O: (302) 934-4093
M: (302) 470-0210

jasonrussell@mountairefarms.com
Mountaire Farms
P.O. Box 1320 Millsboro,
DE 19966

Mountaire®

4/8/2026

Maryland Department of the Environment
Air Quality Permits Program
Attn: Susan Nash
1800 Washington Boulevard
Baltimore, Maryland 21230

Reference: Mountaire Farms Inc. – Cordova Grain Facility

Mrs. Nash,

Mountaire Farms Inc. Cordova Grain facility will be working on the following projects simultaneously:

1. Replace the Tank 5 unloading floor auger and installing a drag conveyor. The current auger is rated at 120 tons/hour and is past its service life; it will be replaced with a 150 tons/hour drag conveyor.
2. Replace the Wet Tank 4/5 reclaim auger with a drag conveyor. The current auger is past its service life and needs to be replaced. The current maximum auger capacity is 120 tons/hour, the new drag conveyor is maximum rated at 165 tons/hour
3. Repair and rebuild the existing Tank 5 Fill Drag conveyor. This equipment is past its service life so we will be replacing the drag chain, paddles, sprockets, bearings, and fixing any holes in the housing or liner. It will remain at the original throughput capacity of 150 tons/hour.

There will not be any increase in the facility's emissions because the overall facility throughput will remain the same.

Thank you.

Jason Russell
Environmental Manager
Mountaire Farms Inc.

AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms Inc.
COMPANY ADDRESS:	29292 John J Williams Hwy., Millsboro, DE 19966
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms Inc. - Cordova Grain
PREMISES ADDRESS:	11761 Cordova Rd., Cordova, MD 21625
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Jason Russell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 934-4093
EMAIL ADDRESS:	jasonrussell@mountaire.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Replace Tank 5 floor auger with drag conveyor, rebuild tank 5 fill drag conveyor, replace Wet Tank 4/5 reclaim au	

Application is hereby made to the Department of the Environment for a Permit to Construct for the following equipment or process as required by the State of Maryland Air Quality Regulation, COMAR 26.11.02.09.

Check each item that you have submitted as part of your application package.

☒ Application package cover letter describing the proposed project

☒ Complete application forms (Note the number of forms included or NA if not applicable.)

No. x Form 5
No. _____ Form 5T
No. x Form 5EP
No. _____ Form 6
No. _____ Form 10
No. _____ Form 11
No. _____ Form 41
No. _____ Form 42
No. _____ Form 44

☒ Vendor/manufacturer specifications/guarantees

☒ Evidence of Workman's Compensation Insurance

☒ Process flow diagrams with emission points

☐ Site plan including the location of the proposed source and property boundary

☒ Material balance data and all emissions calculations

☐ Material Safety Data Sheets (MSDS) or equivalent information for materials processed and manufactured.

☐ Certificate of Public Convenience and Necessity (CPCN) waiver documentation from the Public Service Commission (1)

☐ Documentation that the proposed installation complies with local zoning and land use requirements (2)

(1) Required for emergency and non-emergency generators installed on or after October 1, 2001 and rated at 2001 kW or more.

(2) Required for applications subject to Expanded Public Participation Requirements.

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FORM 5
APPLICATION FOR
PROCESSING OR MANUFACTURING EQUIPMENT/PROCESS

☑ Permit to Construct ☑ Registration Update ☐ Initial Registration

1. Owner Information

Owner Name: Mountaire Farms Inc.
Owner Street Address: 29292 John J. Williams Hwy
City/State/Zip Code: Millsboro DE 19966

2. Location of Equipment/Process

☑ Check if different from above. If checked, complete the following:
Premises Name: Mountaire Farms Inc. - Cordova Grain
Premises Street Address: 11761 Cordova Rd
City/State/Zip Code: Cordova MD 21625

3. Contact Information

Contact Name: Jason Russell
Job Title: Environmental Manager
Phone Number: (302) 934-4093
Email Address: jasonrussell@mountaire.com

4. Workers' Compensation Coverage Information

Before a Permit to Construct may be issued by the Department, the applicant must provide the Department with proof of worker's compensation coverage as required under Section 1-202 of the Workers' Compensation Act.

