

MARYLAND DEPARTMENT OF THE ENVIRONMENT

**AIR AND RADIATION ADMINISTRATION
APPLICATION FOR A PERMIT TO CONSTRUCT**

DOCKET # 05-24

COMPANY: Mountaire Farms of Delaware, Inc.
LOCATION: 3695 Choptank Rd., Preston, MD 21655
APPLICATION: A grain drying and handling facility

<u>ITEM</u>	<u>DESCRIPTION</u>
1	Notice of Application and Opportunity to Request an Informational Meeting
2	Environmental Justice (EJ) Information – EJ Fact Sheet and MDE Score and Screening Report
3	Permit to Construct Application Forms – Forms 5, 6, Equipment List, Emissions Calculations, Site Diagram, Process Flow Diagram
4	Zoning Approval

**DEPARTMENT OF THE ENVIRONMENT
AIR AND RADIATION ADMINISTRATION**

**NOTICE OF APPLICATION AND
OPPORTUNITY TO REQUEST AN INFORMATIONAL MEETING**

The Maryland Department of the Environment, Air and Radiation Administration (ARA) received a permit-to-construct application from Mountaire Farms of Delaware, Inc. on May 1, 2024 for a grain drying and handling facility. The proposed installation will be located at 3695 Choptank Rd., Preston, MD 21655.

In accordance with HB 1200/Ch. 588 of 2022, the applicant provided an environmental justice (EJ) Score for the census tract in which the project is located using the MDE EJ Screening Tool. The EJ Score, expressed as a statewide percentile, was shown to be 35.48 which the Department has verified. This score considers three demographic indicators, minority population above 50%, poverty rate above 25% and limited English proficiency above 15%, to identify underserved communities. Multiple environmental health indicators are used to identify overburdened communities.

Copies of the application, the MDE EJ Screening Tool Report (which includes the score), and other supporting documents are available for public inspection on the Department's website at <https://mde.maryland.gov/programs/Permits/AirManagementPermits/Pages/index.aspx> (click on Docket Number 05-24). Any applicant-provided information regarding a description of the environmental and socioeconomic indicators contributing to that EJ score can also be found at the listed website. Such information has not yet been reviewed by the Department. A review of the submitted information will be conducted when the Department undertakes its technical review of all documents included in the application.

Pursuant to the Environment Article, Section 1-603, Annotated Code of Maryland, the Department will hold an informational meeting to discuss the application and the permit review process if the Department receives a written request for a meeting within 10 working days from the date of the second publication of this notice. A requested informational meeting will be held virtually using teleconference or internet-based conferencing technology unless a specific request for an in-person informational meeting is received. All requests for an informational meeting should be directed to the attention of Ms. Shannon Heafey, Air Quality Permits Program by email to shannon.heafey@maryland.gov or by mail to the Air and Radiation Administration, 1800 Washington Boulevard, Baltimore, Maryland 21230.

Further information may be obtained by calling Ms. Shannon Heafey at 410-537-4433.

Christopher R. Hoagland, Director
Air and Radiation Administration



The Applicant's Guide to Environmental Justice and Permitting

What You Need to Know

This fact sheet is designed to provide guidance to applicants on incorporating environmental justice screening requirements pursuant to House Bill 1200, effective October 1, 2022.

What is Environmental Justice?

The concept behind the term environmental justice (EJ) is that regardless of race, color, national origin, or income, all Maryland residents and communities should have an equal opportunity to enjoy an enhanced quality of life. How to assess whether equal protection is being applied is the challenge.

Communities surrounded by a disproportionate number of polluting facilities puts residents at a higher risk for health problems from environmental exposures. It is important that residents who may be adversely affected by a proposed source be aware of the current environmental issues in their community in order to have meaningful involvement in the permitting process. Resources may be available from government and private entities to ensure that community health is not negatively impacted by a new source located in the community.

Extensive research has documented that health disparities exist between demographic groups in the United States, such as differences in mortality and morbidity associated with factors that include race/ethnicity, income, and educational attainment. House Bill 1200 adds to MDE's work incorporating diversity, equity and inclusion into our mission to help overburdened and underserved communities with environmental issues.

What is House Bill 1200 and what does it require?

Effective October 1, 2022, House Bill 1200 requires a person applying for a permit from the Department under §1-601 of the Environment Article of the Annotated Code of Maryland or any permit requiring public notice and participation to include in the application an EJ Score for the census tract where the applicant is seeking the permit; requiring the Department, on receiving a certain permit application to review the EJ Score; and requiring notices to include information related to EJ Scores and generally relating to environmental permits and environmental justice screenings.

What is a "Maryland EJ Tool"?

The term "Maryland EJ Tool" means a publicly available state mapping tool that allows users to: (1) explore layers of environmental justice concern; (2) determine an overall EJ score for census tracts in the state; and (3) view additional context layers relevant to an area. The MDE EJ Screening Tool is considered a Maryland EJ Tool.

What is an "EJ Score"?

The term "EJ Score" means an overall evaluation of an area's environment and environmental justice indicators, as defined by MDE in regulation, including: (1) pollution burden exposure; (2) pollution burden environmental effects; (3) sensitive populations; and (4) socioeconomic factors.

The MDE EJ Screening Tool considers three demographic indicators, minority population above 50%, poverty rate above 25% and limited English proficiency above 15%, to identify underserved communities, and multiple environmental health indicators to identify overburdened communities. The tool uses these indicators to calculate a



The Applicant's Guide to Environmental Justice and Permitting

What You Need to Know

Final EJ Score Percentile, statewide. It is that score, linked to the census tract where the project is to be located, that needs to be reported to MDE as part of your permit application.

What does the application require?

The link for the MDE EJ Screening Tool is located on the Department's website, www.mde.maryland.gov. Click on the Environmental Justice header at the top of the Department's home page, then select EJ Screening Tool from the menu on the left. Click on Launch the EJ Screening Tool. After you open the tool, click okay on the opening screen. At the top right, please click the first button for the MDE Screening Report. Input the address of the proposed installation in the address bar. Click on the Report button. Once the report has been generated select the print icon and save it in a .pdf format.

The applicant needs to include the MDE Screening Report with the EJ Score from the MDE EJ Screening Tool as part of the permit application upon submission. An application will not be considered complete without the report.

The applicant is encouraged to provide the Department with a discussion about the environmental exposures in the community. This will provide pertinent information about how the applicant should proceed with engaging with the community. Residents of a community with a high indicator score and a high degree of environmental exposure should be afforded broader opportunities to participate in the permit process and understand the impacts a project seeking permit approval may have on them.

Questions

For air quality permits, please call 410-537-3230.

For water permits, please call 410-537-4145.

For land permits pertaining to Solid Waste, please call 410-537-3098. For land permits pertaining to Oil Control, please call 410-537-3483.

For land permits pertaining to Animal Feeding Operations, please call 410-537-4423.

For land permits pertaining to Biosolids, please call 410-537-3403.

