

MAIL TO:

OFFICIAL USE ONLY:

ALLOCATIONS - WATER SUPPLY BRANCH

DNREC ALLOCATION NO. _____

DIV. of WATER - DNREC

DRBC DOCKET NO. D- _____ - _____ CP

89 KINGS HIGHWAY

DOVER, DE 19901

APPLICATION FEE VALIDATION -->

FOR INFORMATION: (302) 739-9945

RECEIVED BY _____

PLEASE TYPE OR PRINT

1. Owner's Name Joel Petersman
 Address 4873 Mills Rd
 City Milford State DE Zip 19963 Telephone # 302-249-0725
 Email Address JSP7512@yahoo.com
2. Project Name Home Farm / Dad's Farm
 Address 4873 Mills Rd / 20728 Sapp Rd
 City Milford State DE Zip 19963 Telephone # 302-249-0725
3. Date of Application 2/27/24
4. Name, address, and telephone # of geologist (or Engineer): _____

5. Attach a map (USGS 7 1/2-minute quadrangle) with accurately and 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, 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)
Home Farm		500	480,000
Dad's Farm		350	310,000

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?
1/2" - 1 1/2"
9. How many days would you typically spray irrigate in a week to meet the needs of item 8?
1-2
10. How many hours per day would the spray irrigation run on a typical day?
12-16

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

4-8 weather dependent

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

Possibly but not usually

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

maybe one day at most

14. Requested rates (Million Gals): 790,000 Day 2,370,000 Month 47,400,000 Year

Sub-Total _____ System Total _____ (check Sub if systems interconnect)

15. For irrigation projects only: Total tillable acreage: 76± Irrigated acreage: 65

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.

19. Are all facilities listed in #7 (above) individually metered? _____. Identify those not metered and submit a proposed schedule for meter installation.

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.

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.

22. AFFIDAVIT

I, Joel Peterman

_____, 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 2-29-24

SWORN TO AND SUBSCRIBED before me the _____ day of _____.

NOTARY PUBLIC

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

3:45

LTE 67

Search



100%

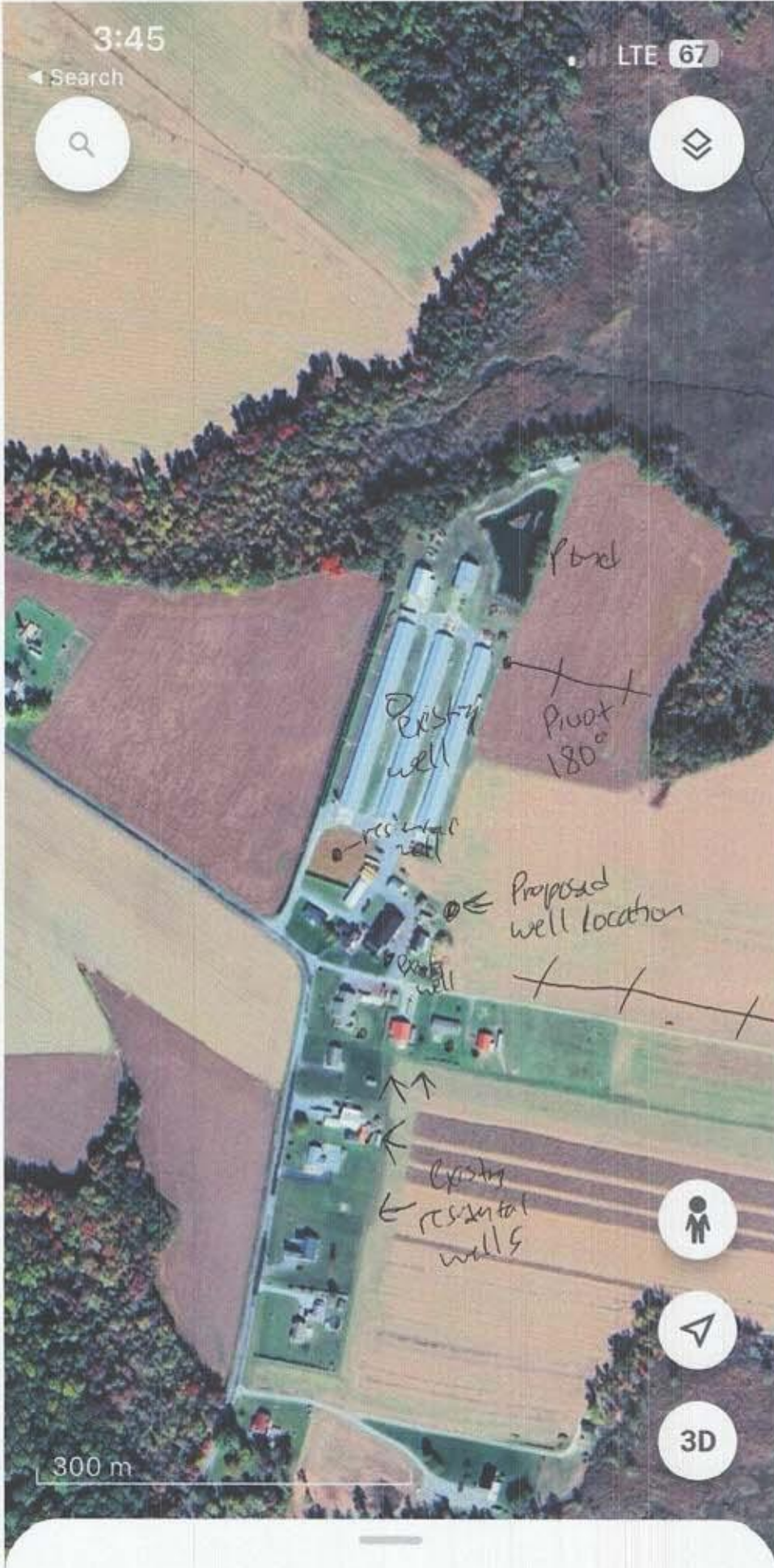


Dad's Farm

3:45

LTE 67

Search



300 m



3D

Pivot 180°

Pond

Existing well

residential well

Proposed well location

Existing well

Existing residential wells

Pond

Pivot 180°