Company Name: See Attached.
Binder/Policy Number: _____ Expiration Date:

5. Person Installing Equipment/Process (if different from 1 above)

Installer Name and Title: O'Neals Millwrights, Facility Maintenance Teams
Installer Company Name: Oneal's Millwrights, Mountaire Farms Inc.
Installer Street Address:
City/State/Zip Code:
Phone Number:

6. Description of Major Activity, Product, or Service of Company at this Location (include applicable SIC code)

Grain Receiving, Storage, Handling, Drying, Shipping

7. Installation Type

☐ New Equipment/Process
☑ Modification to Existing Equipment/Process
☐ Existing Equipment/Process

8. Projected Construction/Existing Operation Dates

Projected Construction Start Date: 6/1/26
Projected Construction End Date: 8/1/26
Projected Operating Date of New/Modified Equipment/Process: 8/1/26
Existing Equipment/Process Initial Operating Date:

9. Description of the Equipment/Process (include make, model, manufacturer, rated capacity, as applicable)

Replace Tank 5 Floor Auger with a drag conveyor, Replace Wet Tank 4/5 Auger with a drag conveyor, repair worn parts on Tank 5 Fill Conveyor.

10. Supplemental Equipment/Process Information

Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time: [1]

Number of Stack/Emission Points Associated with the Equipment/Process: [3]
Fugitive Emissions Source? ☑ Yes ☐ No
Note: Complete a Form 5EP for each stack/emission point or fugitive discharge area.

11. Control Devices Associated with this Equipment/Process

Note: Complete a Form 6 for each control device.

☐ None ☐ Baghouse/Fabric Filter ☐ Cyclone ☐ Electrostatic Precipitator
☑ Dust Suppression ☐ Venturi Scrubber ☐ Adsorption System ☐ Spray Tower/Packed Bed
☐ Oxidizer ☐ Nitrogen Oxides Reduction ☐ Other, specify:

12. Fuel Consumption for this Equipment/Process

☐ Natural Gas _____ 1000 cubic feet/year
☐ Propane/LP Gas _____ 100 gallons/year
☐ Distillate Fuel Oil _____ 1000 gallons/year
☐ Residual Fuel Oil _____ 1000 gallons/year
☐ Coal (attach fuel specifications) _____ tons/year
☐ Wood (attach fuel specifications) _____ tons/year
☐ Other (describe): _____ **(specify units)**

13. Operating Schedule for this Equipment/Process

☑ Continuous Operation
☐ Batch Process
_____ hours/batch _____ batches/week
_____ operating hours/day
_____ operating days/week
_____ operating days/year

Seasonal Variation? ☑ Yes ☐ No
If yes, complete the following:

20 Winter Percent
10 Summer Percent
10 Spring Percent
60 Fall Percent
Total Seasons = 100% operating time

14. Input Materials and Usage Rates (attach additional materials as necessary)

Name of Input Material	CAS No. (if applicable)	Input Rate Per Hour	Identify Unit of Measure	Input Rate Per Year	Identify Unit of Measure
Whole Grain		150	Tons	30,000	Tons
Whole Grain		165	Tons	60,000	Tons
Whole Grain		150	Tons	30,000	Tons

15. Output Materials and Production Rates (attach additional materials as necessary)

Name of Output Material or Product	CAS No. (if applicable)	Output Rate Per Hour	Identify Unit of Measure	Output Rate Per Year	Identify Unit of Measure
Whole Grain		150	Tons	30,000	Tons
Whole Grain		165	Tons	60,000	Tons
Whole Grain		150	Tons	30,000	Tons

16. Waste Streams - Solid and Liquid (attach additional materials as necessary)

Name of Waste Material or Waste Product	CAS No. (if applicable)	Waste Generation Rate Per Hour	Identify Unit of Measure	Waste Generation Rate Per Year	Identify Unit of Measure

17. Total Stack Emissions for this Equipment/Process

Nitrogen Oxides	_____	lbs/operating day
Carbon Monoxide	_____	lbs/operating day
Sulfur Oxides	_____	lbs/operating day
Particulate Matter (PM-10)	_____	lbs/operating day
Particulate Matter (PM-2.5)	_____	lbs/operating day
Volatile Organic Compounds	_____	lbs/operating day
Greenhouse Gases (CO_{2e})	_____	lbs/operating day

18. Total Fugitive Emissions for this Equipment/Process

Nitrogen Oxides	_____	lbs/operating day
Carbon Monoxide	_____	lbs/operating day
Sulfur Oxides	_____	lbs/operating day
Particulate Matter (PM-10)	75.89	lbs/operating day
Particulate Matter (PM-2.5)	12.95	lbs/operating day
Volatile Organic Compounds	_____	lbs/operating day
Greenhouse Gases (CO_{2e})	_____	lbs/operating day

19. Required Documents

☑ Air Quality Permit to Construct Application Checklist - Include all required items on the checklist with the Form 5 application

☐ Check this box if this application includes confidential information and submit one confidential copy of the application and one copy with all confidential information removed.

