

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
APPLICATION FEE VALIDATION -->
RECEIVED BY _____

PLEASE TYPE OR PRINT

1. Owner's Name JAMES BOWMAN
Address 960 BOWMAN RD.
City MILFORD State DE Zip 19963 Telephone # 302 233-2820
Email Address BOWMANBUS@GMAIL.COM
2. Project Name ISAAC FARM
Address _____
City _____ State _____ Zip _____ Telephone # _____
3. Date of Application 3-27-25
4. Name, address, and telephone # of geologist (or Engineer): _____
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)
ISAAC'S #1	288515	200	288,000
ISAAC'S #2	288519	150	216,000

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? 2 in
9. How many days would you typically spray irrigate in a week to meet the needs of item 8? 3
10. How many hours per day would the spray irrigation run on a typical day? 12
11. How many weeks is irrigation required during a typical growing season? 12 weeks
12. Do you require any pre/post-season irrigation to adjust soil moisture prior to planting the crop? NO
13. If off-peak season irrigation is required, what is the weekly water need and for how many weeks? 0
14. ☒ Requested rates (Million Gals): _____ Day _____ Month _____ Year
Sub-Total _____ System Total _____ (check Sub if systems interconnect)
15. For irrigation projects only: Total tillable acreage: 36 Irrigated acreage: 30
16. What is the estimated consumptive use, as a percentage of the total withdrawal? 100
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? NO. Identify those not metered and submit a proposed schedule for meter installation.