

STATE OF DELAWARE  
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL  
APPLICATION FOR A WATER ALLOCATION PERMIT

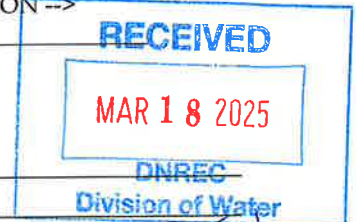
VIOLATIONS ARE SUBJECT TO PENALTY PROVIDED BY 7 DEL. C. CHAPTER 60

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 FRANCIS J. O'NEILL II  
Address 2558 WHEATLEY'S POND ROAD  
City SMYRNA State DE Zip 19977 Telephone # 302-363-1353 (C)  
Email Address FJO1PPC@YAHOO.COM
2. Project Name Oneil Farm  
Address 2558 Wheatleys Pond Rd  
City Smyrna State DE Zip 19977 Telephone # 302-653-8618
3. Date of Application 2/1/25
4. Name, address, and telephone # of geologist (or Engineer): Rick Carmine 302-462-6546  
11432 Trussum Pond Rd Louisville 19956
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. Facility Local ID	B. Facility Permit No.	C. Maximum Pump Capacity (Gallons Per Minute)	D. Maximum Use (Gallons Per Day)
Well #1	unknown	300	432,000
Well #2	245469	400	576,000
Well #3 (New)	TBD	500 (TBD)	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?

2

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

4

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

24

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

8

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

yes

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

14. Requested rates (Million Gals): 1.728 Day 13.824 Month 27.648 Year

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

15. For irrigation projects only: Total tillable acreage: 156 Irrigated acreage: 120

16. What is the estimated consumptive use, as a percentage of the total withdrawal? 100%

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.

None

19. Are all facilities listed in #7 (above) individually metered? No. Identify those not metered and submit a proposed schedule for meter installation.

Total flow calculated using electric hour meter

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.

N/A

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.

N/A

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).

N/A


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

I, \_\_\_\_\_, 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

  
3/14/25

SWORN TO AND SUBSCRIBED before me the \_\_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
NOTARY PUBLIC

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

300

Whealleys Pond Rd

300

3 Phase 200A service

Well 1-8" 25HP 300gpm

Well 4" #242753

Well 2-8" 25HP 400gpm #245469

4 Tower pivot

New 8" well #3

17 Tower pivot

A

Rd 147

Google Earth

Image © 2025 Airbus





300

Wheatleys Pond Rd

300

3 Phase 200A service

Well 1-8" 25HP 300gpm

Well 4" #2242753

Well 2-8" 25HP 400gpm #2245469

4 Tower pivot

New 8" well #3

7 Tower pivot

Rd 147

Google Earth

Image © 2025 Airbus