20. Responsible Party Certification Statement

"I CERTIFY UNDER PENALTY OF LAW THAT THE INFORMATION SUBMITTED IN THIS REQUEST FOR COVERAGE IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

04/09/26

Responsible Party Signature **Date**

Scott Thompson, VP Operations Services

Printed Name and Title

For ARA Use Only

Date Received:	
Date Reviewed:	
Reviewed By:	
ARA Premises Number:	
Associated ARA Registration Number or Numbers:	

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FORM 5EP: Emission Point Data

Complete one (1) Form 5EP for EACH emission point (stack or fugitive emissions) related to the proposed installation.

Applicant Name: Mountaire Farms Inc.

1. Emission Point Identification Name/Number

List the applicant assigned name/number for this emission point and use this value on the attached required plot plan:
Tank 5 Fill Drag

2. Emission Point Description

Describe the emission point including all associated equipment and control devices:
Replace drag chain, paddles, sprockets, bearings, and fix holes on the outside housing and inside liner

3. Emissions Schedule for the Emission Point

Continuous or Intermittent (C/I)?	I	**Seasonal Variation** Check box if none: ☒ Otherwise estimate seasonal variation:	
Minutes per hour:	60	Winter Percent	20
Hours per day:	12	Spring Percent	10
Days per week:	5	Summer Percent	10
Weeks per year:	52	Fall Percent	60

4. Emission Point Information

Height above ground (ft):	70	Length and width dimensions at top of rectangular stack (ft):	Length:	Width:	
Height above structures (ft):	1		N/A	N/A	
Exit temperature (°F):	N/A	Inside diameter at top of round stack (ft):		N/A	
Exit velocity (ft/min):	N/A	Distance from emission point to nearest property line (ft):		100	
Exhaust gas volumetric flow rate (acfm):	N/A	Building dimensions if emission point is located on building (ft)	Height	Length	Width

5. Control Devices Associated with the Emission Point

Identify each control device associated with the emission point and indicate the number of devices. ***A Form 6 is also required for each control device***. If none check none:

☐ None

☐ Baghouse No. _____

☐ Cyclone No. _____

☐ Elec. Precipitator (ESP) No. _____

☐ Dust Suppression System No. _____

☐ Venturi Scrubber No. _____

☐ Spray Tower/Packed Bed No. _____

☐ Carbon Adsorber No. _____

- ☐ Cartridge/Canister
- ☐ Regenerative

☐ Thermal Oxidizer No. _____

- ☐ Regenerative

☐ Catalytic Oxidizer No. _____

☐ Nitrogen Oxides Reduction No. _____

- ☐ Selective ☐ Non-Selective
- ☐ Catalytic ☐ Non-Catalytic

☒ Other No. _____
Specify: Mineral Oil

FORM 5EP: Emission Point Data

6. Estimated Emissions from the Emission Point

Criteria Pollutants	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)
Particulate Matter (filterable as PM10)	2.04	2.04	24.48	0.5508
Particulate Matter (filterable as PM2.5)	0.348	0.348	4.176	0.094
Particulate Matter (condensables)				
Volatile Organic Compounds (VOC)				
Oxides of Sulfur (SOx)				
Oxides of Nitrogen (NOx)				
Carbon Monoxide (CO)				
Lead (Pb)				

Greenhouse Gases (GHG)	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)
Carbon Dioxide (CO_2)				
Methane (CH_4)				
Nitrous Oxide (N_2O)				
Hydrofluorocarbons (HFCs)				
Perfluorocarbons (PFCs)				
Sulfur Hexafluoride (SF6)				
Total GHG (as CO_2e)				

List individual federal Hazardous Air Pollutants (HAP) below:	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)

(Attach additional sheets as necessary.)

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FORM 5EP: Emission Point Data

Complete one (1) Form 5EP for EACH emission point (stack or fugitive emissions) related to the proposed installation.

