



RECEIVED

001 4 2019

NON-HAZARDOUS LIQUID WASTE TRANSPORTERS PERMIT APPLICATION

GROUNDWATER

**Groundwater Discharges Section, Division of Water
Delaware Department of Natural Resources and Environmental Control
89 Kings Highway, Dover DE 19901
(302) 739-9948**

1. Permit Number (For renewals only):

2. Company Information

Company Name: **Allen Harim Foods, LLC** Telephone: **302-629-9136**
 Fax: **302-684-1566**

Address (street, city, state and zip code):
29984 Pinnacle Way Millsboro, DE 19666
P.O. Box 1380

Company Email Address & Contact Name:
msause@allenharimllc.com Michael Sause

3. Owner/President Business Information

Name: **Dr. Key Lee, CEO** Business Telephone: **302-629-9136 ext 6091**

Business Address if different from above (street, city, state and zip code):
Same address

4. Vehicle(s) Information (Attach additional sheets if necessary to identify each vehicle used for transport.)

	Vehicle Type (i.e. Tank, trailer, etc.)	Vehicle Make & Model	Vehicle Year	License No. and State of Registration	Capacity (gal)
i.	Truck	FRHT	2005	CL118607 DE	N/A
ii.	Truck	FRHT	2003	CL118608 DE	N/A

*** Please submit a Certificate of Insurance for each vehicle listed demonstrating commercial automobile liability insurance with a combined single limit of at least \$100,000.** *see additional sheets*

5. Please Check Type(s) of Waste Being Transported and Provide the Information Requested in the Indicated Sections for Each Waste Type Checked

	<input type="checkbox"/>	Waste Type	Quantity Collected	Provide the Information in the Following Sections for Each Waste Type Checked
i.	<input type="checkbox"/>	Septage	gal/yr	A
ii.	<input type="checkbox"/>	Holding Tank Waste	gal/yr	A
iii.	<input type="checkbox"/>	Grease Trap Waste and/or Cooking Oil Waste	gal/yr	B
iv.	<input type="checkbox"/>	Portable Toilet Waste	gal/yr	C
v.	<input type="checkbox"/>	Municipal or Industrial Biosolids	# wet tons/yr	D
vi.	<input type="checkbox"/>	Sludge From Package Treatment Plants	# wet tons/yr	D
vii.	<input checked="" type="checkbox"/>	Other Non-Hazardous Liquid Waste	6,200,000 gal/yr	E

01 10 2019 10:58 12481 PLU WH PERMIT \$450.00

Documents required for all new permit applications *and* renewals:

- Attach an Operation Plan detailing the following:
 - a spill reporting and clean-up plan,
 - plans for cleaning vehicles,
 - recordkeeping procedures and
 - days and hours of operation.

- Attach a list of all disposal facilities to be used. Include a copy of the permit/authorization letter from each disposal facility stating the company is currently authorized to discharge the requested waste stream (i.e. septage, holding tank waste, portable toilet waste, etc.) to the facility. Authorization documentation is required for both new and renewal applications.

7 DelC §6023(d): No person shall haul, convey or transport any liquid waste in any container without a license issued by the Department.

Section A. Septage & Holding Tanks

1. Attach a list of all Class F Licensees currently working for the company.
If there are no Class F Licensees currently working for the company, please note according to Section 4.1.6 of the State of Delaware Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal Systems, all individuals who will be responsible for removal, transportation or disposal of the solid and liquid contents of septic tanks, cesspools, grease traps, seepage pits, holding tanks, portable toilets or other wastewater treatment or disposal facilities must obtain a Class F license before pumping. In order for an individual to obtain a Class F license.

For a Class F License application, please contact Dawn Dryden at 302-739-9948.

2. Part III B, Section 500 of the Guidance and Regulations Governing the Land Treatment of Wastes directs, as a requirement for keeping a permit issued under these Regulations, the permittee to file a bond or other security in the amount of Five Thousand Dollars (\$5,000) with the Department. The bond is to be payable to the Department and the obligation of the bond shall be conditioned upon the fulfillment of all requirements related to the permit. **If this application is for permit renewal, please submit a copy of the current Transporters Bond certification.**

3. Applicants for a renewal permit must be in compliance with the Pump Reporting requirements in accordance with the State of Delaware Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal Systems ('On-Site Regulations'): §4.12.6.7.1: *The Class F license shall submit quarterly reports documenting the location, the 911 mailing address and amount of septage removed in total gallons.*

Section B. Grease Trap Waste and/or Cooking Oil Waste

1. Attach a list of all disposal facilities to be used.

2. Attach an Operation Plan.

Section C. Portable Toilets

1. Attach a list of all Class F Licensees currently working for the company.
If there are no Class F Licensees currently working for the company, please note according to Section 4.1.6 of the State of Delaware Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal Systems, all individuals who will be responsible for removal, transportation or disposal of the solid and liquid contents of septic tanks, cesspools, grease traps, seepage pits, holding tanks, portable toilets or other wastewater treatment or disposal facilities must obtain a Class F license before pumping.