Summary

Name	Count	Area(mi²)	Length(mi)
MDE Final EJ Score (%ile score)	1	N/A	N/A
Overburdened Communities Combined Score	1	N/A	N/A
Overburdened Pollution Environmental Score (%ile score)	1	N/A	N/A
Overburdened Exposure Score (%ile score)	1	N/A	N/A
Overburdened Sensitive Population (%ile score)	1	N/A	N/A
Socioeconomic/Demographic Score 2020 (Percentile score) (Underserved Community)	1	N/A	N/A
Air Emissions Facilities	0	N/A	N/A
Sulfur Dioxide (2010)	0	N/A	N/A
Ozone (2015)	1	N/A	N/A
Fine Particles (2012)	1	N/A	N/A
Biosolids FY 2020 and Current Permit Details	0	N/A	N/A
Biosolids FY2010 - 2014 Permit Details	0	N/A	N/A
Biosolids FY2009 Expired Permit Details	0	N/A	N/A
Biosolids FY 2020 and Current Permits Distribution By Acreage	1	N/A	N/A
Biosolids FY2015 - 2019 Permits Distribution By Acreage	1	N/A	N/A
Biosolids FY2010 - 2014 Permits Distribution By Acreage	1	N/A	N/A
Biosolids FY2009 Permits Expired Distribution By Acreage	1	N/A	N/A
Biosolids FY 2020 and Current Permit Distribution By Percent Coverage	1	N/A	N/A
Biosolids FY2015 - 2019 Permit Distribution By Percent Coverage	1	N/A	N/A
Biosolids FY2010 - 2014 Permit Distribution By Percent Coverage	1	N/A	N/A
Biosolids FY2009 Expired Permit Distribution By Percent Coverage	1	N/A	N/A
Concentrated Animal Feeding Operations (CAFOs)	0	N/A	N/A
Composting Facilities	0	N/A	N/A
Food Scrap Acceptors	0	N/A	N/A
Landfills	0	N/A	N/A
Correctional Facilities	0	N/A	N/A
Industrial Food Suppliers	0	N/A	N/A
Residential Colleges	0	N/A	N/A
Non-Residential Colleges	0	N/A	N/A
Hospitals	0	N/A	N/A
High Schools	0	N/A	N/A
Grocery Stores	0	N/A	N/A
10 Miles from Landfill	3	N/A	N/A
10 Miles from Composting Facility	0	N/A	N/A
General Composting Facilities Tier 2 (MD)	0	N/A	N/A
Commercial Anaerobic Digester (MD)	0	N/A	N/A
Out of State Facilities	0	N/A	N/A
30 mile buffer (Maryland)	1	N/A	N/A
30 Mile Buffer (Out of State)	0	N/A	N/A
Land Restoration Facilities	0	N/A	N/A
Determinations (points)	0	N/A	N/A
Determinations (areas)	0	N/A	N/A
Entities	0	N/A	N/A
Active Coal Mine Sites	0	N/A	N/A
Historic Mine Facilities	0	N/A	N/A

All Permitted Solid Waste Acceptance Facilities	0	N/A	N/A
Municipal Solid Waste Acceptance Facilities	0	N/A	N/A
Maryland Dam Locations	0	N/A	N/A
Maryland Pond Locations	0	N/A	N/A
Surface Water Intakes	0	N/A	N/A
Wastewater Discharge Facilities	0	N/A	N/A
Drinking Water	0	N/A	N/A
Clean Water	0	N/A	N/A

MDE Final EJ Score (%ile score)

#	Census tract identifier	Geographic Area Name	Total Population	Final EJ Score Percent (for this tract)	Final EJ Score Percentile (Distribution across Maryland)	Area(mi²)
1	24011955500	Census Tract 9555, Caroline County, Maryland	3611	27.33	35.48	N/A

Overburdened Communities Combined Score

#	GEOID20	Geographic_Area_Name	TotalPop	Overburd_Exposure_Percent	Overburd_Exposure_Percentile	Overburd_Poll_Environment_Percent	Overburd_Poll_Environment_Percentile	Sensitive_Population_Percent
1	24011955500	Census Tract 9555, Caroline County, Maryland	3,611	35.14	3.90	5.68	37.94	74.38

#	Sensitive_Population_Percentile	OverburdenedAllPercent	OverburdenedAllPercentile	Area(mi²)
1	82.23	54.41	39.71	N/A

Overburdened Pollution Environmental Score (%ile score)

#	GEOID20	Geographic_Area_Name	RentalsOccupiedPer79Percent	Percentile	PercentRMP	PercentRMPEJ	PercentHazWaste	PercentHazWaste EJ
1	24011955500	Census Tract 9555, Caroline County, Maryland	22.60	68.22	1.24	3.41	0.31	3.76

#	PercentSuperFund NPL	PercentSuperFund NPLEJ	PercentHazWW	PercentHazWWEJ	BrownFPercent	Percentile_1	PercentPowerPlants	Percentile_12
1	2.39	7.52	8.93	7.93	0.00	0.00	0.00	0.00

#	PercentCAFOS	Percentile_12_13	PercentActiveMines	Percentile_12_13_14	PollutionEnvironmentalPercent	PollInEnvironmentalPercentile	Area(mi²)
1	40.63	99.32	0.00	0.00	5.68	37.94	N/A

Overburdened Exposure Score (%ile score)

#	GEOID20	Geographic_Area_Name	Total_Pop	PercentNATA_Cancer	Percentile_NATA_Cancer	PercentNATA_Resp_HI	Percentile_NATA_Resp_HI	PercentNATA_Diesel
1	24011955500	Census Tract 9555, Caroline County, Maryland	3,611.00	40.00	7.62	60.00	12.67	11.68

#	Percentile_NATA_Diesel	PercentNATA_PM25	PercentileNATA_PM25	PercentOzone	PercentileOzone	PercentTraffic	PercentileTraffic	PercentTRI
1	4.89	77.57	4.42	91.88	14.60	0.00	0.00	0.00

#	PercentileTRI	PercentHazWasteLF	Percentile_HazWasteLF	PollutionExposurePercent	PollutionExposurePercentile	Area(mi²)
1	0.00	0.00	0.00	35.14	3.90	N/A

Overburdened Sensitive Population (%ile score)

#	GEOID20	Geographic_Area_Name	PerAsthma	PercentileAst	PerMyo	PercentileMyo	PerLow	PercentileLow
1	24011955500	Census Tract 9555, Caroline County, Maryland	94.70	79.15	94.00	76.35	21.20	20.10

#	PercentBroad	PercentileBroad	PercentSens	PercentileSens	Area(mi²)
1	12.40	62.82	55.57	59.60	N/A

Socioeconomic/Demographic Score 2020 (Percentile score) (Underserved Community)

#	Census tract identifier	Geographic Area Name	Total Population	Percent Poverty	Percent Minority	Percent Limited English Proficiency	Demographic Score (Percent for this tract)	Demographic Score (Percentile Distribution across Maryland)	Area(mi ²)
1	24011955500	Census Tract 9555, Caroline County, Maryland	3,611	21.68	17.14	0.00	12.94	25.50	N/A

Ozone (2015)

#	STATEFP10	COUNTYFP10	COUNTYNS10	GEOID10	NAME10	Ozone NAA Area	8-Hr Ozone (2015) Designation	8-HR Ozone (2015) Classification	8-Hr Ozone (2015) Status	Area(mi ²)
1	24	011	00595737	24011	Caroline	No Data	Attainment/Unclassifiable	No Data	No Data	N/A

Fine Particles (2012)

#	STATEFP10	COUNTYFP10	COUNTYNS10	GEOID10	NAME10	PM2.5 (2012) Status	Area(mi ²)
1	24	011	00595737	24011	Caroline	Attainment/Unclassifiable	N/A

Biosolids FY 2020 and Current Permits Distribution By Acreage

#	County Name	FY2020andAfter	Area(mi ²)
1	Caroline	1,415.70	N/A

Biosolids FY2015 - 2019 Permits Distribution By Acreage

#	County Name	FY2015to2019	Area(mi ²)
1	Caroline	1,824.70	N/A

Biosolids FY2010 - 2014 Permits Distribution By Acreage

#	County Name	FY2010to2014	Area(mi ²)
1	Caroline	1,328.80	N/A

Biosolids FY2009 Permits Expired Distribution By Acreage

#	County Name	FY2009	Area(mi ²)
1	Caroline	No Data	N/A

Biosolids FY 2020 and Current Permit Distribution By Percent Coverage

#	County Name	FY2020andAfter	Area(mi ²)
1	Caroline	1,415.70	N/A

Biosolids FY2015 - 2019 Permit Distribution By Percent Coverage

#	County Name	FY2015to2019	Area(mi ²)
1	Caroline	1,824.70	N/A

Biosolids FY2010 - 2014 Permit Distribution By Percent Coverage

#	County Name	FY2010to2014	Area(mi ²)
1	Caroline	1,328.80	N/A

Biosolids FY2009 Expired Permit Distribution By Percent Coverage

#	County Name	FY2009	Area(mi ²)
1	Caroline	No Data	N/A

10 Miles from Landfill

#	County	Type	Facility_N	ADDRESS	FILL	SITE__ACRE	AI_No_	Owner_Type
1	DORCHESTER	WMF	Beulah Municipal LF - LateralExpansion	6812 East New Market-Ellwood Road, Hurlock MD 21643.	31.5	100.00	19,538.00	CTY
2	TALBOT	WMF	Midshore Regional MunicipalLF	7341 Barkers Landing Road, Easton MD 21601.	67	140.00	11,369.00	MES
3	TALBOT	WTS	Midshore TransferStation	7341 Barkers Landing Road, Easton MD 21601.	0.5	140.00	11,369.00	MES