Applicant Name: Mountaire Farms Inc.

1. Emission Point Identification Name/Number

List the applicant assigned name/number for this emission point and use this value on the attached required plot plan:
Wet Tank 4/5 Reclaim Drag

2. Emission Point Description

Describe the emission point including all associated equipment and control devices:
Replace existing 120 tons/hour Wet Tank 4/5 reclaim auger with 165 tons/hour drag conveyor

3. Emissions Schedule for the Emission Point

Continuous or Intermittent (C/I)?	I	**Seasonal Variation** Check box if none: ☒ Otherwise estimate seasonal variation:	
Minutes per hour:	60	Winter Percent	20
Hours per day:	12	Spring Percent	10
Days per week:	5	Summer Percent	10
Weeks per year:	52	Fall Percent	60

4. Emission Point Information

Height above ground (ft):	2	Length and width dimensions at top of rectangular stack (ft):	Length:	Width:	
Height above structures (ft):	0		N/A	N/A	
Exit temperature (°F):	N/A	Inside diameter at top of round stack (ft):		N/A	
Exit velocity (ft/min):	N/A	Distance from emission point to nearest property line (ft):		110	
Exhaust gas volumetric flow rate (acfm):	N/A	Building dimensions if emission point is located on building (ft)	Height	Length	Width

5. Control Devices Associated with the Emission Point

Identify each control device associated with the emission point and indicate the number of devices. ***A Form 6 is also required for each control device***. If none check none:

☐ None

☐ Baghouse No. _____

☐ Cyclone No. _____

☐ Elec. Precipitator (ESP) No. _____

☐ Dust Suppression System No. _____

☐ Venturi Scrubber No. _____

☐ Spray Tower/Packed Bed No. _____

☐ Carbon Adsorber No. _____

- ☐ Cartridge/Canister
- ☐ Regenerative

☐ Thermal Oxidizer No. _____

- ☐ Regenerative

☐ Catalytic Oxidizer No. _____

☐ Nitrogen Oxides Reduction No. _____

- ☐ Selective ☐ Non-Selective
- ☐ Catalytic ☐ Non-Catalytic

☒ Other No. _____
Specify: Mineral Oil

FORM 5EP: Emission Point Data

6. Estimated Emissions from the Emission Point

Criteria Pollutants	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)
Particulate Matter (filterable as PM10)	2.244	2.224	26.93	0.34
Particulate Matter (filterable as PM2.5)	0.383	0.383	4.594	0.06
Particulate Matter (condensables)				
Volatile Organic Compounds (VOC)				
Oxides of Sulfur (SOx)				
Oxides of Nitrogen (NOx)				
Carbon Monoxide (CO)				
Lead (Pb)				

Greenhouse Gases (GHG)	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)
Carbon Dioxide (CO_2)				
Methane (CH_4)				
Nitrous Oxide (N_2O)				
Hydrofluorocarbons (HFCs)				
Perfluorocarbons (PFCs)				
Sulfur Hexafluoride (SF6)				
Total GHG (as CO_2e)				

List individual federal Hazardous Air Pollutants (HAP) below:	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)

(Attach additional sheets as necessary.)

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FORM 5EP: Emission Point Data

Complete one (1) Form 5EP for EACH emission point (stack or fugitive emissions) related to the proposed installation.

Applicant Name: Mountaire Farms Inc.

1. Emission Point Identification Name/Number

List the applicant assigned name/number for this emission point and use this value on the attached required plot plan:
Tank 5 Unloading Auger

2. Emission Point Description

Describe the emission point including all associated equipment and control devices:
Replace existing 120 tons/hour storage bin floor auger with 150 tons/hour drag in the same location inside the floor of the tank

3. Emissions Schedule for the Emission Point

Continuous or Intermittent (C/I)?	I	**Seasonal Variation** Check box if none: ☒ Otherwise estimate seasonal variation:	
Minutes per hour:	60	Winter Percent	20
Hours per day:	12	Spring Percent	10
Days per week:	5	Summer Percent	10
Weeks per year:	52	Fall Percent	60

4. Emission Point Information

Height above ground (ft):	1	Length and width dimensions at top of rectangular stack (ft):	Length:	Width:	
Height above structures (ft):	0		N/A	N/A	
Exit temperature (°F):	N/A	Inside diameter at top of round stack (ft):		N/A	
Exit velocity (ft/min):	N/A	Distance from emission point to nearest property line (ft):		70	
Exhaust gas volumetric flow rate (acfm):	N/A	Building dimensions if emission point is located on building (ft)	Height: 60	Length:	Width: 60

