

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 Supply Assessment & Protection  
DIV. of WATER - DNREC  
89 KINGS HIGHWAY  
DOVER, DE 19901  
FOR INFORMATION: (302) 739-9948

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

PLEASE TYPE OR PRINT

1. Owner's Name Artesian Water Comapny, Inc.  
Address 664 Churchmans Road  
City Newark State DE Zip 19702 Telephone # 302-453-6900  
Email Address bprice@artesianwater.com
2. Project Name Lester Farm Wells 3 and 4  
Address 1573 and 1541 Polebridge Road  
City Middletown State DE Zip 19709 Telephone # N/A
3. Date of Application 01/03/2024  

Peter Demicco  
Brightfields, Inc.  
801 Industrial Street  
Wilmington, DE 19801  
302-656-9600
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. Map is on file at DNREC.**
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)
Lester Farm Well 3	285568	300	432,000
Lester Farm Well 4	285569	300	432,000

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?

N/A

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

N/A

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

N/A

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

N/A

12. Do you require any pre/post-season irrigation to adjust soil moisture prior to planting the crop?

N/A

13. If off-peak season irrigation is required, what is the weekly water need and for how many weeks?

N/A

14. Requested rates (Million Gals): 0.864 Day 25.92 Month 315.36 Year

Sub-Total X System Total \_\_\_\_\_ (check Sub if systems interconnect)

15. For irrigation projects only: Total tillable acreage: N/A Irrigated acreage: N/A

16. What is the estimated consumptive use, as a percentage of the total withdrawal? 10%

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.

Completion reports and pump test reports will be submitted after the wells are constructed and tested.

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 Describe all treatment the withdrawn water will receive prior to use.

Water is treated by chlorination, iron removal, flouridation, pH adjustment, and phosphate corrosion inhibitor.

19. Are all facilities listed in #7 (above) individually metered? No. Identify those not metered and submit a proposed schedule for meter installation. Wells will be individually metered prior to being placed in service.

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. [On file at DNREC](#)

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.

[On file at DNREC](#)

22. AFFIDAVIT

I, Daniel Konstanski, 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

11/3/25

SWORN TO AND SUBSCRIBED before me the 3<sup>rd</sup> day of January 2025

Crystal Lynn Gibson  
NOTARY PUBLIC



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