474

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, the application and plan of operation as approved 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 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 there under 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 of 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.
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. The waste management operation, including waste storage, processing, and final product storage, shall be conducted on approximately 15 acres within an approximate 27 acres total property located in Section 18, Township 1 North, Range 13 East, Walthall County, as indicated in the approved permit application.
2. The permittee shall post a sign at each point of access to the operation, adjacent to the nearest public road. The signs shall be constructed of durable material and clearly identify the name and address of the operator and the permit number. The sign shall be maintained during the life of the operation, including periods of temporary suspension.
3. Processing activity shall be restricted to the area defined in the approved application. Processing and storage area boundaries shall be clearly marked and maintained.
4. The permittee is authorized to accept and process primary sludge, dry and soil form, pine bark, sand, and poultry litter. The permittee shall not accept poultry litter exceeding 29% moisture content. No other waste material may be mixed or added with these wastes and processed unless written approval is obtained from the Department.
5. The permittee is authorized to accept process wood wastes that is generated at Jones Chip Mill, Inc, poultry litter collected by Nations Dozer Service, primary sludge generated by Gaylords Paper Mill, pine bark generated by Gaylords Bark, and sand supplied by Louisiana industries.

6. The facility shall not accumulate and/or accept solid waste in quantities that will not be processed within ninety-six (96) hours of waste receipt.
7. Operation of the facility shall be conducted in accordance with all applicable local laws, ordinances and regulations, State regulations and the approved Plan of Operation, as submitted to the Department.
8. Working surfaces of processing equipment that come into contact with poultry litter shall be adequately cleaned within 24 hours of use to maintain sanitary conditions at the site and to minimize potential contamination of other finished products.
9. The permittee shall maintain written records of maintenance and cleaning activities to include the dates of each event.
10. Residual wastes and debris (Class II Rubbish such as rocks, dirt clods, sticks) will be stored on site for timely removal to a state-approved disposal facility. On site storage of these residuals should not exceed 30 days unless otherwise approved by the Department.
11. Waste not suitable for processing will be stored on-site in a posted, designated area and shall not exceed 20,000 yards. The waste shall be transported to an approved disposal facility within 30 days unless otherwise approved by the Department.
12. All finished product to be sold or distributed shall meet the requirements and regulations stipulated by the Mississippi Department of Agriculture and Commerce.
13. The finished products consisting of poultry litter and/or primary sludge to be sold or distributed must meet the following requirements:
 - a. The concentration of each pollutant in the finished product shall not exceed the following limits:

Pollutant	Concentration (milligram per kilogram)
Arsenic	41
Cadmium	39
Copper	1500
Lead	300
Mercury	17
Nickel	420
Selenium	100
Zinc	2800

- b. For finished product material consisting of poultry litter, the density of fecal coliform shall be less than 1000 most probable number (MPN) per gram of total solids (on dry weight basis).
- 14. Any finished product that does not meet the requirements stipulated in Item E.11 shall either be disposed of in a manner approved by the Department or shall be reprocessed to meet said requirements.
- 15. The waste processing storage and the finished product storage shall not exceed 30,000 yards unless otherwise approved by the Department.
- 16. All unprocessed poultry litter and primary sludge and finished product containing poultry litter and/or primary sludge shall be stored in the on-site building so as to minimize contact with stormwater and preclude possible environmental problems or public health nuisances.
- 17. Adequate security and monitoring shall be maintained to prevent unauthorized access to the facility.
- 18. All waste transportation vehicles entering and exiting the processing facility shall be adequately secured to prevent waste spillage from the vehicles.
- 19. The permittee shall clean and/or remediate within 24 hours all areas where solid wastes are spilled during transference of waste from vehicles to storage area.
- 20. Any liquids accumulated at the facility, including leachates, washwater or contaminated storm water shall be controlled in a manner that will preclude obnoxious odors and pollution of State waters.
- 21. The method of waste processing shall not be significantly modified or altered nor shall the processing capacity at the facility be significantly increased unless written consent is obtained from the Department prior to such modifications.
- 22. The facility shall be operated in such a manner as to prevent the migration of objectionable odors off-site.
- 23. The operations of the facility shall not exceed an eight-hour time weighted average (TWA) of 65 decibels between the hours of 7 a.m. and 7 p.m., and an eight-hour TWA of 55 decibels between 7 p.m. and 7 a.m.
- 24. Open burning of solid waste shall be strictly prohibited. Should an accidental or spontaneous fire occur, immediate action shall be taken to contain and extinguish the fire. The Department shall be notified within 24 hours of the fire.
- 25. Inadvertent litter at the facility shall be collected on a daily basis and disposed at a permitted disposal facility or placed in a separate waste container to be serviced by an authorized waste management company.

26. Wastes not specifically described in Item E.3 of this permit are prohibited from on-site processing and/or storage. Incidental amounts of unauthorized wastes shall be removed from the waste load immediately and disposed at a properly permitted disposal site.
27. The permittee shall maintain waste transportation records at the facility certifying the following information for each load of waste material received:
- The name and address of the generating facility;
 - The quantity of wastes transported; and
 - The dates of waste collection and deposit at the processing facility.
28. A representative composite sample of the finished product material consisting of poultry litter and/or primary sludge shall be analyzed once per calendar year, unless otherwise approved by the Department. The following parameters shall be analyzed:

Parameter	Units
Moisture	%
Total Nitrogen (as N)	%
Ammonia Nitrogen (as N)	% dry weight
Nitrate Nitrogen (as N)	% dry weight
Total Phosphorous	% dry weight
Total Potassium	% dry weight
pH	Standard Units
Fecal Coliform	MPN/g
Arsenic	mg/kg
Cadmium	mg/kg
Copper	mg/kg
Lead	mg/kg
Mercury	mg/kg
Nickel	mg/kg
Selenium	mg/kg
Zinc	mg/kg

29. Sample records shall be retained and include the following information:
- The dates, location, and time of sampling or measurements;
 - The individuals who performed the sampling or measurements;
 - The dates analyses were performed;
 - The analytical methods or techniques used; and
 - The results of such analyses.

30. The permittee shall retain all waste transportation records, monitoring records, maintenance records, and copies of all reports and records required by this permit, for the operating life of the facility.
31. The permittee shall submit an annual report to the Department no later than the 28th of February following each calendar year. The annual report shall include the following information related to the operations of the preceding calendar year:
 - a. The analytical results required by Item E.26;
 - b. The quantity of waste received (in tons and/or cubic yards) to be processed at the facility during the calendar year;
 - c. The quantity of each finished product (in tons and/or cubic yards) sold during the calendar year;
 - d. The quantity of processed product (in tons and/or cubic yards) which did not meet the standards for distribution as described in Item E.11 of this permit; the resulting quantity which was disposed of (including the method of disposal); and/or the resulting quantity which was processed to meet the standards described in Item E.11.