

STATE OF DELAWARE  
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL  
APPLICATION FOR A WATER ALLOCATION PERMIT

VIOLATIONS ARE SUBJECT TO PENALTY PROVIDED BY 7 DEL. C. CHAPTER 60

MAIL TO:

OFFICIAL USE ONLY:

Water Supply Assessment & Protection  
DIV. of WATER - DNREC  
89 KINGS HIGHWAY  
DOVER, DE 19901  
FOR INFORMATION: (302) 739-9948

DNREC ALLOCATION NO. \_\_\_\_\_  
DRBC DOCKET NO. D-\_\_\_\_\_-\_\_\_\_ CP  
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APPLICATION FEE VALIDATION -->  
RECEIVED BY \_\_\_\_\_

PLEASE TYPE OR PRINT

1. Owner's Name Sand Hill, LLC  
Address PO BOX 1686  
City Jackson State WY Zip 83001 Telephone # 307-734-1654  
Email Address mariah@coninv.com
2. Project Name The Granary at Draper Farm  
Address Tax Parcel ID: 2-35-20.00-12.00 & 2-35-20.00-19.00  
City Milton State DE Zip 19968 Telephone # 307-734-1654
3. Date of Application August 26, 2025
4. Name, address, and telephone # of geologist (or Engineer): Davis, Bowen & Friedel; 1 Park Ave, Milford, DE 19963  
(302) 424-1441
5. Attach a map with marked locations of all facilities (wells, streams, and pond intakes).  
**Applications for irrigation systems must also show the acreage served by each facility. All applications must show, where appropriate, the locations of service areas, water tanks, interconnections, and property/corporate boundaries.**
6. Purpose (check): ☐ Public ☐ Industrial Process ☐ Industrial Cooling  
☒ Irrigation ☐ Commercial ☐ Contaminant Recovery ☐ Other \_\_\_\_\_
7. Facility information: (attach additional sheets if needed)

A. Facility Local ID	B. Facility Permit No.	C. Maximum Pump Capacity (Gallons Per Minute)	D. Maximum Use (Gallons Per Day)	E. Irrigated Acres/Total Acreage
see attached				

These next 6 questions are specific to how your system runs for Irrigation purposes.

8. How many inches of water is required per week to meet the needs of your crop?

No crops. Well is for open space irrigation and swm pond filling as necessary

9. How many days would you typically spray irrigate in a week to meet the needs of item 8?

N/A

10. How many hours per day would the spray irrigation run on a typical day?

N/A

11. How many weeks is irrigation required during a typical growing season?

At least 20 weeks

12. Do you require any pre/post-season irrigation to adjust soil moisture prior to planting the crop?

Yes

13. If off-peak season irrigation is required, what is the weekly water need and for how many weeks?

Dependent on Weather conditions, but would mimic the water need during the growing season.

14. Requested rates (~~Million Gals~~): 144,000 thousand Day 3,168,000 million Month 15,840,000 million Year

Sub-Total \_\_\_\_\_ System Total \_\_\_\_\_ (check Sub if systems interconnect)

Calculations based on 5 months a year, 22 days/mo

15. For irrigation projects only: Total tillable acreage: \_\_\_\_\_ Irrigated acreage: +/- 30ac

16. What is the estimated consumptive use, as a percentage of the total withdrawal? Estimate of 80%

17. For each well listed in #8 (above), attach Completion Reports and pumping test reports as specified in the Well Permit. If reports not available, attach all information about the wells or intakes.

18. Describe all treatment the withdrawn water will receive prior to use.

19. Are all facilities listed in #7 (above) individually metered? will be. Identify those not metered and submit a proposed schedule for meter installation.

20. A. **Public water supply systems:** A Conservation Program which provides for the monitoring, prevention, and repair of leakage throughout the system, provides customer information relating to water conservation and water-saving devices.

B. **Industrial, Commercial, and other water supply projects:** A Conservation Program which provides for the investigation of all feasible conservation measures and provides for the implementation of those feasible as soon as possible. A description of leak-detection monitoring and all feasible process-modifications for minimizing both water usage and loss.

21. Drought Emergency Plan for projects with total system water withdrawal over 1.0 mgd. Attach the following plan description. (not applicable to irrigation projects).

A. Identification of all priority uses for water throughout the system or service area, water usage restriction schedules, implementation procedures, and any alternate sources of water.

22. AFFIDAVIT

I, Mariah Underhill, hereby affirm this application and any plans, reports, or documents submitted with this application to be true and correct to the best of my knowledge and belief.

Signature   
Date August 28, 2025

SWORN TO AND SUBSCRIBED before me the 28 day of August.

  
NOTARY PUBLIC

\*Applications for withdrawal for agricultural irrigation are not required to be notarized.