For a Class F License application, please contact Dawn Dryden at 302-739-9948.

2. Quantity of portable toilets you own.

Section D. Municipal and Industrial Biosolids & Sludge From Package Treatment Plants

1. Identify all Facilities the company will service by attaching a table listing the following:

Facility Name of Sludge Generator | Estimated Volume of Sludge to be Transported | Disposal Facility*

* If sludge is to be land applied, include the current Agricultural Utilization Permit Number for that facility.

2. Provide transportation routes from all generating facilities to all applicable disposal facilities.

3. Indicate any treatment the sludge has undergone before transportation (for example anaerobic digestion, aerobic digestion, lime stabilization, composting, or dewatering).

4. Provide results of a laboratory analysis of a representative sample of the sludge which was obtained not more than 6 months before submission of the application unless these results would be submitted as a part of the land application program. The analysis shall include, as a minimum, percent solids, pH, and the dry weight concentration of total nitrogen, ammonium, nitrate, total phosphorous, total potassium, cadmium, copper, mercury, nickel, lead, zinc, arsenic, selenium, and molybdenum.

5. Part III B, Section 500 of the Guidance and Regulations Governing the Land Treatment of Wastes directs, as a requirement for keeping a permit issued under these Regulations, the permittee to file a bond or other security in the amount of Five Thousand Dollars (\$5,000) with the Department. The bond is to be payable to the Department and the obligation of the bond shall be conditioned upon the fulfillment of all requirements related to the permit. **If this application is for permit renewal, please submit a copy of the current Transporters Bond certification.**

Section E. Other Non-Hazardous Liquid Wastes

1. Describe the source, nature and make-up of the non-hazardous liquid waste to be transported. *see attached*

2. Will any of the wastes contain petroleum products (i.e. oil, gas, grease, etc.)? Yes No

* Transportation of liquid wastes containing any petroleum products will require a permit from the Division of Waste & Hazardous Substances (302-739-9400).

6. Permit Fee

This application will not be considered complete and cannot be processed unless accompanied by a fee in the amount of Four Hundred Fifty Dollars (\$450.00), payable to the State of Delaware, which is required for all new applicants. Pursuant to House Bill No. 360, June 25, 1991, Permittees are subsequently required to pay an annual permit fee of Four Hundred Fifty Dollars (\$450.00), payable to the State of Delaware. **If this application is for permit renewal, please do not submit the Four Hundred Fifty Dollar (\$450.00) fee with this application.** Annual permit renewal billing is done separately by our accounting department.

7. Public Notification Fee

Pursuant to 7 Del. C., Chapter 60, §6004, an advertisement shall be placed in a newspaper of general circulation in the county(ies) in which the activity is proposed and in a daily newspaper of general circulation through the State, notifying the public that the application has been received by the Department and offering a brief description of the nature of the proposed activity. In accordance with 7 Del. C., Chapter 60, §6004, the cost of such advertisement shall be borne by the applicant. This application will not be considered complete and cannot be processed unless accompanied by an advertising fee in the amount of **\$210.00**, payable to the State of Delaware.

8. Certification

I certify that all information submitted as part of this application is true and correct to the best of my knowledge and belief.

Signature of Applicant:

Michael R. Sausé

Date:

10-4-2019

Printed Name of Applicant:

Michael R. Sausé

Title of Applicant:

Environmental Manager

This application must be signed by an official owner, operator or authorized representatives of your operation such as an operations manager, superintendent or person of equal responsibility.

ALLEN HARIM FOOD, LLC

DAGSBORO HATCHERY 2

SECTION 4 – VEHICLE INFORMATION cont.



Allen Harim Foods, LLC
Dagsboro Hatchery 2
26887 Nine Foot Road
Dagsboro, DE 19939
Phone (302) 732-9511

Section 4 **Vehicle Information continued.**

Vehicle Type	Vehicle Make & Model	Vehicle Year	License No. State of Reg.	Capacity (gal.)
Tanker	Brenner Tanker	1998	227229C Maine	6,000 gallons

ALLEN HARIM FOODS, LLC

DAGSBORO HATCHERY 2

CERTIFICATES OF INSURANCE

STATE OF DELAWARE APPORTIONED CAB CARDS



ALLEHAR-03

XRLAPETERSON

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/23/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER...

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed...

