



STATE OF DELAWARE  
**DEPARTMENT OF NATURAL RESOURCES AND  
ENVIRONMENTAL CONTROL**

DIVISION OF WATER  
RICHARDSON & ROBBINS BUILDING  
89 KINGS HIGHWAY  
DOVER, DELAWARE 19901

**GROUNDWATER  
DISCHARGES**

PHONE  
(302) 739-9948

July 19, 2021

Attn: Lauren Miller, Env Mgr  
Denali Water Solutions  
1221 Bruceville Rd. Unit B  
Keymar, MD 21757

Re: State of Delaware Non-Hazardous Liquid Waste Transporters Permit Number DE OH-601

Dear Ms. Miller:

Enclosed please find Non-Hazardous Liquid Waste Transporters Permit Number DE OH-601 which allows Denali Water Solutions to transport biosolids, activated/seed sludge, Dissolved Air Flotation (DAF) solids and skimmings, wastewater, water residuals, food processing residuals and deboning wastewater in the State of Delaware to be disposed of as noted in the permit.

A copy of this permit must be kept with all vehicles used for transport in the State of Delaware.

If you have any questions regarding the permit, please contact me at (302) 739-9948.

Sincerely,

*Katharyn Potter*

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Katharyn Potter, MS  
Environmental Engineer  
Groundwater Discharges Section

*Enclosure*



## Non-Hazardous Liquid Waste Transporters Permit

Issued by: Department of Natural Resources and Environmental Control  
Division of Water  
Groundwater Discharges Section  
89 Kings Highway, Dover, Delaware 19901  
302-739-9948

<b>Denali Water Solutions</b> 1221 Bruceville Rd. Unit B Keymar, MD 21757	Permit Number: <b>DE OH-601</b> Issue Date: 11/9/2018 Amended Date: 7/19/2021 Expiration Date: 11/8/2023
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Pursuant to the provisions of 7 Del. C., Chapter 60, and the State of Delaware Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal Systems, permission is hereby granted to Denali Water Solutions to operate and maintain the vehicle(s) listed in the permit application and any supplemental submissions to the Department's GWDS, operated by Denali Water Solutions, for the purpose of collecting, transporting through Delaware and disposing of the non-hazardous liquid wastes listed in Condition 1 of this permit.

A copy of this permit must accompany each permitted vehicle and be presented upon request to any law enforcement officer or representative of the Department of Natural Resources and Environmental Control (Department).

This permit is issued subject to the following conditions:

1. Disposal site(s) for all waste(s) transported shall be the following:
  - a. Activated/seed sludge:
    - i) Allen Harim Pinnacle Processing Plant (Millsboro);
    - ii) Allen Harim Harbeson Processing Plant;
    - iii) Mountaire Farms Millsboro Processing Plant;
    - iv) Perdue Farms Georgetown Processing Plant and
    - v) out-of-state permitted facilities;
  - b. Dissolved Air Flotation (DAF) solids, wastewater, water residuals and food processing residuals, to be disposed of at the New Castle County Sewer System and out-of-state permitted facilities;
  - c. Other non-hazardous liquid waste (DAF skimmings) and biosolids, to be disposed of at out-of-state permitted facilities;
  - d. Wastewater to be disposed of at Allen Harim Harbeson Processing Plant;
  - e. Dissolved Air Flotation (DAF) solids and deboning wastewater (no sanitary wastewater) to be land applied at the Stanley Collier Farm, Harrington, DE in accordance with Agricultural Utilization of Waste Permit #AGU 2103-K-05 (and subsequent amendments); the Stanley Collier Farm is associated with the following tax parcels:
    - i) 6-00-17600-01-0900;
    - ii) 6-00-17600-01-0600;
    - iii) 6-00-17600-01-0700;
    - iv) 6-00-17600-01-0801; and
    - v) 6-00-17600-01-0802.
  - f. Dissolved Air Flotation (DAF) and deboning wastewater (no sanitary wastewater) to be land applied in accordance with Agricultural Utilization of Waste Permit #AGU 1703-K-05 (and subsequent amendments); the Farms are associated with the following tax parcels:

- i) Schreiber Farm (Feedlot 2):
  - A. 6-00-15600-01-0800-00001;
  - B. 6-00-15600-01-0600-00001;
  - C. 6-00-15600-01-0601-00001;
  
- ii) Seeney Farm:
  - A. 6-00-15600-01-1600-00001;
  - B. 6-00-16700-01-1400-00001;
- iii) Cain Farm: 8-00-13000-01-7000-00001;
- iv) Masten Farm:
  - A. 8-00-14800-01-2600-00001;
  - B. 8-00-14800-01-0200-00001;
- v) Bergold Farm: 8-00-13900-01-1500-00001;
- vi) Winkler Farm:
  - A. 6-00-16000-01-0800-00001;
  - B. 6-00-16000-01-0200-00001;
  - C. 6-00-14900-01-0701-00001;
- vii) Harrison Farm: 8-00-13600-01-1100-00001;
- viii) Home Farm: 6-00-15600-01-0300-00001; and
- ix) Collison Farm:
  - A. 6-00-15900-01-3300-00001;
  - B. 6-00-15900-01-3800-00001;
  - C. 6-00-15900-01-3201-00001;
  - D. 6-00-14800-01-4400-00001.

2. Permittee shall maintain a current copy of their permit/authorization documentation for each authorized facility listed in Condition 1 on file with the Department's Groundwater Discharges Section (GWDS).
3. All non-hazardous liquid waste shall be transported only to authorized facilities.
4. None of the wastes shall be deposited into ditches, watercourses, lakes, ponds, tidewater sources, landed property or at any point other than the authorized facilities mentioned in Condition 1 above.
5. All waste material collected by permittee shall be transported and disposed of in accordance with the regulations of the Department and upon authorization by the authorized facilities listed in Condition 1 above. None of these wastes may be disposed of within the State of Delaware without specific permission of the Department.
6. The company name, address and permit number shall be displayed on both sides of each vehicle used for hauling purposes in letters not less than three inches high and of a color contrasting the color of the vehicle.
7. Every vehicle used for waste transporting purposes shall be equipped with a leak-proof tank or body and shall be maintained in a clean and sanitary condition. All pumps, hoses, and vehicle tanks or bodies shall be maintained so as to prevent leakage. Provisions shall be made to discharge all liquid waste through a leak-proof hose from the tank compartment of the vehicle.
8. All waste transporting truck pumping and discharge hoses shall be fitted with automatic shut-off valves at the tank compartment of the vehicle(s).
9. All vehicles used for transport shall be operated and maintained so as to be in compliance with all state and federal regulations and not present a hazard to human health or the environment through unsafe vehicle conditions. The permittee is responsible for the operation and maintenance of all vehicles operated under this permit.

10. All transporters shall at all times maintain commercial automobile liability insurance with a combined single limit of at least One Hundred Thousand Dollars (\$100,000). Permittee shall maintain a current copy of a Certificate of Insurance demonstrating compliance with this requirement on file with the Department's Groundwater Discharges Section (GWDS).
11. All transporters shall maintain a current copy of their plan for the prevention, control, and cleanup of accidental discharges on file with the Department's GWDS.
12. Any spill greater than 25 gallons shall be reported to the Department's GWDS in writing within five days of the incident and shall include the date, time, location, and measures taken to contain and clean spill.
13. All transporters of sludge shall adhere to the following conditions:
  - a. Liquid sludge (less than 15% solids) shall be transported in watertight vessels such as tank trucks or other vessels which can provide equivalent protection against spills and leakage.
  - b. Sludge cake (15% - 35% solids) shall be transported in watertight boxes, such as dump trucks, properly sealed to prevent leaks, or cement type vehicles. When sludge cake is transported in dump trucks the following standards shall be met:
    - i) The trucks shall be equipped with splash guards firmly attached horizontally at the front and rear of the trailer;
    - ii) Each splash guard shall cover at least 25% of the trailer's open area; and
    - iii) A minimum two feet of freeboard shall be maintained between the sludge and the top of the trailer unless the top of the trailer is completely sealed.
  - c. Dried sludge (greater than 35% solids) may be transported in open boxes, such as dump trucks, which are properly sealed to prevent leakage. The trucks shall be covered with tarps or the equivalent.
14. All individuals who will be responsible for the removal of the solid and liquid contents of septic tanks, cesspools, seepage pits, holding tanks, portable toilets or any other individual residential on-site wastewater treatment and disposal system shall maintain a Class F Liquid Waste Hauler License (Class F License). While performing any Class F License related work, the Class F Licensee shall keep a copy of their Class F License identification card available for verification.
15. All transporters of septage shall pump on-site wastewater treatment and disposal systems according to the State of Delaware Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal Systems, amended January 11, 2014.
16. The only repairs a Class F Licensee is authorized to perform are the following: repair, add or replace septic tank and/or holding tank risers, baffles, lids, distribution box lids and effluent filters. No other repairs are authorized to be performed except by a Class E System Contractor who must first obtain a Repair Permit from the Department's GWDS.
17. All transporters are prohibited from pumping out grease traps without first entering into a Grease Trap Maintenance Contract with the property owner. A copy of the contract document must be submitted to the Department's GWDS within 15 days of signing the contract. Permittee may not enter into a Grease Trap Maintenance Contract unless the permittee has an authorized facility to dispose of grease trap waste identified in this permit. Co-mingling of septage and grease trap waste is prohibited, unless specifically approved, in writing, by the authorized facility(ies) that will be receiving the grease trap waste. If a "Grease Trap Maintenance Contract" is voided by either party, the permittee shall notify the Department's GWDS in writing within 30 days.

