

July 17, 2024

Kentucky Department of Environmental Protection
Permit Review Branch
Kentucky Division for Air Quality
300 Sower Boulevard, Second Floor
Frankfort, Kentucky 40601

via: Kentucky EEC eForms

**Re: Bluegrass Holdco, Inc.
Springfield, Kentucky
Agency Interest No. 11649
Source ID No. 21-229-0009
Conditional Major Permit No. F-19-029 R1
Air Permit Renewal**

The current air permit for Bluegrass Holdco, Inc. in Springfield, Kentucky will expire on February 8, 2025. The facility requests renewal of the current permit which should extend coverage through 2030. No changes from current permit are requested.

Should you have any questions or require further clarification, please contact me at (270) 670-7282 or email dgulley@bluegrassdairy.com or Jordan Smith of EnSafe, Inc. at (812) 585-9106 or email jsmith@ensafe.com.

Sincerely,



Danny Gulley
Director of Engineering and Maintenance

Attachment: Air Permit Renewal Application

cc: Jordan Smith, EnSafe

Division for Air Quality

300 Sower Boulevard
Frankfort, KY 40601
(502) 564-3999

DEP7007AI

Administrative Information

- ☐ Section AI.1: Source Information
☐ Section AI.2: Applicant Information
☐ Section AI.3: Owner Information
☐ Section AI.4: Type of Application
☐ Section AI.5: Other Required Information
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☐ Section AI.7: Notes, Comments, and Explanations

Additional Documentation

☐ Additional Documentation attached

Source Name: Bluegrass Holdco, Inc.

KY EIS (AFS) #: 21-229-0009

Permit #: F-19-029 R1

Agency Interest (AI) ID: 11649

Date: _____

Section AI.1: Source Information

Physical Location	Street:	<u>606 West Main Street</u>				
Address:	City:	<u>Springfield</u>	County:	<u>Washington</u>	Zip Code:	<u>40069</u>
	Street or	<u>606 West Main Street</u>				
Mailing Address:	P.O. Box:					
	City:	<u>Springfield</u>	State:	<u>Washington</u>	Zip Code:	<u>40069</u>

Standard Coordinates for Source Physical Location

Longitude: 37.689178 (decimal degrees) Latitude: -85.230672 (decimal degrees)

Primary (NAICS) Category: Milk Condensed and Evaporated Primary NAICS #: 311514

Classification (SIC) Category: Dry, Condensed, and Evaporated Dairy Products Primary SIC #: 2023

Briefly discuss the type of business conducted at this site:
Preparation of evaporated dairy products

Description of Area Surrounding Source:	<input type="checkbox"/> Rural Area	<input type="checkbox"/> Industrial Park	<input checked="" type="checkbox"/> Residential Area	Is any part of the source located on federal land?	<input type="checkbox"/> Yes	Number of Employees: <u>46</u>
	<input type="checkbox"/> Urban Area	<input checked="" type="checkbox"/> Industrial Area	<input checked="" type="checkbox"/> Commercial Area		<input checked="" type="checkbox"/> No	

Approximate distance to nearest residence or commercial property: 200 Yards Property Area: 240,000 square feet Is this source portable? ☐ Yes ☒ No

What other environmental permits or registrations does this source currently hold or need to obtain in Kentucky?

NPDES/KPDES: ☒ Currently Hold ☐ Need ☐ N/A

Solid Waste: ☒ Currently Hold ☐ Need ☐ N/A

RCRA: ☐ Currently Hold ☐ Need ☒ N/A

UST: ☐ Currently Hold ☐ Need ☒ N/A

Type of Regulated Waste Activity: ☐ Mixed Waste Generator ☐ Generator ☐ Recycler ☒ Other: Special Waste Permit
☐ U.S. Importer of Hazardous Waste ☐ Transporter ☐ Treatment/Storage/Disposal Facility ☐ N/A

Section AI.2: Applicant Information

Applicant Name: Bluegrass Holdco, Inc.

