

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

**DELAWARE
DIVISION
OF WATER**

VIOLATIONS ARE SUBJECT TO PENALTY PROVIDED BY 7 DEL. C. CHAPT

MAIL TO:

ALLOCATIONS - WATER SUPPLY BRANCH
DIV. WATER RESOURCES - DNREC
89 KINGS HIGHWAY
DOVER, DE 19901
FOR INFORMATION: (302) 739-4793

" 89-0002 AM3 "

OFFICIAL USE ONLY:

DATE 02/25/2019 MON TIME 12:47

DNREC ALLOCATION NO. _____
DRBC DOCKET NO. D- _____
APPLICATION FEE VALIDATED
RECEIVED BY _____

ADVERTISING	\$100.00
WATER ALLOCATION	\$375.00
VOID	-----
WATER ALLOCATION	-375.00
TOTAL	\$100.00
CHECK	\$100.00
CLERK 1	000407 00000

PLEASE TYPE OR PRINT AND CAREFULLY FOLLOW THE INSTRUCTIONS

- Owner's Name ALLEN HARIM FOODS, LLC
Address 18752 HARBESON ROAD
City HARBESON State DE Zip 19951 Telephone # (302) 629-9163
- Project Name HARBESON WATER ALLOCATION PERMIT RENEWAL
Address 18752 HARBESON ROAD
City HARBESON State DE Zip 19951 Telephone # (302) 629-9163

**DELAWARE
DIVISION
OF WATER**

- Date of Application FEBRUARY 19, 2019
- Name, address, and telephone # of geologist (or engineer): GARY LASAKO, PG
34 MT PLEASANT AVE, EASTON, MD 21601 443-309-2713

DATE 02/25/2019 MON TIME 12:48

WATER ALLOCATION	\$375.00
TOTAL	\$375.00
CHECK	\$375.00
CLERK 1	000408 00000

- Attach a map (USGS 7 1/2 minute quadrangle only) with accurately and clearly marked locations of and pond intakes). Applications for irrigation systems must also show the acreage served by e must show, where appropriate, the locations of service areas, water tanks, interconnect boundaries. **Attachment 1**

- Purpose (check): Public Industrial Process Industrial Cooling
 Irrigation Commercial Contaminant Recovery Other _____

- Facility information: (attach additional sheet(s) as instructed) **Attachment 2**

A. Facility Local ID	B. Facility Permit No.	C. Maximum Pump Capacity (Gallons Per Minute)	D. Maximum Use (Gallons Per Day)
2	34900	400	403,200
3	48815	40	40,320
4	38010	500	504,000
5	40173	400	403,200
7	211079	1000	1,008,000

- Requested rates(MG): _____ Day 2.3 Month 54 Year 578 **Attachment 2**
Sub-Total _____ System Total (Check One)

- For irrigation projects only: Total tillable acreage: NA Irrigated acreage: NA

RCVD
WAB 5-24-2019

10. What is the estimated consumptive use, as a percentage of the total withdrawal?

The estimated consumptive use is 2%.

11. 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).

12. Discuss the feasibility of interconnecting with other systems. (not applicable to irrigation projects).

There are no existing or planned interconnections with other systems at this time.

13. For each well listed in #8 (above), attach copies of Completion Reports and pumping test reports as specified in the Well Permit. If these reports do not exist, attach all available information about the wells or intakes. **Attachment 3**

14. 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). **Attachment 4**

15. Describe all treatment the withdrawn water will receive prior to use.

Water withdrawn from Wells #2, #4, #5, and #7 for industrial process use is treated with sodium hydroxide and zinc orthophosphate for pH control and corrosion reduction. Water withdrawn from Well #3 is used for wastewater treatment and receives no treatment prior to use.

16. Describe the method of treatment for this project's waste water. If the waste water is discharged to surface waters or lands, attach copies of the latest chemical and bacteriological analyses of the effluent, including temperature (DMRs), and where appropriate the disposal project study. Otherwise, name the treatment facility for this waste water.

Attachment 5

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

18. For public supply projects only: what percent of individual service-connections are metered? NA If not 100%, give a schedule of when it will be 100%. What is the present population? _____ in five years? _____

19. 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.

Attachment 6

20. 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.

Attachment 7

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WAB
5-24-2019.

21. AFFIDAVIT

I, Michael R. Sause 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 Michael R. Sause
Date 2-18-19

SWORN TO AND SUBSCRIBED before me the 18th day of February
A.D., 2019

Brenda J. Miniate
NOTARY PUBLIC

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

If filling by computer, TAB or CLICK to here when done

RCVD.
WAB
5-24-2019.