#	MD_GRID__E	PERMITNUMB	EXPIRATION	Area(mi²)
1	1115 /307	2015-WMF-0628	2/21/2020, 7:00 PM	N/A
2	1080 /356	2015-WMF-0144	2/23/2020, 7:00 PM	N/A
3	1080 /356	2015-WTS-0549	5/10/2020, 8:00 PM	N/A

30 mile buffer (Maryland)

#	Facility_Name_1	Facility_Contact_1	Contact_Phone	Contact_Email_1	Contact_2	Contact_2_Phone	Contact_2_Email	URL	Area(mi²)
1	Twin Maples Compost Facility	Ryan Slack	(336) 207-9310	rslack@midatlanticorganic.com	No Data	No Data	No Data	https://midatlanticorganic.com/	N/A



April 22, 2024

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

Reference: Moutaire Farms of Delaware Inc. – Preston Grain Facility

Mr. Hafner:

Please find enclosed the application packet for our Preston Grain Facility which involves air permitting the facility properly. Moutaire purchased the facility in December of 2023 from Nagle's Farm Services.

The application includes all air operating equipment, best control technologies that will be constructed along with the facility air emissions. Air emissions were calculated on the worst case scenario of the facility operating 24 hours a day, 7 days a week. Control technologies include applying mineral oil to all grains received and installing the Dust Control by Wings baffle system inside the receiving pit.

If there are any questions, feel free to reach out to me.

Regards,

Kyle McConnell

Kyle McConnell
Environmental Manager
Moutaire Farms



Mountaire Farms of Delaware Inc. – Preston Grain Facility

Equipment List

Grain Storage

<i>Identification</i>	<i>No. of Bushels</i>
Tank 1	190,000
Tank 2	80,000
Tank 3	90,000
Tank 4	100,000
Tank 5	165,000
Tank 6	165,000
Tank 7	190,000
Tank 8	50,000
Tank 9	190,000
Tank 10	165,000
Tank 11	165,000
Tank 12	190,000
Load Out Tank 1	5,000
Load Out Tank 2	5,000
<i>Total Grain Storage</i>	<i>1,750,000 bushels</i>

Wet Tanks

<i>Identification</i>	<i>No. of Bushels</i>
Wet Tank 1	15,000
Wet Tank 2	15,000
Wet Tank 3	15,000
<i>Total Wet Grain Storage</i>	<i>45,000 bushels</i>



Grain Dryer

<i>Identification</i>	<i>No. of Bushels / Hour</i>
Grain Dryer 1 (Natural Gas)	3,500

Truck Receiving Pit

<i>Identification</i>	<i>No. of Bushels</i>
Truck Receiving Pit 1	450-bushel capacity
Receiving Pit Drag	11,000 bph

Grain Elevator Legs

<i>Identification</i>	<i>No. of Bushels / Hour</i>
Grain Receiving Leg	11,000
Wet Grain Leg	8,000
Dry Grain Leg	8,000

Grain Turn Heads

<i>Identification</i>	<i>Type</i>
Turn Head 1	8-hole flat back turn head
Turn head 2	8-hole flat back turn head



Overhead Grain Transfer Drags

<i>Identification</i>	<i>No. of Bushels / Hour</i>
#1/2 top drag	9,000
#3/6 top drag	9,000
#6/11 top drag	9,000
#2/5 top drag	9,000
#5/10 top drag	9,000
#4 top drag	15,000
#4/7 top drag	9,000
#7/9 top drag	9,000
#9/12 top drag	9,000
#8/W1 top drag	8,000

Tunnel Drags

<i>Identification</i>	<i>No. of Bushels / Hour</i>
#10/11 Tunnel Drag	5000
#12 Tunnel Drag	9500

Transfer Drags

<i>Identification</i>	<i>No. of Bushels / Hour</i>
#10/11 Transfer Drag	5,000
#5/6 transfer drag	5,000
#6 transfer drag	5,000
#7/4 transfer drag	5,000
Dryer drag	5,000
Wet #2 & #3 drag	7,000



Tube Transfer / Loadout Screws

<i>Identification</i>	<i>No. of Bushels / Hour</i>
#2 tube screw	3,000
#5 tube screw	5,000
#6 tube screw	5,000
#1/3 tube screw	4,000
#12 tube screw (loadout)	6,000
#9 tube screw (loadout)	5,000
#9 incline tube screw	5,500
#7 tube screw	5,000
#4 tube screw	3,500
#8 tube screw	4,500

Gravity Loadouts

<i>Identification</i>	<i>No. of Bushels / Hour</i>
Gravity loadout tank 5	6,000
Gravity loadout tank 10	6,000
Gravity loadout tank 11	6,000
Gravity loadout tank 6	6,000
Gravity loadout tank 1	6,000
Gravity loadout tank 12 (x2)	12,000
Gravity loadout tank 9 (x2)	12,000
Gravity loadout tank 7 (x2)	12,000
Gravity loadout 8	6,000
#8 tube screw	4,500



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

a	b	c	d	e	f	g	h	h	i
Activity	Maximum Capacity (tons/year)	PM Control Efficiency (% control)	PM Emission Factor (lb/ton)	PM Emissions (tons/year) $b*d/2000$	PM ₁₀ Control Efficiency (% control)	PM ₁₀ Emission Factor (lb/ton)	PM ₁₀ Emissions (ton/year) $b*g/2000$	PM _{2.5} Emission Factor (lb/ton)	PM _{2.5} Emissions (ton/year) $b*h*(1-f)/2000$
Receiving	Truck straight	300,000.0	0.18	27.00	0%	0.059	8.85	0.01	1.50
	Truck hopper	0.0	0.035	0.00		0.0078	0.00	0.0013	0.00
	Rail	0.0	0.032	0.00		0.0078	0.00	0.0013	0.00
	Barge unload cont.	0.0	0.029	0.00		0.0073	0.00	0.0019	0.00
	Barge marine leg	0.0	0.15	0.00		0.038	0.00	0.005	0.00
	Ship	0.0	0.15	0.00		0.038	0.00	0.005	0.00
Loadout / Shipping	Truck unspecified	300,000.0	0.086	12.90	0%	0.029	4.35	0.0049	0.74
	Railcar	0.0	0.027	0.00		0.0022	0.00	0.00037	0.00
	Barge	0.0	0.016	0.00		0.004	0.00	0.00055	0.00
	Ship	0.0	0.048	0.00		0.012	0.00	0.0022	0.00
Headhouse & Handling ²	900,000.0		0.061	27.45		0.034	15.30	0.0058	2.61
Grain Cleaning ³	0.0		0.375	0.00		0.095	0.00	0.016	0.00
Storage Bin (vent)	600,000.0		0.025	7.50		0.0063	1.89	0.0011	0.33
Grain Drying	Rack	0.0	3	0.00		0.75	0.00	0.13	0.00
	Rack (<50 mesh)	0.0	0.47	0.00		0.12	0.00	0.02	0.00
	Column	300,000.0	0.22	33.00		0.055	8.25	0.0094	1.41
Total tons of emissions (excluding dryer combustion)				107.85			38.64		6.59

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

a	b	c	d	e	f	g	h	h	i	
Activity	Actual Throughput (tons/year)	PM Control Efficiency ¹ (% control)	PM Emission Factor (lb/ton)	PM Emissions (tons/year) $b*d*(1-c)/2000$	PM ₁₀ Control Efficiency ¹ (% control)	PM ₁₀ Emission Factor (lb/ton)	PM ₁₀ Emissions (ton/year) $b*g*(1-f)/2000$	PM _{2.5} Emission Factor (lb/ton)	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 ⁵	900,000.0	60%	0.061	10.98	60%	0.034	6.12	0.0058	1.04	
Grain Cleaning ⁶		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		3	0.00	0%	0.75	0.00	0.13	0.00	
	Rack (<50 mesh)		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	



Natural gas combustion (less than 100 million Btu per hour)

If you have a boiler with a rating of more than 100 million Btu per hour, different emission factors must be used (see EPA AP-42 Chapter 1.4).