Title: (if individual) _____

Mailing Address: **Street or P.O. Box:** 606 West Main Street

City: Springfield **State:** KY **Zip Code:** 40069

Email: (if individual) _____

Phone: (270) 651-2146

Technical Contact

Name: Danny Gulley

Title: Director of Engineering and Maintenance

Mailing Address: **Street or P.O. Box:** 606 West Main Street

City: Springfield **State:** KY **Zip Code:** 40069

Email: dgulley@bluegrassingredients.com

Phone: (270) 670-7282

Air Permit Contact for Source

Name: Danny Gulley

Title: Director of Engineering and Maintenance

Mailing Address: **Street or P.O. Box:** 606 West Main Street

City: Springfield **State:** KY **Zip Code:** 40069

Email: dgulley@bluegrassingredients.com

Phone: (270) 670-7282

Section AI.3: Owner Information**X Owner same as applicant****Name:** _____**Title:** _____**Mailing Address:** **Street or P.O. Box:** _____
City: _____ **State:** _____ **Zip Code:** _____**Email:** _____**Phone:** _____**List names of owners and officers of the company who have an interest in the company of 5% or more.****Name****Position****Bluegrass Holdco, Inc.****Owner**

Section AI.4: Type of Application

Current Status: ☐ Title V ☒ Conditional Major ☐ State-Origin ☐ General Permit ☐ Registration ☐ None

☐ Name Change ☐ Initial Registration ☐ Significant Revision ☐ Administrative Permit Amendment

Requested Action: ☒ Renewal Permit ☐ Revised Registration ☐ Minor Revision ☐ Initial Source-wide Operating Permit
(check all that apply)

☐ 502(b)(10) Change ☐ Extension Request ☐ Addition of New Facility ☐ Portable Plant Relocation Notice

☐ Revision ☐ Off Permit Change ☐ Landfill Alternate Compliance Submittal ☐ Modification of Existing Facilities

☐ Ownership Change ☐ Closure

Requested Status: ☐ Title V ☒ Conditional Major ☐ State-Origin ☐ PSD ☐ NSR ☐ Other: _____

Is the source requesting a limitation of potential emissions?☐ Yes ☒ No

Pollutant:	Requested Limit:	Pollutant:	Requested Limit:
<input type="checkbox"/> Particulate Matter	_____	<input type="checkbox"/> Single HAP	_____
<input type="checkbox"/> Volatile Organic Compounds (VOC)	_____	<input type="checkbox"/> Combined HAPs	_____
<input type="checkbox"/> Carbon Monoxide	_____	<input type="checkbox"/> Air Toxics (40 CFR 68, Subpart F)	_____
<input type="checkbox"/> Nitrogen Oxides	_____	<input type="checkbox"/> Carbon Dioxide	_____
<input type="checkbox"/> Sulfur Dioxide	_____	<input type="checkbox"/> Greenhouse Gases (GHG)	_____
<input type="checkbox"/> Lead	_____	<input type="checkbox"/> Other	_____

For New Construction:Proposed Start Date of Construction:
(MM/YYYY)

Proposed Operation Start-Up Date: (MM/YYYY)

For Modifications:Proposed Start Date of Modification:
(MM/YYYY)

Proposed Operation Start-Up Date: (MM/YYYY)

Applicant is seeking coverage under a permit shield.

☒ Yes ☐ No

Identify any non-applicable requirements for which permit shield is sought on a separate attachment to the application.

Section AI.5 Other Required Information**Indicate the documents attached as part of this application:**

