

**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 Artesian Water Company, Inc.
Address 664 Churchmans Road
City Newark State DE Zip 19702 Phone # 302-453-6900
2. Project Name Stockley Center
Address 26351 Patriots Way
City Georgetown State DE Zip 19947 Telephone # (____) _____
3. Date of Application 10/29/2024
4. Name, address, and telephone # of geologist (or engineer): _____
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.
On file at DNREC.
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
Taramianz Road - #1	10505	150	110,000	N/A
Lloyd Lane - #2	35113	250	110,000	N/A
Medical Center - #1	218985	100	25,000	N/A
Medical Center - #2	286507	100	25,000	N/A

8. Requested rates(MG): _____ Day 0.245 Month 4.05 Year 48.6
Sub-Total System Total _____
9. For irrigation projects only: Total tillable acreage: N/A Irrigated acreage: N/A

10. What is the estimated consumptive use, as a percentage of the total withdrawal? 9.3%
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).
Interconnection with Sussex Central and Ennis School systems is planned.
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.
Completion report for Medical Center Well 2 will be submitted after construction. Other reports are on file at DNREC.
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).
Results for Medical Center Well 2 will be submitted after construction. Other results are on file at DNREC.
15. Describe all treatment the withdrawn water will receive prior to use.
Water will be treated with sodium hypochlorite, sodium hydroxide, and a phosphate based corrosion inhibitor.
16. Describe the method of treatment for this project's waste water. If the waste water 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 waste water.
Wastewater is discharged to the Town of Millsboro's sewer system.
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? 100% If not 100%, give a schedule of when it will be 100%. What is the present population? 450 in five years? 1000.
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.
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.
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. On file at DNREC.

21. AFFIDAVIT
I, Daniel Konstancki, 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 10/30/24

SWORN TO AND SUBSCRIBED before me the 30th day of October A.D., 2024

Susan Mayer Betts
NOTARY PUBLIC

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