What is the total maximum rated heat input for your natural gas units?	37643000	Btu per hour	(Check your units)
In the previous 12 months, how many cubic feet of gas were actually used?	26450	cu ft/year	

Natural gas potential and actual emissions

Pollutant	a GWP ¹	b Dryer hourly natural gas usage ² (cu ft/hr) (Btu/hr) / (1020 Btu/cu ft)	c Actual natural gas burned (cu ft/yr)	d Hours in a Year (hr/yr) 24 hrs/day * 365 days/yr	e Emission Factor (lbs/cu ft) by pollutant	Potential Emissions (ton/yr) (b * d * e) / 2000	Actual Emissions (tons/yr) (c * e) / 2000
Criteria air pollutants Source: EPA AP-42 Chapter 1.4							
PM		36904.90	26450.00	8760	0.0000076	1.23	0.00
PM10					0.0000076	1.23	0.00
PM2.5					0.0000076	1.23	0.00
SOx					0.0000006	0.10	0.00
NOx					0.0001	16.16	0.00
VOC					0.0000055	0.89	0.00
CO					0.000084	13.58	0.00
Lead					0.0000000005	0.00	0.00
Greenhouse gas emissions Source: 40 CFR 98, Subp. C, Table C-1 and C-2							
CO ₂ ²	1				0.120	19400.25	1.59
CH ₄ ²	25				0.00000226	0.37	0.00
N ₂ O ²	298				0.00000023	0.04	0.00
GHG Total (CO₂e)³						19420.29	1.59
Hazardous air pollutants Source: EPA AP-42 Chapter 1.4							
Benzene					0.0000000021	0.0003	0.0000
Formaldehyde					0.000000075	0.0121	0.0000
Hexane					0.0000018	0.2910	0.0000
Naphthalene					0.0000000061	0.0001	0.0000
Toluene					0.0000000034	0.0005	0.0000
Arsenic					0.00000000020	0.0000	0.0000
Beryllium					0.00000000012	0.0000	0.0000
Cadmium					0.0000000011	0.0002	0.0000
Chromium					0.0000000014	0.0002	0.0000
Cobalt					0.00000000084	0.0000	0.0000
Manganese					0.00000000038	0.0001	0.0000
Mercury					0.00000000026	0.0000	0.0000
Nickel					0.00000000021	0.0003	0.0000
Selenium					0.00000000024	0.0000	0.0000
HAP total						0.3050	0.0000



Potential emissions: Grain elevators and feed mills

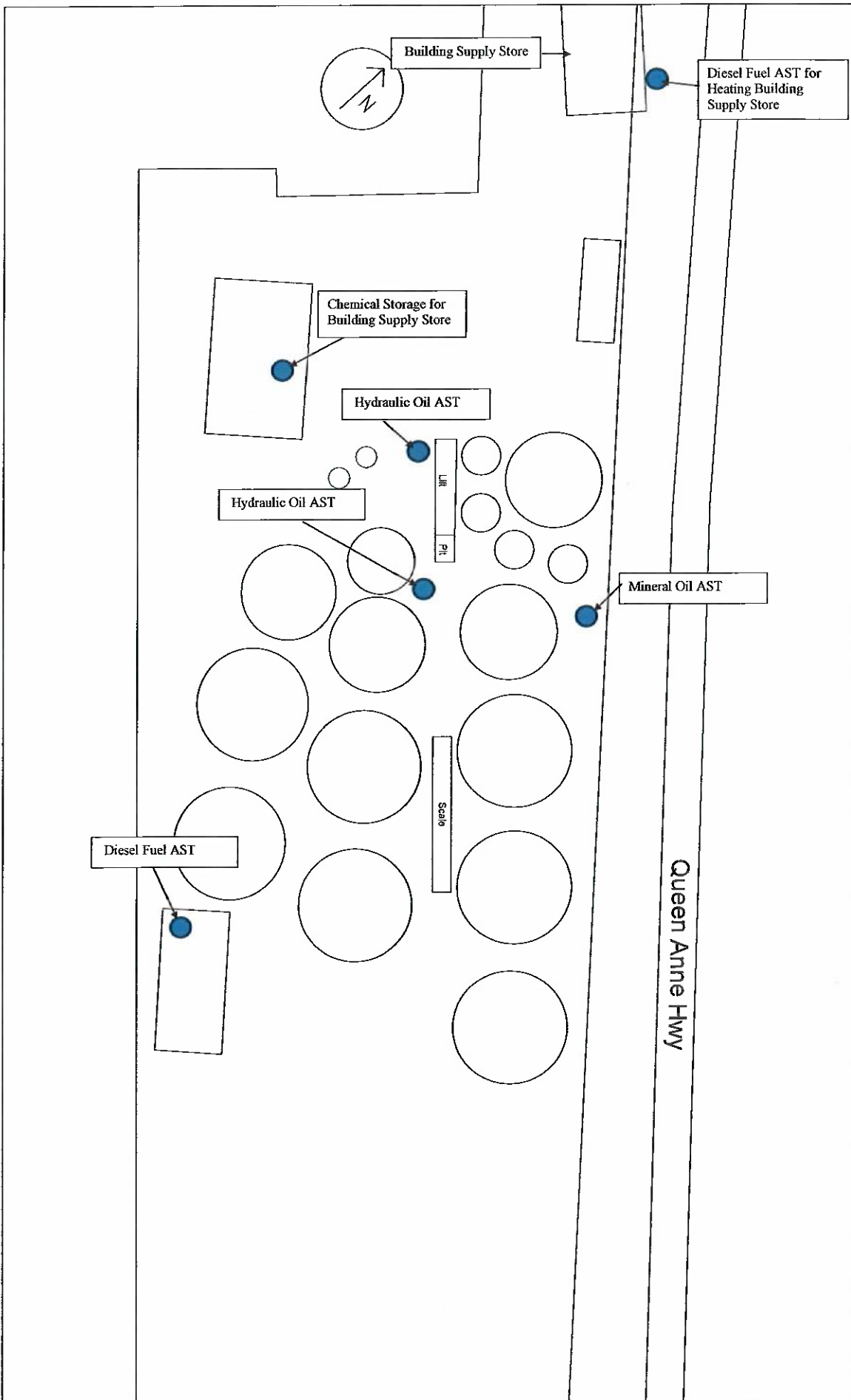
Pollutant	Grain Elevator (ton/yr)	Feed Mill (ton/yr)	Natural Gas (ton/yr)	Propane (ton/yr)	Fugitive (ton/yr)	Potential Emissions (ton/yr)	
Criteria Air Pollutants							
PM	107.85		1.23			109.08	
PM10	38.64		1.23			39.87	
PM2.5	6.59		1.23			7.81	
SO _x			0.10			0.10	
NO _x			16.16			16.16	
VOC			0.89			0.89	
CO			13.58			13.58	
Lead			0.00			0.00	
Greenhouse Gas Emissions							
CO ₂			19400.25			19400.25	
CH ₄			0.37			0.3656	
N ₂ O			0.04			0.0366	
GHG Total CO ₂ e			19420.29			19499.85	
Hazardous Air Pollutants							
Benzene			0.00			0.0003	
Formaldehyde			0.01			0.0121	
Hexane			0.29			0.2910	
Naphthalene			0.00			0.0001	
Toluene			0.00			0.0005	
Arsenic			0.00			0.0000	
Beryllium			0.00			0.0000	
Cadmium			0.00			0.0002	
Chromium			0.00			0.0002	
Cobalt			0.00			0.0000	
Manganese			0.00			0.0001	
Mercury			0.00			0.0000	
Nickel			0.00			0.0003	
Selenium			0.00			0.0000	
HAP Indiv. Max	Hexane					0.2910	
HAP total						0.30	