5. Control Devices Associated with the Emission Point

Identify each control device associated with the emission point and indicate the number of devices. ***A Form 6 is also required for each control device***. If none check none:

☐ None

☐ Baghouse No. _____

☐ Cyclone No. _____

☐ Elec. Precipitator (ESP) No. _____

☐ Dust Suppression System No. _____

☐ Venturi Scrubber No. _____

☐ Spray Tower/Packed Bed No. _____

☐ Carbon Adsorber No. _____

- ☐ Cartridge/Canister
- ☐ Regenerative

☐ Thermal Oxidizer No. _____

- ☐ Regenerative

☐ Catalytic Oxidizer No. _____

☐ Nitrogen Oxides Reduction No. _____

- ☐ Selective ☐ Non-Selective
- ☐ Catalytic ☐ Non-Catalytic

☒ Other No. _____
Specify: Mineral Oil

FORM 5EP: Emission Point Data

6. Estimated Emissions from the Emission Point

Criteria Pollutants	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)
Particulate Matter (filterable as PM10)	2.04	2.04	24.48	0.5508
Particulate Matter (filterable as PM2.5)	0.348	0.348	4.176	0.094
Particulate Matter (condensables)				
Volatile Organic Compounds (VOC)				
Oxides of Sulfur (SOx)				
Oxides of Nitrogen (NOx)				
Carbon Monoxide (CO)				
Lead (Pb)				

Greenhouse Gases (GHG)	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)
Carbon Dioxide (CO_2)				
Methane (CH_4)				
Nitrous Oxide (N_2O)				
Hydrofluorocarbons (HFCs)				
Perfluorocarbons (PFCs)				
Sulfur Hexafluoride (SF6)				
Total GHG (as CO_2e)				

List individual federal Hazardous Air Pollutants (HAP) below:	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)

(Attach additional sheets as necessary.)

Facility Emissions

Grain elevator actual emissions — Source unless otherwise noted: EPA AP-42 Chapter 9.9.1

a Activity		b Actual Throughput (tons/year)	c PM Control Efficiency[1] (% control)	d PM Emission Factor (lb/ton)	e PM Emissions (tons/year) b*d*(1-c)/2000	f PM_{10} Control Efficiency[1] (% control)	g PM_{10} Emission Factor (lb/ton)	h PM_{10} Emissions (ton/year) b*g*(1-f)/2000	h $PM_{2.5}$ Emission Factor (lb/ton)	i $PM_{2.5}$ Emissions (ton/year) b*h*(1-f)/2000
Receiving	Truck straight		85%	0.18	0.00	85%	0.059	0.00	0.01	0.00
	Truck hopper		0%	0.035	0.00	0%	0.0078	0.00	0.0013	0.00
	Rail		0%	0.032	0.00	0%	0.0078	0.00	0.0013	0.00
	Barge unload cont.		0%	0.029	0.00	0%	0.0073	0.00	0.0019	0.00
	Barge marine leg		0%	0.15	0.00	0%	0.038	0.00	0.005	0.00
	Ship		0%	0.15	0.00	0%	0.038	0.00	0.005	0.00
Loadout / Shipping	Truck unspecified		60%	0.086	0.00	60%	0.029	0.00	0.0049	0.00
	Railcar		0%	0.027	0.00	0%	0.0022	0.00	0.00037	0.00
	Barge		0%	0.016	0.00	0%	0.004	0.00	0.00055	0.00
	Ship		0%	0.048	0.00	0%	0.012	0.00	0.0022	0.00
Headhouse & Handling[5]		1,800,000.0	60%	0.061	21.96	60%	0.034	12.24	0.0058	2.09
Grain Cleaning[6]			0%	0.375	0.00	0%	0.095	0.00	0.016	0.00
Storage Bin (vent)		0.0	60%	0.025	0.00	60%	0.0063	0.00	0.0011	0.00
Grain Drying	Rack		0%	3	0.00	0%	0.75	0.00	0.13	0.00
	Rack (<50 mesh)		0%	0.47	0.00	0%	0.12	0.00	0.02	0.00
	Column		60%	0.22	0.00	60%	0.055	0.00	0.0094	0.00
Total tons emissions (excluding combustion from dryers)					**21.96**			**12.24**		**2.09**