PRODUCER: AssuredPartners of SC, LLC - Columbia; CONTACT NAME: Amanda Peterson; INSURER(S): Wesco Insurance Company, Zurich American Insurance Co; INSURED: Allen Harim Foods, LLC

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED...

Table with columns: INSR LTR, TYPE OF INSURANCE, ADDL SUBR, POLICY NUMBER, POLICY EFF, POLICY EXP, LIMITS. Rows include Commercial General Liability, Vendors Liability, Automobile Liability, Umbrella Liab, Workers Compensation, and Auto Physical Damage.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Hale Trailer Brake & Wheel, Inc is listed as an additional insured; UNIT YEAR MAKE/MODEL SERIAL NUMBER VALUE

SEE ATTACHED ACORD 101

CERTIFICATE HOLDER CANCELLATION

Form with signature of authorized representative; SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF...



ADDITIONAL REMARKS SCHEDULE

AGENCY AssuredPartners of SC, LLC - Columbia		NAMED INSURED Allen Harim Foods, LLC 29984 Pinnacle Way P.O. Box 1380 Millsboro, DE 19966	
POLICY NUMBER SEE PAGE 1		EFFECTIVE DATE: SEE PAGE 1	
CARRIER SEE PAGE 1	NAIC CODE SEE P 1		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
 FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

Description of Operations/Locations/Vehicles:

Hale Trailer Brake & Wheel, Inc listed as is Additional Insured with respect to Auto Liability and Loss Payee with respect to Auto Physical Damage for leased and rented vehicles.
 30 day notice of cancellation, 10 day notice of non payment is given

AUTO PHYSICAL DAMAGE COVERAGE:

Comprehensive and collision coverage applies to all owned, leased or rented autos with a cost new of \$25,000 or more for the following (Trailers are included in the definition of owned, leased or rented vehicles):

- Private passenger "autos" subject to a \$5,000 deductible
- "Autos" other than private passenger "autos" with a gross vehicle weight less than or equal to 20,000 pounds subject to a \$10,000 deductible
- "Autos" other than private passenger "autos" with a gross vehicle weight greater than 20,000 pounds subject to a \$20,000 deductible



State of Delaware Apportioned Cab Card

Keep this certificate in your vehicle

The vehicle described herein has been proportionally registered between The State of Delaware and the Jurisdictions below

Expiration Date: 03/31/2020 Plate Number: CL118608 VIN: 1FUJA6CV93LL73559

Table with columns: Account #, Fleet, Supplement, Reg Date, Color/Color, Unit #, Fuel, Year, Make. Values: 5276, 1, 1, 08/06/2019, BLU/, 3028, D, 2003, FRHT

Table with columns: Unladen Weight, Manufacturer's Gross Vehicle Weight Rating, Power Unit Gross Vehicle Weight, Combined Gross Gross Vehicle Weight, TYPE, AXLES. Values: 16,000, 52,000, 52,000, 80,000, TT, 3

ALLEN HARIM FOODS LLC

Table with columns: Registrant, Carrier Responsible for Safety, CRFS USDOT. Registrant: ALLEN HARIM FOODS LLC, 29984 PINNACLE WAY, MILLSBORO, DE 19966. Carrier: ALLEN HARIM FOODS LLC, 29984 PINNACLE WAY, MILLSBORO, DE 19966. CRFS USDOT: 2184266

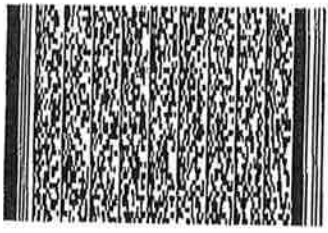
Table listing state abbreviations and codes: AB 36287k, AL 80000, AR 80000, AZ 80000, BC 36287k, CA 80000, CO 80000, CT 80000, DC 80000, DE 80000, FL 80000, GA 80000, IA 80000, ID 80000, IL 80000, IN 80000, KS 80000, KY 80000, LA 80000, MA 80000, MB 36287k, MD 80000, ME 80000, MI 80000, MN 80000, MO 80000, MS 80000, MT 80000, NB 36287k, NC 80000, ND 80000, NE 80000, NH 80000, NJ 80000, NL 36287k, NM 80000, NS 36287k, NV 80000, NY 80000, OH 80000, OK 80000, ON 36287k, OR 80000, PA 80000, PE 36287k, QC 5 AXLE, RI 80000, SC 80000, SD 80000, SK 36287k, TN 80000, TX 80000, UT 80000, VA 80000, VT 80000, WA 80000, WI 80000, WV 80000, WY 80000. Includes asterisks for certain states.