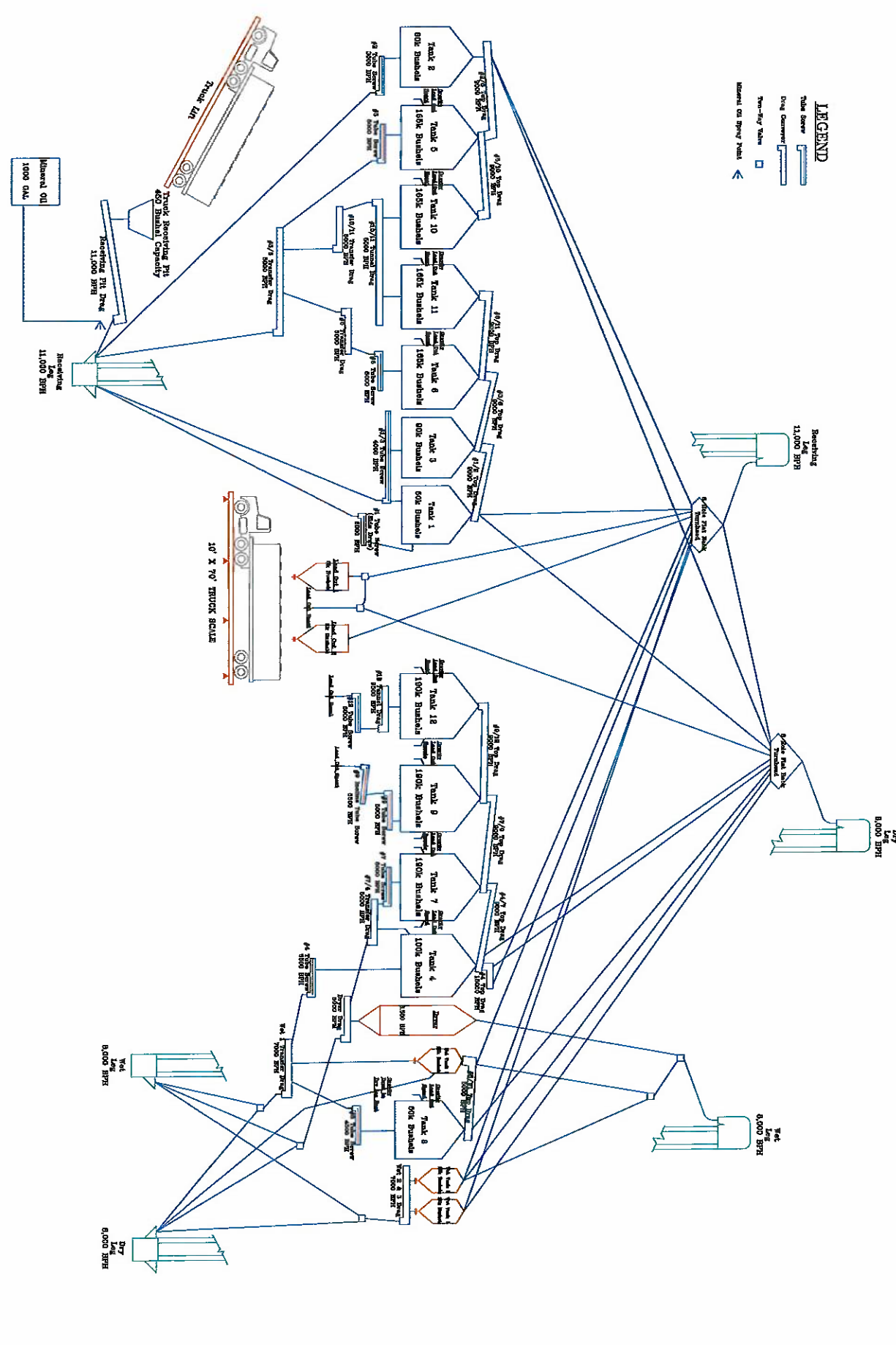
Actual emissions: Grain elevators and feed mills

These pollutant totals represent the information you entered in the blue tabs.

Pollutant	Grain Elevator (ton/yr)	Feed Mill (ton/yr)	Natural Gas (ton/yr)	Propane (ton/yr)	Fugitive (ton/yr)	Actual Emissions (ton/yr)	
Criteria Air Pollutants							
PM	36.39		1.23			37.62	
PM10	13.24		1.23			14.47	
PM2.5	2.26		1.23			3.49	
SOx			0.10			0.10	
NOx			16.16			16.16	
VOC			0.89			0.89	
CO			13.58			13.58	
Lead			0.00			0.00	
Greenhouse Gas Emissions							
CO ₂			1.59			1.59	
CH ₄			0.00			0.0000	
N ₂ O			0.00			0.0000	
GHG Total CO ₂ e			1.59			1.59	
Hazardous Air Pollutants							
Benzene			0.00			0.0000	
Formaldehyde			0.00			0.0000	
Hexane			0.00			0.0000	
Naphthalene			0.00			0.0000	
Toluene			0.00			0.0000	
Arsenic			0.00			0.0000	
Beryllium			0.00			0.0000	
Cadmium			0.00			0.0000	
Chromium			0.00			0.0000	
Cobalt			0.00			0.0000	
Manganese			0.00			0.0000	
Mercury			0.00			0.0000	
Nickel			0.00			0.0000	
Selenium			0.00			0.0000	
HAP Indiv. Max	Hexane					0.0000	
HAP total						0.0000	



D-1 <small>SHEET</small>	<small>SCALE:</small> 1" = 4 ft	<small>DATE:</small> 02/15/24 <small>REV:</small> 0	MOUNTAIRE FARMS	<small>P.O. BOX 1320</small> <small>MILLSBORO,</small> <small>DE 19966</small> <small>BUS: (302) 934-3038</small> <small>FAX: (302) 934-3081</small>	
	<small>DRAWING #</small> XXXX	<small>DRAWN BY:</small> AMS <small>REVISED BY:</small>	<small>TITLE:</small> PRESTON GRAIN		



LEGEND

- Tub Drive
- Long Conveyor
- New-Style Valve
- Material on Spout Valve

A-1
SHEET

SCALE: XXX
DRAWING # XXX

MOUNTAIRE FARMS
TITLE: Preston Process Flow Diagram

DATE: 4/16/24
REV: XXX
DRAWN BY: HDU
REVISED BY:





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/29/2024

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													
	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Hartford Fire Insurance Company</td> <td>19682</td> </tr> <tr> <td>INSURER B : Property & Casualty Insurance Co. of Hartford</td> <td>34690</td> </tr> <tr> <td>INSURER C : Navigators Insurance Company</td> <td>42307</td> </tr> <tr> <td>INSURER D : Twin City Fire Insurance Company</td> <td>29459</td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Hartford Fire Insurance Company	19682	INSURER B : Property & Casualty Insurance Co. of Hartford	34690	INSURER C : Navigators Insurance Company	42307	INSURER D : Twin City Fire Insurance Company	29459	INSURER E :		INSURER F :
INSURER(S) AFFORDING COVERAGE	NAIC #													
INSURER A : Hartford Fire Insurance Company	19682													
INSURER B : Property & Casualty Insurance Co. of Hartford	34690													
INSURER C : Navigators Insurance Company	42307													
INSURER D : Twin City Fire Insurance Company	29459													
INSURER E :														
INSURER F :														


COVERAGES **CERTIFICATE NUMBER:** 78865374 **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
D	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual <input checked="" type="checkbox"/> \$1,000,000 SIR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			38ECSS71202 \$1,000,000 Limit excess of \$1,000,000 SIR	3/1/2024	3/1/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			38CSES71201 \$250,000. Deductible	3/1/2024	3/1/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			CH23UMRZ07CYGIV	3/1/2024	3/1/2025	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	38WNS71200 \$500,000. Deductible	3/1/2024	3/1/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 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**CANCELLATION**

Verification of Coverage	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

© 1988-2015 ACORD CORPORATION. All rights reserved.



