

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 ALLOCATIONS BRANCH  
DNREC - DIVISION OF WATER  
89 KINGS HIGHWAY  
DOVER, DE 19901  
(302) 739-9945  
<http://www.dnrecstate.de.us>

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

PLEASE TYPE OR PRINT

1. Owner Name The City of Seaford  
Address 1001 W. Locust Street  
City Seaford State De Zip 19973 Phone # \_\_\_\_\_  
Email \_\_\_\_\_
2. Project Name Irrigation Well  
Address 1001 W. Locust Street  
City Seaford State De Zip 19973 Telephone # (302) 381-4024
3. Date of Application 02/23/2023
4. Name, address, and telephone # of geologist (or engineer): Aquatech Water Specialties, LLC
5. Attach a map (USGS 7 1/2-minute quadrangle only) with 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, if applicable, 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) if needed)

A. Facility Local ID	B. Facility Permit No.	C. Maximum Pump Capacity (GPM)	D. Maximum Use (GPD)	E. Acreage Total/ Irrigated
5-31-13.00-0001.01	283552	400	575,000	200/150



8. Requested rates (MG): 5.75 Day 17 Month 50 Year \_\_\_\_\_  
 Sub-Total \_\_\_\_\_ System Total 50
9. For irrigation projects only: Total tillable acreage: 200 Irrigated acreage: 150
10. What is the estimated consumptive use, as a percentage of the total withdrawal?
11. Can water be transferred from facilities other than those listed in #8 (above)? No 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).
12. Discuss the feasibility of interconnecting with other systems. (not applicable to irrigation projects).
13. For each well listed in #8 (above), attach copies of Completion Reports and pumping test reports as specified in the Well Permit. If these reports do not exist, attach all available information about the wells or intakes.
14. 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).
15. Describe all treatment the withdrawn water will receive prior to use.
16. 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. Otherwise, name the treatment facility for this wastewater.
17. Are all facilities listed in #7 (above) individually metered? Yes. Identify those not metered and submit a proposed schedule for meter installation.
18. For public supply projects only: what percent of individual service-connections are metered? N/A If not 100%, when will it be 100%.  
 What is the present population? \_\_\_\_\_ in five years? \_\_\_\_\_
19. 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 the implementation as soon as possible. A description of leak-detection monitoring and all feasible process-modifications for minimizing both water usage and loss.
20. 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.

21. AFFIDAVIT

I, Charles Anderson, 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 [Handwritten Signature]

Date 2/22/2024

SWORN TO AND SUBSCRIBED before me the 22nd day of February A.D., 2024

[Handwritten Signature]  
NOTARY PUBLIC



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