18. Class F Licensees are prohibited from pumping out holding tanks without first entering into a Sewage Holding Tank Maintenance Contract with the property owner. A copy of the contract document must be submitted to the Department's GWDS within 15 days of signing the contract. If a Sewage Holding Tank Maintenance Contract is voided by either party, the permittee shall notify the Department's GWDS in writing within 30 days.
19. If the permittee is transporting Septage, Holding Tank Waste, or Municipal and/or Industrial Biosolids & Sludge from Package Treatment Plants, the permittee shall maintain a bond, or other security in a form approved by the Department's GWDS, in the amount of Five Thousand Dollars (\$5,000) on file with the Department's GWDS. The bond shall be payable to the State of Delaware and the obligation of the bond shall be conditioned upon the fulfillment of all requirements related to the permit.
20. No waste petroleum or non-domestic waste products may be collected or discharged by any waste transporter unless in accordance with a specific permit for these types of wastes. Transportation of liquid wastes containing any petroleum products will require a permit from the Division of Waste and Hazardous Substances (302-739-9400).
21. This permit does not relieve the transporter of complying with any other applicable Federal, State or local regulations.
22. In the event that regulations or guidelines governing the activity authorized herein are revised, this permit may be reopened and modified after notice and opportunity for a public hearing. At that time, additional limitations, requirements, and/or special conditions may be included in the permit.
23. This permit may be suspended or revoked for violation of any of these permit conditions, Department regulations, orders of the Secretary, provisions of the Environmental Protection Act of 1973 (7 Del. C., Chapter 60), or failure to pay applicable Department fees.
24. A complete renewal application must be submitted to the Department's GWDS at least 45 days prior to the expiration of this permit to ensure renewal prior to expiration.
25. Pursuant to House Bill No. 360, June 25, 1991, Permittees are required to pay an annual permit fee of Four Hundred Fifty Dollars (\$450.00), payable to the State of Delaware. An annual fee invoice will be mailed to each permittee, to the address on file. This fee is due October 1st of each calendar year. Non-payment of the annual fee shall result in revocation of this Permit.
26. All persons who will be responsible for the removal of the solid and liquid contents of septic tanks shall ensure that the required quarterly reports documenting the location, 911 mailing address and amount of septage removed (in total gallons) from each septic tank pumped out in Delaware are furnished to the GWDS.
27. Waste materials which are transported to a landfill, recycling center, composting facility, or a Delaware Solid Waste Authority (DSWA) facility must obtain a Solid Waste transporter permit from the Division of Waste and Hazardous Substances. A Non-Hazardous Liquid Waste Transporter Permit does not relieve a transporter from having to obtain a Solid Waste transporter permit in those circumstances.

Signed,

*Katharyn Potter*

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Katharyn Potter, MS  
Environmental Engineer  
Groundwater Discharges Section