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms of Delaware Inc.
COMPANY ADDRESS:	29106 John J Williams Highway, Millsboro, Delaware 19966
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms of Delaware Inc. - Preston Grain Facility
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmccconnell@mountaire.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
BCT 3500 Grain Dryer	

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. <u> 1 </u> Form 5	No. <u> N/A </u> Form 11
No. <u> N/A </u> Form 5T	No. <u> N/A </u> Form 41
No. <u> N/A </u> Form 5EP	No. <u> N/A </u> Form 42
No. <u> N/A </u> Form 6	No. <u> N/A </u> Form 44
No. <u> N/A </u> Form 10	
- 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.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

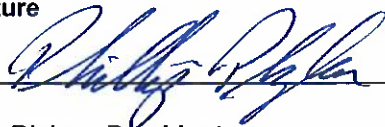
Air and Radiation Management Administration ▪ Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

Permit to Construct

Registration Update

Initial Registration

<p>1A. Owner of Equipment/Company Name Mountaire Farms of Delaware Inc.</p> <hr/> <p>Mailing Address P.O. Box 1320</p> <p>Street Address Millsboro Delaware 19966</p> <p>City State Zip</p> <p>Telephone Number (302) 841-4629</p> <p>Signature </p> <p>Phillip Plylar - President Print Name and Title</p>	<p align="center">DO NOT WRITE IN THIS BLOCK</p> <p align="center">2. REGISTRATION NUMBER</p> <table style="width:100%; border: none;"> <tr> <td style="border: none;">County No.</td> <td style="border: none;">Premises No.</td> </tr> <tr> <td style="border: none;"> <table border="1" style="width:100%; text-align: center;"> <tr><td style="width:50%; height: 20px;"> </td><td style="width:50%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;">1-2</td><td style="font-size: 8px;">3-6</td></tr> </table> </td> <td style="border: none;"> <table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;">7</td><td style="font-size: 8px;">8-11</td><td style="font-size: 8px;"> </td></tr> </table> </td> </tr> <tr> <td style="border: none;">Registration Class</td> <td style="border: none;">Equipment No.</td> </tr> <tr> <td style="border: none;"> <table border="1" style="width:100%; text-align: center;"> <tr><td style="width:50%; height: 20px;"> </td><td style="width:50%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;">12-13</td><td style="font-size: 8px;"> </td></tr> </table> </td> <td style="border: none;"> <table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td></tr> </table> </td> </tr> <tr> <td style="border: none;">Data Year</td> <td style="border: none;">Application Date</td> </tr> <tr> <td style="border: none;"> </td> <td style="border: none;"> </td> </tr> </table>	County No.	Premises No.	<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:50%; height: 20px;"> </td><td style="width:50%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;">1-2</td><td style="font-size: 8px;">3-6</td></tr> </table>			1-2	3-6	<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;">7</td><td style="font-size: 8px;">8-11</td><td style="font-size: 8px;"> </td></tr> </table>				7	8-11		Registration Class	Equipment No.	<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:50%; height: 20px;"> </td><td style="width:50%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;">12-13</td><td style="font-size: 8px;"> </td></tr> </table>			12-13		<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td></tr> </table>							Data Year	Application Date				
County No.	Premises No.																																		
<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:50%; height: 20px;"> </td><td style="width:50%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;">1-2</td><td style="font-size: 8px;">3-6</td></tr> </table>			1-2	3-6	<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;">7</td><td style="font-size: 8px;">8-11</td><td style="font-size: 8px;"> </td></tr> </table>				7	8-11																									
1-2	3-6																																		
7	8-11																																		
Registration Class	Equipment No.																																		
<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:50%; height: 20px;"> </td><td style="width:50%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;">12-13</td><td style="font-size: 8px;"> </td></tr> </table>			12-13		<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td></tr> </table>																														
12-13																																			
Data Year	Application Date																																		
<p>1B. Equipment Location and Telephone Number (if different from above) 3695 Choptank Road</p> <p>Street Number and Street Name</p> <p>Preston Maryland 21655 (302) 841-4629</p> <p>City/Town State Zip Telephone Number</p> <p>Mountaire Farms of Delaware Inc. - Preston Grain Facility</p> <p>Premises Name (if different from above)</p>																																			
<p>3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)</p> <table style="width:100%; border: none;"> <tr> <td style="border: none;">Status</td> <td style="border: none;">New Construction Begun (MM/YY)</td> <td style="border: none;">New Construction Completed (MM/YY)</td> <td style="border: none;">Existing Initial Operation (MM/YY)</td> </tr> <tr> <td style="border: none;"> <table border="1" style="width:100%; text-align: center;"> <tr><td style="width:50%; height: 20px;">C</td><td style="width:50%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;">15</td><td style="font-size: 8px;">16-19</td></tr> </table> </td> <td style="border: none;"> <table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td></tr> </table> </td> <td style="border: none;"> <table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td></tr> </table> </td> <td style="border: none;"> <table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td></tr> </table> </td> </tr> <tr> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> </tr> </table>		Status	New Construction Begun (MM/YY)	New Construction Completed (MM/YY)	Existing Initial Operation (MM/YY)	<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:50%; height: 20px;">C</td><td style="width:50%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;">15</td><td style="font-size: 8px;">16-19</td></tr> </table>	C		15	16-19	<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td></tr> </table>							<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td></tr> </table>							<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td></tr> </table>										
Status	New Construction Begun (MM/YY)	New Construction Completed (MM/YY)	Existing Initial Operation (MM/YY)																																
<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:50%; height: 20px;">C</td><td style="width:50%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;">15</td><td style="font-size: 8px;">16-19</td></tr> </table>	C		15	16-19	<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td></tr> </table>							<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td></tr> </table>							<table border="1" style="width:100%; text-align: center;"> <tr><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td><td style="width:33%; height: 20px;"> </td></tr> <tr><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td><td style="font-size: 8px;"> </td></tr> </table>																
C																																			
15	16-19																																		
<p>4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.) BCT 3500 Grain Dryer - 3500 bph</p>																																			
<p>5. Workmen's Compensation Coverage See attached.</p> <p>Company _____ Binder/Policy Number _____ Expiration Date _____</p> <p>NOTE: 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 Worker's Compensation Act.</p>																																			
<p>6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time <u>1</u></p>																																			
<p>6B. Number of Stack/Emission Points Associated with this Equipment <u>1</u></p>																																			

7. Person Installing this Equipment (if different from Number 1 on Page 1)

Name _____ Title _____
 Company _____
 Mailing Address/Street _____
 City/Town _____ State _____ Telephone (____) _____

8. Major Activity, Product or Service of Company at this Location

Grain Elevator - receives, dries and ships all grains.

9. Control Devices Associated with this Equipment

None

24-0

Simple/Multiple Cyclone	Spray/Adsorb Tower	Venturi Scrubber	Carbon Adsorber	Electrostatic Precipitator	Baghouse	Thermal/Catalytic Afterburner	Dry Scrubber
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24-1	24-2	24-3	24-4	24-5	24-6	24-7	24-8

Other

Describe Mineral oil applied to all grain received.