- 1. This is neither a driver's license nor a certificate of title to a motor vehicle
2. Always keep this registration card with the vehicle it describes
3. Your insurance ID card must be with the vehicle when it is being operated
4. A new owner may not drive under this registration

Owners Signature: [Handwritten Signature] BY: [Handwritten Signature]

****WARNING****

IRP registration is NOT transferable to a new owner. Please contact our office at 302-744-2702 if you have any questions.



M31 EXPIRES
AR 20
CL118608



State of Delaware Apportioned Cab Card

Keep this certificate in your vehicle

The vehicle described herein has been proportionally registered between The State of Delaware and the Jurisdictions below

Expiration Date: 03/31/2020 Plate Number: CL118607 VIN: 1FUJA6CG45LU22882

Table with 9 columns: Account #, Fleet, Supplement, Reg Date, Color/Color, Unit #, Fuel, Year, Make. Values: 5276, 1, 1, 08/06/2019, BLU/, 3023, D, 2005, FRHT

Table with 7 columns: Unladen Weight, Manufacturer's Gross Vehicle Weight Rating, Power Unit Gross Vehicle Weight, Combined Gross Vehicle Weight, TYPE, AXLES. Values: 16,000, 50,000, 50,000, 80,000, TT, 3

ALLEN HARIM FOODS LLC

Table with 3 columns: Registrant, Carrier Responsible for Safety, CRFS USDOT. Registrant: ALLEN HARIM FOODS LLC, 29984 PINNACLE WAY, MILLSBORO, DE 19966. Carrier: ALLEN HARIM FOODS LLC, 29984 PINNACLE WAY, MILLSBORO, DE 19966. CRFS USDOT: 2184266

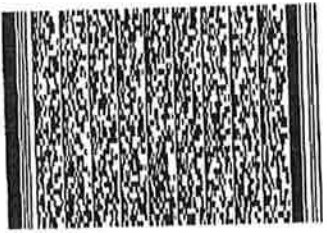
Table listing state abbreviations and codes: AB 36287k, AL 80000, AR 80000, AZ 80000, BC 36287k, CA 80000, CO 80000, CT 80000, DC 80000, DE 80000, FL 80000, GA 80000, IA 80000, ID 80000, IL 80000, IN 80000, KS 80000, KY 80000, LA 80000, MA 80000, MB 36287k, MD 80000, ME 80000, MI 80000, MN 80000, MO 80000, MS 80000, MT 80000, NB 36287k, NC 80000, ND 80000, NE 80000, NH 80000, NJ 80000, NL 36287k, NM 80000, NS 36287k, NV 80000, NY 80000, OH 80000, OK 80000, ON 36287k, OR 80000, PA 80000, PE 36287k, QC 5 AXLE, RI 80000, SC 80000, SD 80000, SK 36287k, TN 80000, TX 80000, UT 80000, VA 80000, VT 80000, WA 80000, WI 80000, WV 80000, WY 80000, ** ****

- 1. This is neither a driver's license nor a certificate of title to a motor vehicle
2. Always keep this registration card with the vehicle it describes
3. Your insurance ID card must be with the vehicle when it is being operated
4. A new owner may not drive under this registration

Owners Signature Allen Harim Foods LLC BY James P. Lull

****WARNING****

IRP registration is NOT transferable to a new owner. Please contact our office at 302-744-2702 if you have any questions.



M31 EXPIRES
AR 20
CL118607

ALLEN HARIM FOODS, LLC

DAGSBORO HATCHERY 2

ALLEN HARIM OPERATIONS PLAN

EXAMPLE OF MANIFEST

SPCC PLAN – COVER

ALLEN HARIM HARBESON TRUCK WASH



Allen Harim Foods, LLC
Dagsboro Hatchery 2
26887 Nine Foot Road
Dagsboro, DE 19939
Phone (302) 732-9511

ALLEN HARIM OPERATIONS PLAN

1. Spill Reporting and Clean-up Plan

The Dagsboro Hatchery wash down water will be hauled to the Allen Harim Harbeson WWTP in accordance with the Spray Irrigation Permit for the Hatchery. Allen Harim has SPCC "Spill Prevention Controls and Countermeasures" plans on site at the Harbeson Processing Facility and the Dagsboro Hatchery (see attached photo). These written plans which have been reviewed and approved by DNREC. Each plan has a written procedure for Spill Reporting and Clean-up. Each facility has Spill Kits ready for use in the event of a spill. If the spill is large or off site of the Harbeson and/or Dagsboro facilities; Allen Harim uses Chesapeake Environmental, LLC for emergency response to clean up these spills.

2. Plans for Cleaning Vehicles

The Allen Harim Harbeson Processing Plant has a designated Truck Wash Bay (see attached photo). All water used for truck washing is discharged to the Harbeson WWTP. No trucks are washed outside of the Truck Wash Bay. The trucks and tanker associated with the hauling from Dagsboro to Harbeson will be washed in the Truck Wash Bay. Trucks and Tankers will be washed on a regular basis or as need basis.

