

**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

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 Alan Garey  
 Address 3939 Hopkins Cemetery Rd.  
 City Felton State DE Zip 19943 Telephone # 302-242-4038  
 Email Address garey farms too@aol.com

2. Project Name Paradise Alley  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Telephone # \_\_\_\_\_

3. Date of Application \_\_\_\_\_

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)

**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 1/2" per week

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

2 x per week

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

24 hrs per day

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

14 weeks

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

4 weeks

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

4 weeks @ 1 in per week

14. Requested rates (Million Gals): 360,000 Day 10.8 Month 22 Year

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

15. For irrigation projects only: Total tillable acreage: 62 Irrigated acreage: 62

16. What is the estimated consumptive use, as a percentage of the total withdrawal? 95%

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? yes. 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, \_\_\_\_\_, 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 Alan Garry  
Date 30-9-2024

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

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

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



**Common Land Unit**  Tract Boundary

- Non-Cropland
- Cropland

**Wetland Determination Identifiers**

- Restricted Use
- Limited Restrictions
- Exempt from Conservation
- Compliance Provisions

*Paradise Alley*

Tract Cropland Total: 62.69 acres

2021 Program Year  
 Map Created September 25, 2020

**Farm 2525**  
**Tract 6416**

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