24-9

10. Annual Fuel Consumption for this Equipment

OIL-1000 GALLONS				SULFUR % GRADE		NATURAL GAS-1000 FT ³				LP GAS-100 GALLONS GRADE			
<input type="checkbox"/>				<input type="checkbox"/>		<input type="checkbox"/>				<input type="checkbox"/>			
26-31				32-33		35-41				42-45			
COAL- TONS				SULFUR %		ASH%		WOOD-TONS		MOISTURE %			
<input type="checkbox"/>				<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>			
46-52				53-55		56-58		59-63		64-65			
OTHER FUELS			<input type="checkbox"/>	ANNUAL AMOUNT CONSUMED			OTHER FUEL			<input type="checkbox"/>	ANNUAL AMOUNT CONSUMED		
(Specify Type)			66-1	(Specify Units of Measure)			(Specify Type)			66-2	(Specify Units of Measure)		
1=Coke 2= COG 3=BFG 4=Other													

11. Operating Schedule (for this Equipment)

Continuous Operation	Batch Process	Hours per Batch	Batch per Week	Hours per Day	Days Per Week	Days per Year
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
67-1	67-2	68-69		70-71	72	73-75
Seasonal Variation in Operation:						
No Variation	Winter Percent	Spring Percent	Summer Percent	Fall Percent	(Total Seasons= 100%)	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
76	77-78	79-80	81-82	83-84		

12. Equivalent Stack Information- is Exhaust through Doors, Windows, etc. Only? (Y/N)

85

If not, then

Height Above Ground (FT)

Inside Diameter at Top

Exit Temperature (°F)

Exit Velocity (FT/SEC)

--	--	--

86-88

--	--	--

89-91

--	--	--	--

92-95

--	--	--

96-98

NOTE:

Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)

Is any of this data to be considered confidential? (Y or N)

INPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	INPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

14. Output Materials (for this equipment)

Process/Product Stream

OUTPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

15. Waste Streams- Solid and Liquid

OUTPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms of Delaware Inc.
COMPANY ADDRESS:	29106 John J Williams Highway, Millsboro, Delaware 19966
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms of Delaware Inc. - Preston Grain Facility
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmccconnell@mountaire.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Grain Turn Heads - Totally enclosed - 8-hole flat back turn heads.	

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. <u> 1 </u> Form 5	No. <u> N/A </u> Form 11
No. <u> N/A </u> Form 5T	No. <u> N/A </u> Form 41
No. <u> N/A </u> Form 5EP	No. <u> N/A </u> Form 42
No. <u> N/A </u> Form 6	No. <u> N/A </u> Form 44
No. <u> N/A </u> Form 10	
- 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.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

Permit to Construct

Registration Update

Initial Registration

1A. Owner of Equipment/Company Name

Mountaire Farms of Delaware Inc.

Mailing Address

P.O. Box 1320

Street Address

Millsboro Delaware 19966
City State Zip

Telephone Number

(302) 841-4629

Signature

Phillip Plylar - President

Print Name and Title

DO NOT WRITE IN THIS BLOCK
2. REGISTRATION NUMBER

County No.

Premises No.

1-2

3-6

Registration Class

Equipment No.

7

8-11

Data Year

12-13

Application Date

04-22-2024

Date

1B. Equipment Location and Telephone Number (if different from above)

3695 Choptank Road

Street Number and Street Name

Preston Maryland 21655 (302) 841-4629
City/Town State Zip Telephone Number

Mountaire Farms of Delaware Inc. - Preston Grain Facility

Premises Name (if different from above)

3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)

Status

New Construction
Begun (MM/YY)

New Construction
Completed (MM/YY)

Existing Initial
Operation (MM/YY)

C

16-19

20-23

20-23

15

16-19

20-23

20-23

4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.)
8-hole flat back grain turn head.

5. Workmen's Compensation Coverage See attached.

Binder/Policy Number

Expiration Date

Company

NOTE: 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 Worker's Compensation Act.

6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 2

6B. Number of Stack/Emission Points Associated with this Equipment None, totally enclosed.



7. Person Installing this Equipment (if different from Number 1 on Page 1)

Name _____ Title _____
 Company _____
 Mailing Address/Street _____
 City/Town _____ State _____ Telephone (____) _____

8. Major Activity, Product or Service of Company at this Location

Grain Elevator - receives, dries and ships all grains.

9. Control Devices Associated with this Equipment

None
 24-0

Simple/Multiple Cyclone	Spray/Adsorb Tower	Venturi Scrubber	Carbon Adsorber	Electrostatic Precipitator	Baghouse	Thermal/Catalytic Afterburner	Dry Scrubber
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24-1	24-2	24-3	24-4	24-5	24-6	24-7	24-8

Other

Describe Turn heads are totally enclosed.
 24-9

10. Annual Fuel Consumption for this Equipment

OIL-1000 GALLONS	SULFUR % GRADE	NATURAL GAS-1000 FT ³	LP GAS-100 GALLONS GRADE
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
26-31	32-33	35-41	42-45

COAL-TONS	SULFUR %	ASH%	WOOD-TONS	MOISTURE %
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
46-52	53-55	56-58	59-63	64-65

OTHER FUELS	<input type="checkbox"/>	ANNUAL AMOUNT CONSUMED	OTHER FUEL	<input type="checkbox"/>	ANNUAL AMOUNT CONSUMED
(Specify Type)	66-1	(Specify Units of Measure)	(Specify Type)	66-2	(Specify Units of Measure)

1=Coke 2=COG 3=BFG 4=Other

11. Operating Schedule (for this Equipment)

Continuous Operation	Batch Process	Hours per Batch	Batch per Week	Hours per Day	Days Per Week	Days per Year
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
67-1	67-2	68-69		70-71	72	73-75

Seasonal Variation in Operation:

No Variation	Winter Percent	Spring Percent	Summer Percent	Fall Percent	(Total Seasons= 100%)
<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	
76	77-78	79-80	81-82	83-84	

12. Equivalent Stack Information- is Exhaust through Doors, Windows, etc. Only? (Y/N) 85

If not, then

Height Above Ground (FT)	Inside Diameter at Top	Exit Temperature (°F)	Exit Velocity (FT/SEC)													
<table border="1" style="display: inline-table; width: 60px; height: 20px;"> <tr> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> </tr> </table>				<table border="1" style="display: inline-table; width: 60px; height: 20px;"> <tr> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> </tr> </table>				<table border="1" style="display: inline-table; width: 60px; height: 20px;"> <tr> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> </tr> </table>					<table border="1" style="display: inline-table; width: 60px; height: 20px;"> <tr> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> </tr> </table>			
86-88	89-91	92-95	96-98													

NOTE:

Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)
 Is any of this data to be considered confidential? (Y or N)

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	INPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

14. Output Materials (for this equipment)
 Process/Product Stream

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

15. Waste Streams- Solid and Liquid

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms of Delaware Inc.
COMPANY ADDRESS:	29106 John J Williams Highway, Millsboro, Delaware 19966
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms of Delaware Inc. - Preston Grain Facility
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmccconnell@mountaire.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Gravity Load-out Devices	

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. <u>1</u> Form 5	No. <u>N/A</u> Form 11
No. <u>N/A</u> Form 5T	No. <u>N/A</u> Form 41
No. <u>N/A</u> Form 5EP	No. <u>N/A</u> Form 42
No. <u>N/A</u> Form 6	No. <u>N/A</u> Form 44
No. <u>N/A</u> Form 10	
- 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.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

Permit to Construct

Registration Update

Initial Registration

1A. Owner of Equipment/Company Name

Mountaire Farms of Delaware Inc.

Mailing Address

P.O. Box 1320

Street Address

Millsboro

Delaware

19966

City

State

Zip

Telephone Number

(302) 841-4629

Signature

Phillip Plylar - President

Print Name and Title

DO NOT WRITE IN THIS BLOCK
2. REGISTRATION NUMBER

County No.

Premises No.

Registration grid for County No.

Registration grid for Premises No.

1-2

3-6

Registration Class

Equipment No.

Registration grid for Registration Class

Registration grid for Equipment No.