3. Recordkeeping Procedures

Allen Harim will track every load hauled with a manifest. The manifest will include the tare and net weights of each Truck and Tanker. The manifest will include; date, time, generator name, generator address, description of waste stream, Truck and Trailer weights, Driver name, Truck number, Tank number, disposal date, disposal time and destination for disposal. See attached example Manifest. A spread sheet will also be kept that will show daily loads. A new sheet will be started at the beginning of the month.

4. Days and Hours of Operation

The Dagsboro Hatchery operates 24 hours per day, 7 days per week. Wednesday is the only down day when water usage is minimal. Allen Harim will haul the hatchery water on an as need basis. The goal is to maintain a two foot freeboard in the lagoon where the water is loaded into the truck.



Allen Harim Foods, LLC
Dagsboro Hatchery 2
26887 Nine Foot Road
Dagsboro, DE 19939
Phone (302) 732-9511

MANIFEST

DATE LOADED: _____ TIME: _____

Generator Name: Allen Harim Dagsboro Hatchery 2

Facility Location: 26887 Nine Foot Road
Dagsboro, DE 19939

Waste Description: Hatchery Wash Down Water

Truck and Tanker Weights

Gross _____
Tare _____
Net _____
Gallons _____

Driver Name: _____ Truck Number _____ Tank Number _____

Disposal Date: _____ Disposal Time: _____

Destination of Load or Site Name: Allen Harim Harbeson WWTP



**SPILL PREVENTION, CONTROL and COUNTERMEASURE PLAN
(SPCC)**

**ALLEN HARIM FOODS, LLC.
18752 HARBESON ROAD
HARBESON, DE 19951
302.684.1640**

Original: December 4, 2011

Revision: June 1, 2016

Prepared By: RainWise Environmental Solutions, LLC

8 East Darby Circle Dover, DE 19904

Next Update Due: June 1, 2021



ALLEN HARIM FOODS, LLC

DAGSBORO HATCHERY 2

ALLEN HARIM HARBESON WWTP

SECTION E. OTHER NON-HAZARDOUS LIQUID WASTES



Allen Harim Foods, LLC
Dagsboro Hatchery 2
26887 Nine Foot Road
Dagsboro, DE 19939
Phone (302) 732-9511

SECTION E.

1. Describe the source, nature and make-up of the non-hazardous liquid waste to be transported.

The Allen Harim Dagsboro Hatchery 2 incubates chicken eggs and hatches baby chicks to be transported to the Farms for 6 to 7 weeks of growth. The Hatchery is washed down daily using cleaning chemicals that have all been approved by the Environmental, Safety and QA Departments. This wash down water is non-hazardous. Allen Harim samples the Dagsboro wash down water once per week (see attached analytical). The wash down water is discharged to an on-site 150,000 gallon lagoon.

ALLEN HARIM FOODS, LLC

DAGSBORO HATCHERY 2

ALLEN HARIM HARBESON WWTP

AUTHORIZATION LETTER TO DISCHARGE

SPRAY IRRIGATION PERMIT DEN 358994-04 PAGE 5 of 22

SPRAY IRRIGATION PERMIT DEN 358994-04 PAGE 22 of 22



Allen Harim Foods, LLC
Dagsboro Hatchery 2
26887 Nine Foot Road
Dagsboro, DE 19939
Phone (302) 732-9511

October 4, 2019

To Whom It May Concern:

Allen Harim Harbeson WWTP is the current disposal site for the Dagsboro Hatchery 2 brine water and Hatchery wash down water. Disposal of the hatchery wash down water at the Harbeson WWTP is allowed as stated in the Spray Irrigation Permit DEN Number 358994-04 (Page 5 of 22 – see attached). Disposal of hatchery brine water is also allowed under the same permit (Page 22 of 22 – see attached).

Allen Harim Foods, LLC will continue with disposal of wash down and brine water at the Harbeson WWTP in accordance with past practice and permit conditions. As Direct Responsible Charge (DRC) Operator, on behalf of Allen Harim, I am authorizing the disposal of these wastes at the Allen Harim Harbeson WWTP.

If there should be any questions, please do not hesitate to contact me.