Equipment Emissions

Tank 5 Floor Auger Replacement

Hourly Emissions

Actual Throughput (tons/hour)	PM Control Efficiency[1] (% control)	PM Emission Factor (lb/ton)	PM Emissions (pounds/hour) b*d*(1-c)/2000	PM_{10} Control Efficiency[1] (% control)	PM_{10} Emission Factor (lb/ton)	PM_{10} Emissions (pounds/hour) b*g*(1-f)/2000	$PM_{2.5}$ Emission Factor (lb/ton)	$PM_{2.5}$ Emissions (pounds/hour) b*h*(1-f)/2000
150	60	0.061	3.66	0.6	0.034	2.04	0.0058	0.348

Wet Tank 4/5 Reclaim Auger Replacement

Hourly Emissions

Actual Throughput (tons/hour)	PM Control Efficiency[1] (% control)	PM Emission Factor (lb/ton)	PM Emissions (pounds/hour) b*d*(1-c)/2000	PM_{10} Control Efficiency[1] (% control)	PM_{10} Emission Factor (lb/ton)	PM_{10} Emissions (pounds/hour) b*g*(1-f)/2000	$PM_{2.5}$ Emission Factor (lb/ton)	$PM_{2.5}$ Emissions (pounds/hour) b*h*(1-f)/2000
165	60	0.061	4.026	0.6	0.034	2.244	0.0058	0.3828

Tank 5 Fill Drag Rebuild

Hourly Emissions

Actual Throughput (tons/hour)	PM Control Efficiency[1] (% control)	PM Emission Factor (lb/ton)	PM Emissions (pounds/hour) b*d*(1-c)/2000	PM_{10} Control Efficiency[1] (% control)	PM_{10} Emission Factor (lb/ton)	PM_{10} Emissions (pounds/hour) b*g*(1-f)/2000	$PM_{2.5}$ Emission Factor (lb/ton)	$PM_{2.5}$ Emissions (pounds/hour) b*h*(1-f)/2000
150	60	0.061	3.66	0.6	0.034	2.04	0.0058	0.348

Daily Emissions (Potential)

PM Emissions (pounds/day)	PM_{10} Emissions (pounds/day)	$PM_{2.5}$ Emissions (pounds/day)
272.304	151.776	25.8912

Yearly Throughputs based on facility management knowledge

Equipment	Annual Throughput - Tons	Operational Days	Average Hours per Day	Total Hours
Tank 5 Floor Auger	30,000	45	12	540
Wet Tank 4/5 Reclaim	30,000	25	12	300
Tank 5 Fill Conveyor	60,000	45	12	540

Daily Emissions Actual

Tank 5 Floor Auger			Wet Tank 4/5 Reclaim			Tank 5 Fill Conveyor		
PM Emissions (pounds/day) F34*G60	PM_{10} Emissions (pounds/day) I34*G60	$PM_{2.5}$ Emissions (pounds/day) K34*G60	PM Emissions (pounds/day) F41*G61	PM_{10} Emissions (pounds/day) I41*G61	$PM_{2.5}$ Emissions (pounds/day) K41*G61	PM Emissions (pounds/day) F48*G62	PM_{10} Emissions (pounds/day) I48*G62	$PM_{2.5}$ Emissions (pounds/day) K48*G62
43.92	24.48	4.176	48.312	26.928	4.5936	43.92	24.48	4.176

Annual Emissions Actual

Tank 5 Floor Auger			Wet Tank 4/5 Reclaim			Tank 5 Fill Conveyor		
PM Emissions Tons/Year F34*J60/2000	PM_{10} Emissions Tons/Year I34*J60/2000	$PM_{2.5}$ Emissions Tons/Year K34*J60/2000	PM Emissions Tons/Year F41*J61/2000	PM_{10} Emissions Tons/Year I41*J61/2000	$PM_{2.5}$ Emissions Tons/Year K41*J61/2000	PM Emissions Tons/Year F48*J62/2000	PM_{10} Emissions Tons/Year I48*J62/2000	$PM_{2.5}$ Emissions Tons/Year K48*J62/2000
0.9882	0.5508	0.09396	0.6039	0.3366	0.05742	0.9882	0.5508	0.09396

