

**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 G.W. Shockley + Sons Inc.
Address 21657 Shockley Rd.
City Milford State DE Zip 19963 Telephone # 302-245-7424
Email Address FayShockley@aol.com.
2. Project Name Toms Well Location Will Be Off of McColley Rd
Address 21657 Shockley Rd
City Milford State DE Zip 19963 Telephone # 302-245-7424
3. Date of Application 10/4/24
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
Toms 1	287136	800 GPM		60
Toms 2	287138			

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?
1.2 inches
9. How many days would you typically spray irrigate in a week to meet the needs of item 8?
2 day
10. How many hours per day would the spray irrigation run on a typical day?
12 Hours
11. How many weeks is irrigation required during a typical growing season?
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?
14. Requested rates in million gallons (MG): _____ Day _____ Month _____ Year
Sub-Total _____ System Total _____ (Check One)
15. For irrigation projects only: Total tillable acreage: *88* Irrigated acreage: *60*
16. What is the estimated consumptive use, as a percentage of the total withdrawal? _____
17. 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).
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.

Division of Water
Commercial & Government Services Section
89 Kings Highway
Dover, DE 19901

Phone: (302) 739-9948
Fax: (302) 739-7764
<https://dnrec.alpha.delaware.gov/>

INSTRUCTIONS FOR FILING A WATER ALLOCATION PERMIT APPLICATION

State law (7 Del. C. Subsection 6003 (a)) requires permitting of projects withdrawing water from the surface or the ground at a rate greater than 50,000 gallons per day. For effected projects application must be made to the Department of Natural Resources and Environmental Control (DNREC) to obtain a Water Allocation Permit. All applications for public, industrial, and commercial Water Allocation Permits must be accompanied by one-time permit fee payment of \$375 for each surface-water body (stream or pond) and aquifer supplying the system, regardless of the number of withdrawal points in either. (NOTE: Irrigation projects and permit modifications do not require a fee payment). The Water Allocation Permit fee payment check payable to the State of Delaware.

If the project is both within the Delaware River basin and its withdrawals are 100,000 gallons per day or greater, in any 30-day period, application must also be made to the Delaware River Basin Commission (DRBC). If so, contact the DRBC at P.O. Box 7360, West Trenton, NJ 08628-0360. Phone (609)883-9500; Fax (609)883-9522

All checks must be signed by the project owner or authorized agent. Please submit the appropriate items to:

Water Supply Assessment & Protection Section
Commercial & Government Services Section
DNREC -Div of Water
89 KINGS HIGHWAY
DOVER, DE 19901

If you have questions on this application, please call the WSAP Section at (302) 739-9948.

THE SYSTEM OWNER, WATER-FACILITY MANAGER, OR A CONSULTANT MUST COMPLETE THIS APPLICATION. A SEPARATE APPLICATION IS NEEDED FOR EACH SYSTEM OWNED.

1. List all requested information for the owner of the system. For privately-owned projects, list all applicable corporate names. Include mailing and street addresses where appropriate.
2. List all information for the project if different from #1 above. Specify the development, site, or tract name as appropriate, where the withdrawals will be located.
3. List the date the application is signed.
4. If a geologist or engineer has been involved with the development of the water supply, or facilities, give their name, address, and telephone number. Exclude drilling contractors.

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 are, priority locations, water usage restriction schedules, implementation procedures, and any alternate sources of water.


27. AFFIDAVIT

I, *Paul Shokley*, 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 *Paul Shokley*
 Date *10/10/24*

SWORN TO AND SUBSCRIBED before me the *10th* day of *Oct*

Jacqueline E. Quigley
 NOTARY PUBLIC



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