Respectfully submitted,
ALLEN HARIM FOODS, LLC

Michael R. Sausé
Environmental Manager
Direct Responsible Charge Operator
Allen Harim Harbeson WWTP

C. INFLUENT LIMITATIONS

1. N/A

D. SPRAYED EFFLUENT LIMITATIONS

During the period beginning on the effective date and lasting through the expiration date of this permit, the Permittee is authorized to discharge to the spray irrigation field(s) identified on page 1 and depicted on page 3 of this permit the quantity and quality of effluent specified below and in accordance with the design documents listed in Part I.A of this permit:

1. Design Disposal Capacity: The average monthly quantity of effluent discharged from the processing plant to the spray fields shall not exceed 15,000 gallons per day (gpd) in any calendar month.
2. Spray irrigation is prohibited annually from December 1 through February 28. During these months, wastewater generated at the hatchery may only be disposed of at the Allen Harim Farms' wastewater treatment facility at Harbeson Sussex County, Delaware, in accordance with State of Delaware, Non-Hazardous Liquid Transporters Permit OH-503.
3. In the event that groundwater is within twenty-four inches of the soil surface, spray irrigation is prohibited. The permittee shall monitor the depth to water in the monitoring and observation wells listed in Part I.H.4 prior to irrigation each day that spray irrigation is to occur. If the piezometer readings show the groundwater table to be within twenty-four inches of the soil surface, spray irrigation is prohibited and the wastewater shall then be transported to the Allen Harim Farms' wastewater treatment plant in Harbeson, Delaware.
4. The average weekly quantity of effluent discharged to any portion of the spray irrigation field shall not exceed 1.0 inch per acre averaged over a 7 day rolling period.
5. The quantity of effluent discharged to any portion of the spray irrigation field shall not exceed 0.25 inch/acre/hour.
6. There shall be a minimum rest period of twenty-four (24) hours between applications on each section of the spray field.
7. The pH of the effluent shall not be less than 5.5 standard units nor greater than 9.0 standard units.
8. The Chloride concentration of the effluent shall not exceed 250 mg/L on an average annual basis.
9. The Sodium concentration of the effluent shall not exceed 210 mg/L on an average annual basis.
10. The total amount of nitrogen that may be applied to each spray field acre shall not exceed 260 lbs/year. This amount includes supplemental fertilizers, the nitrogen supplied from the effluent, and any other source. The limitation of total nitrogen that can be applied to each acre may be adjusted by the Ground Water Discharges Section if it can be shown through subsequent analysis of the crop removed that the total nitrogen removed with the crop is equal to the amount applied from the effluent and additional fertilizer applications. Supplemental additions of commercial fertilizers shall be limited to amounts necessary to meet crop needs in accordance with the written recommendations of the University of Delaware Cooperative Extension Service, or a Delaware Certified Crop Advisor, for the specified crop and anticipated yield.
11. The discharge to the spray irrigation fields shall be free from material such as floating solids, sludge deposits, debris, scum, oil and grease in quantities that would be deleterious to the proper operation and maintenance of the spray fields.

14. In the event that the Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal Systems or applicable federal regulations are revised, this permit may be opened and modified accordingly after notice and opportunity for a public hearing.
15. This permit supersedes all previous spray irrigation permits issued to the Permittee.

B. FACILITY SPECIFIC CONDITIONS

1. There shall be a classification performed on the permitted facility in accordance with Regulations Licensing Operators of Wastewater Facilities. The required operator's classification level will be determined by a classification on the facility. The facility must be under the direction of a licensed operator in Direct Responsible Charge for the facility who is available at all times. A licensed operator, operating under the direction of the licensed operator in Direct Responsible Charge for the facility, must be available when the spray irrigation system is in operation.
2. Brine water from the reverse osmosis water treatment system may not be discharged to the spray irrigation fields. Brine water may only be transported to the Harbeson facility for final disposal.



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Farms, LLC - Dagsboro

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 276739	Matrix: Waste Water	Sample Start: 5/16/19 10:50
Description:	Site: Dagsboro - New	SampleEnd:
Type: Grab		Date Received: 5/17/19 10:07

Parameter	Unit	Result	Method	QA	Remarks
-----------	------	--------	--------	----	---------

Miscellaneous/Other

SHIP	Completed	6/14/19 14:38	PA	None
------	-----------	---------------	----	------

ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



Pace Analytical Services, LLC
2829 Reach Road
Williamsport, PA 17701
(570)326-4001

June 14, 2019

Shelly Bloom
Envirocorp Labs, Inc.
51 Clark Street
Harrington, DE 19952

RE: Project: 276739 - Allen Dagsboro
Pace Project No.: 30295424

Dear Shelly Bloom:

Enclosed are the analytical results for sample(s) received by the laboratory on May 21, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

The samples were subcontracted to Dr. Clifford Lange, Auburn University, 1251 Ingleside Drive, Auburn AL, 36830 for QAC analysis. The results of this analysis are reported on the data tables attached.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Samantha Merrill
samantha.merrill@pacelabs.com
(570)326-4001
Project Manager