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 2/27/2026

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Stephens Insurance, LLC
111 Center Street, Suite 100
Little Rock, AR 72201

www.stephensinsurance.com

CONTACT NAME: Cheri Johnson
PHONE (A/C, No, Ext): (501)377-6319 **FAX (A/C, No):**
E-MAIL ADDRESS: cheri.johnson@stephens.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Hartford Fire Insurance Company	19682
INSURER B : Property & Casualty Insurance Co. of Hartford	34690
INSURER C : Twin City Fire Insurance Company	29459
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
Mountaire Farms Inc.
P. O Box 1320
Millsboro DE 19966-1320

COVERAGES **CERTIFICATE NUMBER:** 89467658 **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. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
C	✓ COMMERCIAL GENERAL LIABILITY			38ECSS71202	3/1/2026	3/1/2027	EACH OCCURRENCE	$ 1,000,000
	☐ CLAIMS-MADE ✓ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 1,000,000
	✓ Contractual						MED EXP (Any one person)	$ 10,000
	✓ $1,000,000 SIR						PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 2,000,000
	✓ POLICY ☐ PRO-JECT ☐ LOC						PRODUCTS - COMP/OP AGG	$ 4,000,000
	OTHER:							$
A	AUTOMOBILE LIABILITY			38CSES71201 $250,000. Deductible	3/1/2026	3/1/2027	COMBINED SINGLE LIMIT (Ea accident)	$ 5,000,000
	✓ ANY AUTO						BODILY INJURY (Per person)	$
	☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	✓ HIRED AUTOS ONLY ✓ NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	☐ UMBRELLA LIAB ☐ OCCUR						EACH OCCURRENCE	$
	☐ EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE	$
	☐ DED ☐ RETENTION $							$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N	N / A		38WNS71200 $500,000. Deductible	3/1/2026	3/1/2027	✓ PER STATUTE ☐ OTH-ER	
	ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐ (Mandatory in NH)						E.L. EACH ACCIDENT	$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000

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

CERTIFICATE HOLDER

For Information Purposes Only

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Stan Payne

Facility Emissions

Grain elevator actual emissions — Source unless otherwise noted: EPA AP-42 Chapter 9.9.1

a Activity		b Actual Throughput (tons/year)	c PM Control Efficiency[1] (% control)	d PM Emission Factor (lb/ton)	e PM Emissions (tons/year) b*d*(1-c)/2000	f PM_{10} Control Efficiency[1] (% control)	g PM_{10} Emission Factor (lb/ton)	h PM_{10} Emissions (ton/year) b*g*(1-f)/2000	h $PM_{2.5}$ Emission Factor (lb/ton)	i $PM_{2.5}$ Emissions (ton/year) b*h*(1-f)/2000
Receiving	Truck straight	300,000.0	85%	0.18	4.05	85%	0.059	1.33	0.01	0.23
	Truck hopper		0%	0.035	0.00	0%	0.0078	0.00	0.0013	0.00
	Rail		0%	0.032	0.00	0%	0.0078	0.00	0.0013	0.00
	Barge unload cont.		0%	0.029	0.00	0%	0.0073	0.00	0.0019	0.00
	Barge marine leg		0%	0.15	0.00	0%	0.038	0.00	0.005	0.00
	Ship		0%	0.15	0.00	0%	0.038	0.00	0.005	0.00
Loadout / Shipping	Truck unspecified	300,000.0	60%	0.086	5.16	60%	0.029	1.74	0.0049	0.29
	Railcar		0%	0.027	0.00	0%	0.0022	0.00	0.00037	0.00
	Barge		0%	0.016	0.00	0%	0.004	0.00	0.00055	0.00
	Ship		0%	0.048	0.00	0%	0.012	0.00	0.0022	0.00
Headhouse & Handling[2]		900,000.0	60%	0.061	10.98	60%	0.034	6.12	0.0058	1.04
Grain Cleaning[3]			0%	0.375	0.00	0%	0.095	0.00	0.016	0.00
Storage Bin (vent)		600,000.0	60%	0.025	3.00	60%	0.0063	0.76	0.0011	0.13
Grain Drying	Rack		0%	3	0.00	0%	0.75	0.00	0.13	0.00
	Rack (<50 mesh)		0%	0.47	0.00	0%	0.12	0.00	0.02	0.00
	Column	300,000.0	60%	0.22	13.20	60%	0.055	3.30	0.0094	0.56
Total tons emissions (excluding combustion from dryers)					**36.39**			**13.24**		**2.26**

