

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:

Allocations- Water Supply Assessment & Protection  
Div. of Water - DNREC  
89 KINGS HIGHWAY  
DOVER, DE 19901  
(302) 739-9948

DNREC ALLOCATION NO. \_\_\_\_\_  
DRBC DOCKET NO. D- \_\_\_\_\_ - \_\_\_\_\_ CP

APPLICATION FEE VALIDATION -->  
RECEIVED BY \_\_\_\_\_



PLEASE TYPE OR PRINT

1. Owner's Name Curtis Leroy James  
Address 2989 Woodland Ferry Rd  
City Seaford State DE Zip 19973 Telephone # \_\_\_\_\_  
Email Address \_\_\_\_\_

2. Project Name CTS Farm LLC  
Address 26242 Bethel Concord Rd  
City Seaford State DE Zip 19973 Telephone # 302-745-8984

3. Date of Application 4/25/25

4. Name, address, and telephone # of geologist (or Engineer): \_\_\_\_\_

5. Attach a map with accurately 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, any 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)

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

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?

1"

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

3-4

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

6

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

4 May - August

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?

N/A

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

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

15. For irrigation projects only: Total tillable acreage: 30 Irrigated acreage: 30

16. What is the estimated consumptive use, as a percentage of the total withdrawal? 95%

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 the latest 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 area, priority locations, water usage restriction schedules, implementation procedures, and any alternate sources of water.

27. AFFIDAVIT

I, Scott G. Smith, 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 4/28/25

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

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

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