## 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

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Water Supply Assessment & Protection DIV. of WATER - DNREC

DNREC DNREC ALLOCATION NO. DRBC DOCKET NO. D-Mision of Water

89 KINGS HIGHWAY APPLICATION FEE VALIDATION --> **DOVER, DE 19901** FOR INFORMATION: (302) 739-9948 RECEIVED BY\_ PLEASE TYPE OR PRINT 1. Owner's Name Address Telephone #302-270-462 Email Address 2. Project Name Address elephone # City\_\_ 3. Date of Application 9-8-2025 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.<br>Facility<br>Local ID | B.<br>Facility<br>Permit No. | C.<br>Maximum Pump Capacity<br>(Gallons Per Minute) | D.<br>Maximum Use<br>(Gallons Per Day) |
|----------------------------|------------------------------|---|--|
|                            |                              | 500   | 720,000                                |
|                            |                              |   |  |
|                            |                              |   |  |

## 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?  |
|-----|--|
|     | Max 2,5  |
| 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   |
| 12. | Do you require any pre/post-season irrigation to adjust soil moisture prior to planting the crop?  |
| 10  | Some Times   |
| 13. | If off-peak season irrigation is required, what is the weekly water need and for how many weeks?   |
| 14. | Nz Inch 3 weeks  Requested rates (Million Gals): 45 Day 13 Month 23 Year   |
|     | Sub-Total System Total (check Sub if systems interconnect)   |
|     |  |
| 15. | For irrigation projects only: Total tillable acreage: 48 Irrigated acreage: 38 ->46  |
| 1.  | 107  |
| 16. | What is the estimated consumptive use, as a percentage of the total withdrawal?  |
| 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? 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 And Well Well , 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 A Andre Web Date   |
| SWORN TO AND SUBSCRIBED before me the day of   |
| NOTARY PUBLIC  |

<sup>\*</sup>Applications for withdrawal for agricultural irrigation are not required to be notarized.