Equipment Emissions

Tank 5 Floor Auger Replacement

Hourly Emissions

Actual Throughput (tons/hour)	PM Control Efficiency[1] (% control)	PM Emission Factor (lb/ton)	PM Emissions (pounds/hour) b*d*(1-c)/2000	PM_{10} Control Efficiency[1] (% control)	PM_{10} Emission Factor (lb/ton)	PM_{10} Emissions (pounds/hour) b*g*(1-f)/2000	$PM_{2.5}$ Emission Factor (lb/ton)	$PM_{2.5}$ Emissions (pounds/hour) b*h*(1-f)/2000
150	60	0.061	3.66	0.6	0.034	2.04	0.0058	0.348

Wet Tank 4/5 Reclaim Auger Replacement

Hourly Emissions

Actual Throughput (tons/hour)	PM Control Efficiency[1] (% control)	PM Emission Factor (lb/ton)	PM Emissions (pounds/hour) b*d*(1-c)/2000	PM_{10} Control Efficiency[1] (% control)	PM_{10} Emission Factor (lb/ton)	PM_{10} Emissions (pounds/hour) b*g*(1-f)/2000	$PM_{2.5}$ Emission Factor (lb/ton)	$PM_{2.5}$ Emissions (pounds/hour) b*h*(1-f)/2000
165	60	0.061	4.026	0.6	0.034	2.244	0.0058	0.3828

Tank 5 Fill Drag Rebuild

Hourly Emissions

Actual Throughput (tons/hour)	PM Control Efficiency[1] (% control)	PM Emission Factor (lb/ton)	PM Emissions (pounds/hour) b*d*(1-c)/2000	PM_{10} Control Efficiency[1] (% control)	PM_{10} Emission Factor (lb/ton)	PM_{10} Emissions (pounds/hour) b*g*(1-f)/2000	$PM_{2.5}$ Emission Factor (lb/ton)	$PM_{2.5}$ Emissions (pounds/hour) b*h*(1-f)/2000
150	60	0.061	3.66	0.6	0.034	2.04	0.0058	0.348

Daily Emissions (Potential)

PM Emissions (pounds/day)	PM_{10} Emissions (pounds/day)	$PM_{2.5}$ Emissions (pounds/day)
272.304	151.776	25.8912

Yearly Throughputs based on facility management knowledge

Equipment	Annual Throughput - Tons	Operational Days	Average Hours per Day	Total Hours
Tank 5 Floor Auger	30,000	45	12	540
Wet Tank 4/5 Reclaim	30,000	25	12	300
Tank 5 Fill Conveyor	60,000	45	12	540

Daily Emissions Actual

Tank 5 Floor Auger			Wet Tank 4/5 Reclaim			Tank 5 Fill Conveyor		
PM Emissions (pounds/day) F34*G60	PM_{10} Emissions (pounds/day) I34*G60	$PM_{2.5}$ Emissions (pounds/day) K34*G60	PM Emissions (pounds/day) F41*G61	PM_{10} Emissions (pounds/day) I41*G61	$PM_{2.5}$ Emissions (pounds/day) K41*G61	PM Emissions (pounds/day) F48*G62	PM_{10} Emissions (pounds/day) I48*G62	$PM_{2.5}$ Emissions (pounds/day) K48*G62
43.92	24.48	4.176	48.312	26.928	4.5936	43.92	24.48	4.176

Annual Emissions Actual

Tank 5 Floor Auger			Wet Tank 4/5 Reclaim			Tank 5 Fill Conveyor		
PM Emissions Tons/Year F34*J60/2000	PM_{10} Emissions Tons/Year I34*J60/2000	$PM_{2.5}$ Emissions Tons/Year K34*J60/2000	PM Emissions Tons/Year F41*J61/2000	PM_{10} Emissions Tons/Year I41*J61/2000	$PM_{2.5}$ Emissions Tons/Year K41*J61/2000	PM Emissions Tons/Year F48*J62/2000	PM_{10} Emissions Tons/Year I48*J62/2000	$PM_{2.5}$ Emissions Tons/Year K48*J62/2000
0.9882	0.5508	0.09396	0.6039	0.3366	0.05742	0.9882	0.5508	0.09396