

**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

OFFICIAL USE ONLY:

MAIL TO:

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

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

PLEASE TYPE OR PRINT

1. Owner's Name Brandon Bank  
 Address \_\_\_\_\_ Telephone # \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Email Address \_\_\_\_\_

2. Project Name East Farm - 7 wells  
 Address \_\_\_\_\_ Telephone # \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

3. Date of Application 12/12/24

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, 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 sheet(s) as needed)

RD  
 P41 - 100 Conf Ered  
 P42 - 100  
 P43

A. Facility Local ID	B. Facility Permit No.	C. Maximum Pump Capacity (Gallons Per Minute)	D. Maximum Use (Gallons Per Day)	Total Acres/Irrigated
<u>Pcent 1-3</u>	<u>241716 241710</u>	<u>P43-242480</u>	<u>Combo 600gpm</u>	<u>95</u>
<u>James East 1</u>	<u>243874</u>			
<u>James East 2</u>	<u>97441</u>			
<u>Rhodes 1</u>	<u>97442</u>			
<u>Rhodes 2</u>	<u>97443</u>			

287050

800

1.152MGD

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?

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

~~4~~ 1"  
4 x week

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

64 hrs for creek on 1"

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

12

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?

14. Requested rates in million gallons (MG): \_\_\_\_\_ Day \_\_\_\_\_ Month \_\_\_\_\_ Year

Sub-Total \_\_\_\_\_ System Total \_\_\_\_\_ (Check One)

15. For irrigation projects only: Total tillable acreage: \_\_\_\_\_ Irrigated acreage: \_\_\_\_\_

16. What is the estimated consumptive use, as a percentage of the total withdrawal? \_\_\_\_\_

17. Can water be transferred from facilities other than those listed in #8 (above)? \_\_\_\_\_ If so, give the name and location, the use for the water, and list average daily, monthly, and yearly flows. (Interconnections with other systems should be marked on the map attached for #6).

18. Discuss the feasibility of interconnecting with other systems. (not applicable to irrigation projects).

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

20. Attach copies of the latest reports on chemical and bacteriological analyses for the water from each facility. (not applicable to irrigation wells and irrigation surface-intakes).

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

22. Describe the method of treatment for this project's wastewater. If the wastewater is discharged to surface waters or lands, attach copies of the latest chemical and bacteriological analyses of the effluent, including temperature (DMRs), and where appropriate the disposal project study. Or, name the treatment facility for this wastewater.

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

24. For public supply projects only: what percent of individual service-connections are metered? \_\_\_\_\_. If not 100%, when it will be 100%. What is the present population? \_\_\_\_\_ in five years? \_\_\_\_\_

25. Conservation Program for projects with total system water withdrawals over of 1.0 mgd. Attach the appropriate program description. (not applicable to irrigation projects).

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.

26. 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 are, priority locations, water usage restriction schedules, implementation procedures, and any alternate sources of water.

27. AFFIDAVIT

I, Brandon Book, 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 \_\_\_\_\_

SWORN TO AND SUBSCRIBED before me the \_\_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
NOTARY PUBLIC

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