

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 BRANCH
 DIV. of WATER - DNREC
 89 KINGS HIGHWAY
 DOVER, DE 19901
 FOR INFORMATION: (302) 739-9945

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

PLEASE TYPE OR PRINT

1. Owner's Name Sara Bunting
 Address ~~30472~~ 28506 Care Bear Lane
 City Dagsboro State DE Zip 19939 Telephone # 302 732-9021
 Email Address _____
2. Project Name Mark Atkins
 Address 30472 Iron Branch Rd
 City Dagsboro State DE Zip 19939 Telephone # 302 245-3835
3. Date of Application April 22, 2024
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)
Well #3		500 GPM	240,000

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"

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

2 Days

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

12 HRS

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

4 Weeks

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?

None

14. Requested rates (Million Gals): 240,000 Day 1,920,000 Month 3,840,000 Year

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

15. For irrigation projects only: Total tillable acreage: 60 Irrigated acreage: 30

16. What is the estimated consumptive use, as a percentage of the total withdrawal? 75%

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.

No treatment

19. Are all facilities listed in #7 (above) individually metered? No. 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, Mark Adkins, 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 *Mark Adkins*
Date 4/10/24

SWORN TO AND SUBSCRIBED before me the 10th day of April 2024

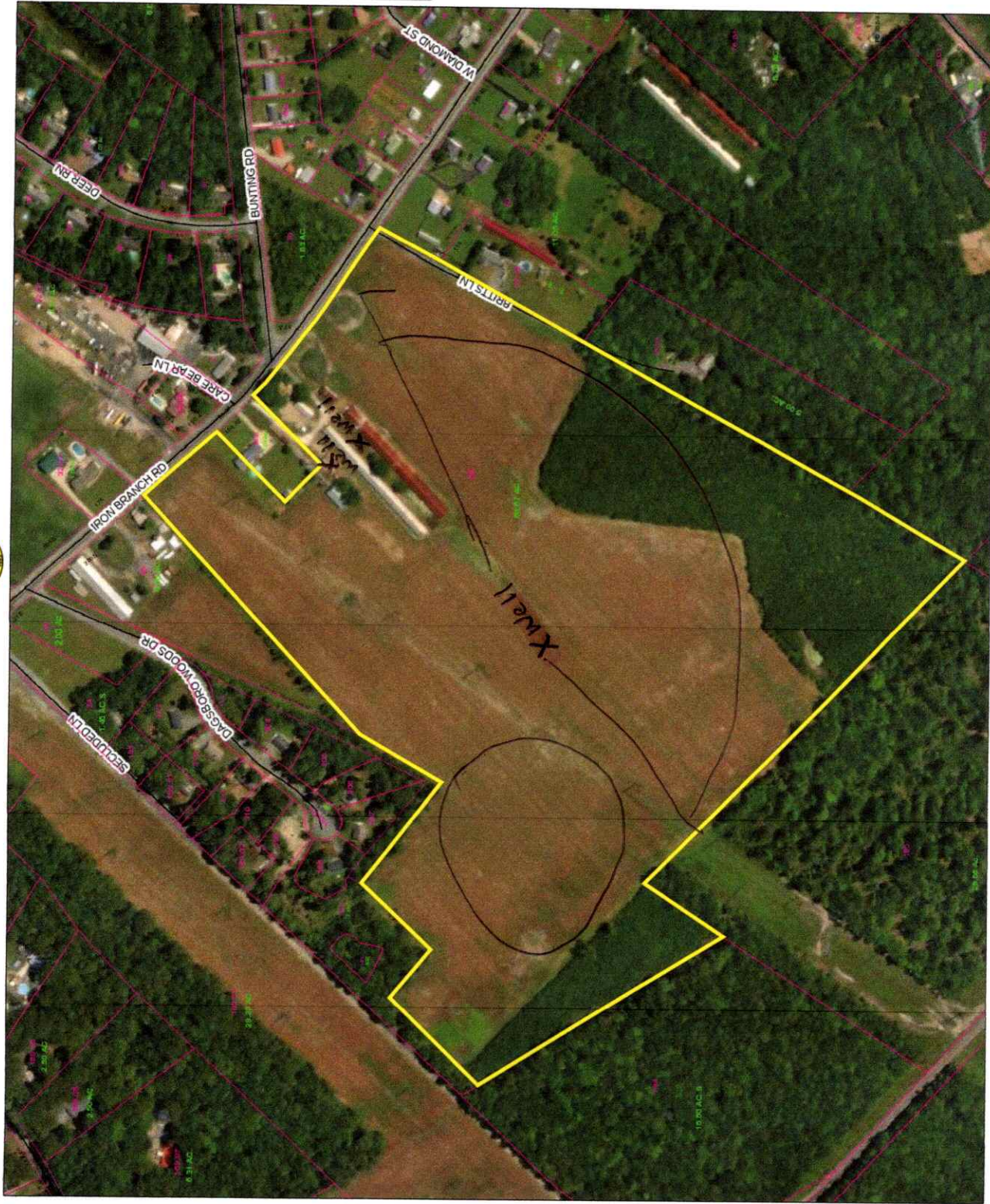


Kelley Lynn Morton
NOTARY PUBLIC

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

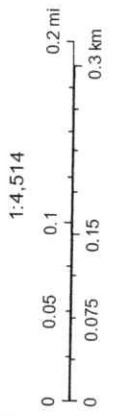


Sussex County



PIN:	233-6.00-38.00
Owner Name	BUNTING SARA C
Book	4915
Mailing Address	28506 CARE BEAR LN
City	DAGSBORO
State	DE
Description	S/RD 331
Description 2	WEST END RD 335
Description 3	FX
Land Code	

- polygonLayer
 - Override 1
- polygonLayer
 - Override 1
- Tax Parcels
- Streets
- County Boundaries



House and Chicken House are no longer occupied.