<input type="checkbox"/> DEP7007A Indirect Heat Exchangers and Turbines	<input type="checkbox"/> DEP7007CC Compliance Certification
<input type="checkbox"/> DEP7007B Manufacturing or Processing Operations	<input type="checkbox"/> DEP7007DD Insignificant Activities
<input type="checkbox"/> DEP7007C Incinerators and Waste Burners	<input type="checkbox"/> DEP7007EE Internal Combustion Engines
<input type="checkbox"/> DEP7007F Episode Standby Plan	<input type="checkbox"/> DEP7007FF Secondary Aluminum Processing
<input type="checkbox"/> DEP7007J Volatile Liquid Storage	<input type="checkbox"/> DEP7007GG Control Equipment
<input type="checkbox"/> DEP7007K Surface Coating or Printing Operations	<input type="checkbox"/> DEP7007HH Haul Roads
<input type="checkbox"/> DEP7007L Mineral Processes	<input type="checkbox"/> Confidentiality Claim
<input type="checkbox"/> DEP7007M Metal Cleaning Degreasers	<input type="checkbox"/> Ownership Change Form
<input type="checkbox"/> DEP7007N Source Emissions Profile	<input type="checkbox"/> Secretary of State Certificate
<input type="checkbox"/> DEP7007P Perchloroethylene Dry Cleaning Systems	<input type="checkbox"/> Flowcharts or diagrams depicting process
<input type="checkbox"/> DEP7007R Emission Offset Credit	<input type="checkbox"/> Digital Line Graphs (DLG) files of buildings, roads, etc.
<input type="checkbox"/> DEP7007S Service Stations	<input type="checkbox"/> Site Map
<input type="checkbox"/> DEP7007T Metal Plating and Surface Treatment Operations	<input type="checkbox"/> Map or drawing depicting location of facility
<input type="checkbox"/> DEP7007V Applicable Requirements and Compliance Activities	<input type="checkbox"/> Safety Data Sheet (SDS)
<input type="checkbox"/> DEP7007Y Good Engineering Practice and Stack Height Determination	<input type="checkbox"/> Emergency Response Plan
<input type="checkbox"/> DEP7007AA Compliance Schedule for Non-complying Emission Units	<input type="checkbox"/> Other: _____
<input type="checkbox"/> DEP7007BB Certified Progress Report	

Section AI.6: Signature Block

I, the undersigned, hereby certify under penalty of law, that I am a responsible official*, and that I have personally examined, and am familiar with, the information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the information is on knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false or incomplete information, including the possibility of fine or imprisonment.



Authorized Signature

Danny Gulley

Type or Printed Name of Signatory

7-16-24

Date

Director of Engineering & Maintenance

Title of Signatory

*Responsible official as defined by 401 KAR 52.001.

Thurman, Kayla (EEC)

From: Kenny Greene <kgreene@bluegrassingredients.com>
Sent: Tuesday, April 15, 2025 2:38 PM
To: Thurman, Kayla (EEC)
Subject: RE: Air Permitting Question

This Message Originated from Outside the Organization

This Message Is From an External Sender.

Report Suspicious

Hi Kayla,

Sorry for the delayed response I accidentally sent the email to my junk box.
Our maximum capacity output on units 1 and 2 are 1150 lb/hr.

Thanks,

Kenny

From: Thurman, Kayla (EEC) <kayla.thurman@ky.gov>
Sent: Thursday, April 10, 2025 11:59 AM
To: Kenny Greene <kgreene@bluegrassingredients.com>
Subject: RE: Air Permitting Question

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Kenny,

I'm still digging through our files trying to figure out the discrepancy from prior testing as well. Just to clarify, is the maximum capacity of 1150 lb/hr the dryers' output, not input?

Thanks,
Kayla

From: Thurman, Kayla (EEC)
Sent: Friday, April 4, 2025 1:51 PM
To: Kenny Greene <kgreene@bluegrassingredients.com>
Subject: RE: Air Permitting Question

Thank you for sending that over. I'll make sure everything is good to go on our end, and should have a courtesy copy of the permit ready for you to review soon.

Thanks,
Kayla

From: Kenny Greene <kgreene@bluegrassingredients.com>
Sent: Thursday, April 3, 2025 5:06 PM
To: Thurman, Kayla (EEC) <kayla.thurman@ky.gov>; Jeff Hiser <jhiser@bluegrassingredients.com>
Cc: Zachary Cotter <zcotter@bluegrassingredients.com>; Tim Mardis <tmardis@bluegrassingredients.com>; Derek Shadoan <dshadoan@Ensaf.com>
Subject: RE: Air Permitting Question

****CAUTION** PDF attachments may contain links to malicious sites. Please contact the COT Service Desk ServiceCorrespondence@ky.gov for any assistance.**

Hi Kayla,

I have attached, what we show was on our last testing in 2020.
Looks like the maximum capacity should remain the same.
I may be looking at it wrong.
For now, I would like to be the primary contact and Zach secondary contact.
Let me know if I need to get anything else for you.

