

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:

ALLOCATIONS - WATER SUPPLY BRANCH
DIV. of WATER - DNREC
89 KINGS HIGHWAY
DOVER, DE 19901
FOR INFORMATION: (302) 739-9945

OFFICIAL USE ONLY:

DNREC ALLOCATION NO. 22-0039A
DRBC DOCKET NO. D- _____ - _____ CP
APPLICATION FEE VALIDATION -->
RECEIVED BY _____

PLEASE TYPE OR PRINT

1. Owner's Name Burton O'Kels
Address 8812 O'Kels Dr
City Seaford State De Zip 19913 Telephone # 302-679-4183
Email Address b.farms@verizon.net
2. Project Name _____
Address _____
City _____ State _____ Zip _____ Telephone # _____
3. Date of Application 8-22-22
4. Name, address, and telephone # of geologist (or Engineer): _____
5. Attach a map (USGS 7 1/2-minute quadrangle) with accurately and clearly 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)
1917	Home Well 1. 8812 O'Kels Dr Seaford		650	16,250
	LDW Well 2. 8812 O'Kels Dr Seaford	238084	135	93,600
1924	Cokesbury Well 3. 14156 Cokesbury Rd. Georgetown	98675	1000	840,000



Burton SUE

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?
At Peak corn needs 1/2 of inch per day
9. How many days would you typically spray irrigate in a week to meet the needs of item 8?
At Peak we go over ever other day
10. How many hours per day would the spray irrigation run on a typical day?
We run at P.M. 7:00 P.M. 9:00 A.M. 14 Hours
11. How many weeks is irrigation required during a typical growing season? *14 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?
NA
- NA* 4. Requested rates (Million Gals): *950,000* Day _____ Month _____ Year _____
Sub-Total _____ System Total _____ (check Sub if systems interconnect)
15. For irrigation projects only: Total tillable acreage: *83* Irrigated acreage: *73*
16. What is the estimated consumptive use, as a percentage of the total withdrawal? *NA*
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. *NA*
19. Are all facilities listed in #7 (above) individually metered? *Yes*. 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, Burt O'Kels, 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 Burt O'Kels
Date 8-22-22

SWORN TO AND SUBSCRIBED before me the _____ day of _____.

NOTARY PUBLIC

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