Enclosures

cc: Erin Bichy, Envirocorp Labs

Ashley Burns, Envirocorp Labs



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



Pace Analytical Services, LLC
2829 Reach Road
Williamsport, PA 17701
(570)328-4001

June 14, 2019
Page 2

cc: Rachael Needam, Envirocorp Labs



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



Pace Analytical Services, LLC
2829 Reach Road
Williamsport, PA 17701
(670)328-4001

SAMPLE SUMMARY

Project: 276739 - Allen Dagsboro
Pace Project No.: 30295424

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30295424001	276739 - Dagsboro New	Water	05/16/19 10:50	05/21/19 11:00

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company: Envirocorp Labs, Inc.
Address: 51 Clark Street

Billing Information: Same

Email To: Shelly Bloom
shelly@envirocorp.com, ashley@envirocorp.com

Site Collection Info/Address:

State: County/City: Time Zone Collected:

Site/Facility ID #: Compliance Monitoring?

Purchase Order #: DW PWS ID #:

Quote #: DW Location Code:

Turnaround Date Required: Immediately Packed on Ice:

Rush: [X] Yes [] No

[] Same Day [] Next Day

[] 2 Day [] 3 Day [] 4 Day [] 5 Day

[] Archive: (Expedite Charges Apply)

Hold: Analysis:

Matrix Codes (insert in Matrix box below): Drinking Water (DW), Wastewater (WW),

Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Biossary (B), Vapor (V), Other (OT)

Customer Sample ID Matrix* Comp / Grab Collected (or Composite Start) Date Time Composite End Date Time Res Cons # of Cons

276739- Dagsboro New WW Grab 5/16/19 10:50 1 1

Customer Remarks / Special Conditions / Possible Hazards: 8

East Tower Circle, Ormond Beach, FL, 32174

Type of Ice Used: Wet Blue Dry None

Packing Material Used: Ice

Radchem sample(s) screened (<500 cpm): Y N NA

Received by/Company: (Signature) Date/Time: 5/20/19

Received by/Company: (Signature) Date/Time: 5/21/19

Received by/Company: (Signature) Date/Time: 5/21/19

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Received by/Company: (Signature) Date/Time: 5/21/19

LAB USE ONLY - Affix W/



WO#: 30295424

ALL SH/ Container Preservation

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Table with columns for Lab Profile/Line#, Lab Sample Receipt Checklist, and various analysis results (Y/N/NA).

LAB USE ONLY: Lab Sample # / Comments:

Free Quaternary Amnes (QAC)

LAB Sample Temperature Info: Temp Blank Received: 6 NA

Temp ID#: Cooler 1 Temp Upon Receipt: 65 OC

Cooler 1 Therm Corr. Factor: 0 OC

Cooler 1 Corrected Temp: 65 OC

Comments:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Performance(s): YES NO

Page: of:

WO# : 30295424

PM: SLM Due Date: 06/03/19
CLIENT: WP-ENVIROCOR



Sample Receiving Non-Conformance Form (NCF)

Date: 5/2/19	Evaluated by: REA
Client: Envirocorp	

Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-In Number Here

1. If Chain-of-Custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

2. If COC is incomplete, check applicable issues below and add details where appropriate:

Collection date/time missing or incorrect	Analyses or analytes: missing or clarification needed	<input type="checkbox"/> Samples listed on COC do not match samples received (missing, additional, etc.)
Sample IDs on COC do not match sample labels	Required trip blanks were not received	<input checked="" type="checkbox"/> Required signatures are missing

Comments/Details/Other issues not listed above:

3. Sample Integrity Issues: check applicable issues below and add details where appropriate:

Samples: Past holding time	Samples: Condition needs to be brought to lab personnel's attention (details below)	Preservation: Improper
Samples: Not field filtered	Containers: Broken or compromised	Temperature: not within acceptance criteria (typically 0-6C)
Samples: Insufficient volume received	Containers: Incorrect	Temperature: Samples arrived frozen
Samples: Cooler damaged or compromised	Custody Seals: Missing or compromised on samples, trip blanks or coolers	Vials received with improper headspace
Samples: contain chlorine or sulfides	Packing Material: Insufficient/Improper	Other:

Comments/Details:

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client:	Contacted per:
PM Initials:	Date/Time:

Client Comments/Instructions:

The Non-Ionic Surfactants & Quaternary Amines associated with this work order are not NELAP accredited compounds and they are not listed on our subcontractor's Scope of Accreditation. These non-accredited analysis were however performed in accordance with the subcontractor's laboratory's Quality System requirements.