Thanks,

Kenny

From: Thurman, Kayla (EEC) <kayla.thurman@ky.gov>
Sent: Wednesday, April 2, 2025 11:26 AM
To: Kenny Greene <kgreene@bluegrassingredients.com>; Jeff Hiser <jhiser@bluegrassingredients.com>
Cc: Zachary Cotter <zcotter@bluegrassingredients.com>; Tim Mardis <tmardis@bluegrassingredients.com>; Derek Shadoan <dshadoan@Ensaf.com>
Subject: RE: Air Permitting Question

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Kenny,

It appears that units EU 01 and EU 02 are listed as having a maximum capacity of 0.575 tons/hr (1150 lb/hr) but during testing in 2020 operated at a processing rate of 0.75 tons/hr (1,500 lb/hr). Is the testing production rate an accurate representation of the maximum capacity?

Also, should I have you listed in our system as the current air permit contact?

Thanks,
Kayla

From: Kenny Greene <kgreene@bluegrassingredients.com>
Sent: Wednesday, April 2, 2025 10:42 AM
To: Jeff Hiser <jhiser@bluegrassingredients.com>; Thurman, Kayla (EEC) <kayla.thurman@ky.gov>
Cc: Zachary Cotter <zcotter@bluegrassingredients.com>; Tim Mardis <tmardis@bluegrassingredients.com>; Derek Shadoan <dshadoan@Ensaf.com>
Subject: RE: Air Permitting Question

Hi Kayla,

The maximum capacity of the below units in question have not changed and are the same as previously stated.

If you need anything else let us know and we will get that information to you.

Thanks,

Kenny Greene
Plant Manager
Office: 859-336-7643
Cell: 859-481-1673

From: Jeff Hiser <jhiser@bluegrassingredients.com>

Sent: Tuesday, April 1, 2025 5:23 PM

To: Thurman, Kayla (EEC) <kayla.thurman@ky.gov>; Danny Gulley <dgulley@bluegrassingredients.com>

Cc: Zachary Cotter <zcotter@bluegrassingredients.com>; Kenny Greene <kgreene@bluegrassingredients.com>; Tim Mardis <tmardis@bluegrassingredients.com>

Subject: RE: Air Permitting Question

Hi Kayla,

Danny is no longer with the company and will need to be removed from your contact list.

The dryers listed below are located at our Springfield plant and we will work to get the information back to you as soon as possible.

Thanks,

Jeff Hiser, Project Engineer | Bluegrass Ingredients
O: 270-297-1742 C: 270-590-0109



NOTICE: This e-mail and any attachments to it may be privileged or confidential. If this e-mail was sent to you in error, please notify me immediately by return e-mail or by phone at 270-651-2146 x339, and please do not use, forward, disseminate, retain, print or copy this e-mail or any attachments.

From: Thurman, Kayla (EEC) <kayla.thurman@ky.gov>

Sent: Tuesday, April 1, 2025 12:12 PM

To: Danny Gulley <dgulley@bluegrassingredients.com>

Subject: Air Permitting Question

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Good morning,

I am reviewing the conditional major renewal permit for Bluegrass Ingredients. Could you confirm the maximum capacity (in tons/hr) for emission units 01 – Blaw Nox 750 Spray Dryer, 02 – Blaw Nox 750 Spray Dryer, and 03 – Blaw Nox 1500 spray dryer?

Thanks,
Kayla

Kayla Thurman
Environmental Engineer Technologist II
(502)564-5203

Combustion Section
Division for Air Quality
300 Sower Blvd
Frankfort, KY 40601