

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

Denali Water Solutions, LLC

has been granted permission to operate a solid waste management facility

located at

Sections: 14, 15, 17 – 22, 27 – 29,
Township: 16N, Range: 3W
Section: 22, Township: 16N, Range: 4W
of Humphreys County

under the name of

Humphreys County Industrial Land Application Sites

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: September 10, 2019
Expires: August 31, 2029

Permit No. SW0270030577

CONDITIONS

A. EFFECT OF PERMIT

The permittee shall operate the solid waste management facility in accordance with the Mississippi Nonhazardous Solid Waste Management Regulations (11 Miss. Admin. Code Pt. 4, Ch. 1), applicable state and federal regulations, the approved permit application, and the conditions of this permit. Any changes, alterations, or modifications of the above referenced regulations which pertain to any condition of this permit shall supersede and replace the affected conditions of this permit. In such instances, the permittee shall comply with the altered condition(s) of the regulations.

B. PERMIT ACTIONS

This permit may be modified, revoked, and/or reissued for good cause or noncompliance with the terms and conditions of the permit. The filing of a request for a permit modification, 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 Mississippi Code Annotated and regulations promulgated thereunder and is grounds for enforcement action, permit termination, revocation, reissuance, or 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, 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. Property Rights. It is the responsibility of the permittee to possess and maintain a sufficient interest in or right to the use of the properties described in this permit, including the access route(s).

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 outside the scope of the authority under which this permit is issued.

8. Anticipated Noncompliance. The permittee shall give written notice to the Department at least 30 days in advance of any planned changes in the permitted facility or activity which may result in noncompliance with the requirements of this permit or the Mississippi Nonhazardous Solid Waste Management Regulations.

9. Modification of Permits. Any proposed modification to the approved application or plan of operations resulting in an expansion of the disposal area or a significant change in the method of waste management must be approved by the Permit Board or the Board's designee prior to implementation. Other proposed modification to the approved facility design or operations must be approved by the Department prior to implementation.
10. 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.
11. Disclosure. The permittee shall submit an updated disclosure statement to the Department by February 28 of each year. If all information from the previously submitted disclosure statement is unchanged, a letter stating such may be submitted in lieu of an updated disclosure statement.
12. Signature Requirements. The permittee shall ensure that an application for the reissuance, modification or transfer of this permit and all reports required by this permit or by state regulations shall be signed in accordance with Rule 1.2 of the Mississippi Nonhazardous Solid Waste Management Regulations
13. Contract Operator. If the permittee executes a contract with a private entity to operate the land application site and/or sludge storage operations, a complete disclosure statement for the contractor shall be submitted and approved by the Permit Board or the Permit Board's Designee as set forth in state law and regulations prior to the contractor beginning operations.

E. AUTHORIZED WASTES

1. The permittee is authorized to accept, manage, store and land apply the following sludges:
 - a. Consolidated Fish facility in Belzoni, MS
Waste: Residual sludge from cleaning of existing treatment ponds
 - b. Koch Foods facility in Morton, MS
Waste: Food Processing Residuals
 - c. Tyson Foods facility, (CERES) location in Vicksburg, MS
Waste: Food Processing Residuals

- d. Tyson Foods, (RVAF) location in Forrest, MS
Waste: Food Processing Residuals
 - e. Sanderson Farms in Flowood, MS
Waste: Food Processing Residuals
 - f. Water Valley Poultry in Water Valley, MS
Waste: Food Processing Residuals
2. The Department may approve sludges from new sources, restricted to food recycling, food processing, and animal food processing operations specifically, after having received and reviewed written documentation of the name and address of the generator; the sludge analysis for all parameters listed under paragraph G.4 of this permit; and any other information deemed pertinent.
 3. The permittee shall ensure that new sources are located within the service area described in the Humphreys County Solid Waste Management Plan. Solid waste generated in areas not within the approved service area shall be prohibited from acceptance for storage and land application at the sites authorized under this permit.

F. SLUDGE STORAGE UNIT REQUIREMENTS

1. The permittee is authorized to store authorized sludges in the sludge storage units located in Sections 14 and 15; Township 16N; Range 3W owned by the permittee.
2. Prior to the deposit of sludge in the units, the permittee shall ensure that storage pond liner certification activities, preparation, and/or construction, are conducted in accordance with the approved plans.
3. The permittee must demonstrate to the Department that the storage units have been constructed with an adequate liner system, prior to the placement of authorized waste in the ponds as follows:
 - a. The existing liner must consist of low-permeability earthen materials extending at least two (2) feet beneath the surface and having an average hydraulic conductivity of 1×10^{-7} cm/sec or less. Existing liners failing to meet these criteria shall be re-constructed in accordance with Condition F.4.a prior to use.
 - b. At least two weeks prior to the placement of authorized waste in the storage unit, the permittee shall submit a report confirming that the liner, whether existing or newly constructed, meets the standards