Pace Analytical Services LLC workorder 30295424

	30295424-001 total	30295424-001 free	30295424-001 5 ppm standard	May 16, 2019	
Total QACs, mg/g	2.7	0.4			Total QACs, mg/L
Octyl-benzyl-dimethylammonium chloride (8-C)	0	0			5.0 Octyl-benzyl-dimethylammonium chloride (8-C)
Decyl-benzyl-dimethylammonium chloride (10-C)	0.4	0			5.3 Decyl-benzyl-dimethylammonium chloride (10-C)
Dodecyl-benzyl-dimethylammonium chloride (12-C)	0.6	0.1			5.2 Dodecyl-benzyl-dimethylammonium chloride (12-C)
Tetradecyl-benzyl-dimethylammonium chloride (14-C)	0.8	0.2			5.1 Tetradecyl-benzyl-dimethylammonium chloride (14-C)
Hexadecyl-benzyl-dimethylammonium chloride (16-C)	0.3	0.1			4.9 Hexadecyl-benzyl-dimethylammonium chloride (16-C)
Octyl-dimethyl ammonium salt (8-C)	0	0			4.8 Octyl-dimethyl ammonium salt (8-C)
Decyl-dimethyl ammonium salt (10-C)	0	0			5.1 Decyl-dimethyl ammonium salt (10-C)
Dodecyl-dimethyl ammonium salt (12-C)	0.1	0			5.0 Dodecyl-dimethyl ammonium salt (12-C)
Tetradecyl-dimethyl ammonium salt (14-C)	0.2	0			5.0 Tetradecyl-dimethyl ammonium salt (14-C)
Hexadecyl-dimethyl ammonium salt (16-C)	0.1	0			5.2 Hexadecyl-dimethyl ammonium salt (16-C)
Octadecyl dimethyl ammonium salt (18-C)	0	0			5.1 Octadecyl dimethyl ammonium salt (18-C)
Cetyl-dimethylammonium bromide	0	0			5.2 Cetyl-dimethylammonium bromide
Cetyl Pyridinium chloride	0.2	0			4.9 Cetyl Pyridinium chloride
Non Ionic Surfactants, mg/gram	3.8	0.6			Non Ionic Surfactants
Polyoxyethylene stearate	0	0			5.0 Polyoxyethylene stearate
Polyoxyethylene propylene glycol	0	0			4.9 Polyoxyethylene propylene glycol
lauryl alcohol ethoxylates	0.5	0.1			5.2 lauryl alcohol ethoxylates
Palmitic acid ethoxylate	0.7	0.1			5.0 Palmitic acid ethoxylate
Stearic acid ethoxylate	0.9	0.2			5.1 Stearic acid ethoxylate
Myristic acid ethoxylate	0.6	0.1			5.0 Myristic acid ethoxylate
Oleic acid ethoxylate	0.3	0			4.9 Oleic acid ethoxylate
nonyl phenol ethoxylate	0	0			5.1 nonyl phenol ethoxylate
Octyl phenol ethoxylate	0	0			5.2 Octyl phenol ethoxylate
polyoxyethylene mono-N-dodecyl-ether	0.8	0.1			5.1 polyoxyethylene mono-N-dodecyl-ether
polyoxyethylenesorbitan monooleate	0	0			4.8 polyoxyethylenesorbitan monooleate
Lauryl polyethylene glycol ethoxylate	0	0			5.2 Lauryl polyethylene glycol ethoxylate
cetyl alcohol	0	0			5.1 cetyl alcohol
cocamide diethanol amine	0	0			4.8 cocamide diethanol amine
polyglyceryl-2-dipolyhydroxystearate	0	0			5.3 polyglyceryl-2-dipolyhydroxystearate



Client Name Allen Harim Foods - Dagsboro
Contact Michael Sause
Address 18752 Harbeson Rd.
PO Box 277
Harbeson, DE 19951
Phone 302-684-1640 Ext 184
Cell 302-359-1975
Email michael.sause@allenfamilyfoods.com

Containers Received: (circle)
Type: AG
Quant: 1L
Temperature Upon Receipt: 4.8 °C

Analyses/Method Requested
Quaternary Ammonia

Administrators Notes

Lab I.D	Sample Description/Location	Sample Date	Time	Matrix	Chlorine	Please check appropriate box for each test requested
270739	Dagsboro - New	5/16/19	1050	WW	X	

Q=Quart (Unpreserved), M=Metals (HNO₃), N/P=Nutrients (H₂SO₄), Bacti=P/A Colliant® (Sodium Thiosulfate)

Sampled by Bob Lynch Date 5/16/19 Time 1050 Received by ML Date 5-17-19 Time 10:09
Relinquished by Bob Lynch Date 5/17/19 Time 10:07 Received by Cuburns Date 5-17-19 Time 1150