7

8-11

Data Year

Registration grid for Data Year

12-13

Application Date

04-22-2024

Date

1B. Equipment Location and Telephone Number (if different from above)

3695 Choptank Road

Street Number and Street Name

Preston

Maryland

21655

(302) 841-4629

City/Town

State

Zip

Telephone Number

Mountaire Farms of Delaware Inc. - Preston Grain Facility

Premises Name (if different from above)

3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)

Status

Status box containing 'C'

15

New Construction Begun (MM/YY)

Registration grid for New Construction Begun

16-19

New Construction Completed (MM/YY)

Registration grid for New Construction Completed

20-23

Existing Initial Operation (MM/YY)

Registration grid for Existing Initial Operation

20-23

4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.)

Gravity load out devices connected to grain storage tanks. 6,000 bph each

5. Workmen's Compensation Coverage See attached

Binder/Policy Number

Expiration Date

Company

NOTE: 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 Worker's Compensation Act.

6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 12

6B. Number of Stack/Emission Points Associated with this Equipment 12



7. Person Installing this Equipment (if different from Number 1 on Page 1)

Name _____ Title _____
 Company _____
 Mailing Address/Street _____
 City/Town _____ State _____ Telephone (____) _____

8. Major Activity, Product or Service of Company at this Location

Grain Elevator - receives, dries and ships all grains.

9. Control Devices Associated with this Equipment

None

 24-0

Simple/Multiple Cyclone <input type="checkbox"/> 24-1	Spray/Adsorb Tower <input type="checkbox"/> 24-2	Venturi Scrubber <input type="checkbox"/> 24-3	Carbon Adsorber <input type="checkbox"/> 24-4	Electrostatic Precipitator <input type="checkbox"/> 24-5	Baghouse <input type="checkbox"/> 24-6	Thermal/Catalytic Afterburner <input type="checkbox"/> 24-7	Dry Scrubber <input type="checkbox"/> 24-8
--	---	---	--	---	--	--	---

Other

Describe Mineral oil applied to all grains received.
 24-9

10. Annual Fuel Consumption for this Equipment

OIL-1000 GALLONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 26-31	SULFUR % GRADE <input type="text"/> <input type="text"/> 32-33	GRADE <input type="text"/> 34	NATURAL GAS-1000 FT ³ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 35-41	LP GAS-100 GALLONS GRADE <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 42-45
--	--	-------------------------------------	--	--

COAL- TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 46-52	SULFUR % <input type="text"/> <input type="text"/> 53-55	ASH% <input type="text"/> <input type="text"/> 56-58	WOOD-TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 59-63	MOISTURE % <input type="text"/> <input type="text"/> 64-65
--	--	--	---	--

OTHER FUELS (Specify Type) <input type="text"/> 66-1	ANNUAL AMOUNT CONSUMED (Specify Units of Measure)	OTHER FUEL (Specify Type) <input type="text"/> 66-2	ANNUAL AMOUNT CONSUMED (Specify Units of Measure)
---	--	--	--

1= Coke 2= COG 3=BFG 4=Other

11. Operating Schedule (for this Equipment)

Continuous Operation <input type="checkbox"/> 67-1	Batch Process <input type="checkbox"/> 67-2	Hours per Batch <input type="text"/> <input type="text"/> 68-69	Batch per Week <input type="text"/> 70-71	Hours per Day <input type="text"/> <input type="text"/> 72	Days Per Week <input type="text"/> 73-75
--	---	---	---	--	--

Seasonal Variation in Operation:
 No Variation 76
 Winter Percent 77-78
 Spring Percent 79-80
 Summer Percent 81-82
 Fall Percent 83-84
 (Total Seasons= 100%)

12. Equivalent Stack Information- is Exhaust through Doors, Windows, etc. Only? (Y/N)

85

If not, then

Height Above Ground (FT)

Inside Diameter at Top

Exit Temperature (°F)

Exit Velocity (FT/SEC)

--	--	--

86-88

--	--	--

89-91

--	--	--	--

92-95

--	--	--

96-98

NOTE:

Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)

Is any of this data to be considered confidential? (Y or N)

INPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	INPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

14. Output Materials (for this equipment)

Process/Product Stream

OUTPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

15. Waste Streams - Solid and Liquid

OUTPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms of Delaware Inc.
COMPANY ADDRESS:	29106 John J Williams Highway, Millsboro, Delaware 19966
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms of Delaware Inc. - Preston Grain Facility
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmccconnell@mountaire.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Overhead Grain Transfer Drags (8@ 9,000 bph, 1@ 15,000 bph, 1@ 8,000 bph)	

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. <u>1</u> Form 5	No. <u>N/A</u> Form 11
No. <u>N/A</u> Form 5T	No. <u>N/A</u> Form 41
No. <u>N/A</u> Form 5EP	No. <u>N/A</u> Form 42
No. <u>N/A</u> Form 6	No. <u>N/A</u> Form 44
No. <u>N/A</u> Form 10	
- 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.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

Permit to Construct Registration Update Initial Registration

1A. Owner of Equipment/Company Name

Mountaire Farms of Delaware Inc.

Mailing Address

P.O. Box 1320

Street Address

Millsboro Delaware 19966
City State Zip

Telephone Number

(302) 841-4629

Signature



Phillip Plylar - President

Print Name and Title

**DO NOT WRITE IN THIS BLOCK
2. REGISTRATION NUMBER**

County No.

Premises No.

--	--

--	--	--	--

1-2

3-6

Registration Class

Equipment No.

--

--	--	--	--

7

8-11

Data Year

--	--

12-13

Application Date

04-22-24

Date

1B. Equipment Location and Telephone Number (if different from above)

3695 Choptank Road

Street Number and Street Name

Preston Maryland 21655 (302) 841-4629
City/Town State Zip Telephone Number

Mountaire Farms of Delaware Inc. - Preston Grain Facility

Premises Name (if different from above)

3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)

Status	New Construction Begun (MM/YY)	New Construction Completed (MM/YY)	Existing Initial Operation (MM/YY)												
C 15	<table border="1"> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> 16-19					<table border="1"> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> 20-23					<table border="1"> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> 20-23				

4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.)
Overhead Grain Transfer Drags

5. Workmen's Compensation Coverage See attached

Binder/Policy Number

Expiration Date

Company

NOTE: 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 Worker's Compensation Act.

6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 10

6B. Number of Stack/Emission Points Associated with this Equipment None, totally enclosed.

7. Person Installing this Equipment (if different from Number 1 on Page 1)

Name _____ Title _____
 Company _____
 Mailing Address/Street _____
 City/Town _____ State _____ Telephone (____) _____

8. Major Activity, Product or Service of Company at this Location

Grain Elevator - receives, dries and ships all grains.

9. Control Devices Associated with this Equipment

None
 24-0

Simple/Multiple Cyclone <input type="checkbox"/> 24-1	Spray/Adsorb Tower <input type="checkbox"/> 24-2	Venturi Scrubber <input type="checkbox"/> 24-3	Carbon Adsorber <input type="checkbox"/> 24-4	Electrostatic Precipitator <input type="checkbox"/> 24-5	Baghouse <input type="checkbox"/> 24-6	Thermal/Catalytic Afterburner <input type="checkbox"/> 24-7	Dry Scrubber <input type="checkbox"/> 24-8
---	--	--	---	--	--	---	--

Other

Describe Equipment is totally enclosed.
 24-9

10. Annual Fuel Consumption for this Equipment

OIL-1000 GALLONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 26-31	SULFUR % GRADE <input type="text"/> <input type="text"/> 32-33	GRADE <input type="text"/> 34	NATURAL GAS-1000 FT ³ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 35-41	LP GAS-100 GALLONS GRADE <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 42-45
--	--	-------------------------------------	--	--

COAL- TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 46-52	SULFUR % <input type="text"/> <input type="text"/> 53-55	ASH% <input type="text"/> <input type="text"/> 56-58	WOOD-TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 59-63	MOISTURE % <input type="text"/> <input type="text"/> 64-65
--	--	--	---	--

OTHER FUELS (Specify Type) <input type="text"/> 66-1	ANNUAL AMOUNT CONSUMED (Specify Units of Measure)	OTHER FUEL (Specify Type) <input type="text"/> 66-2	ANNUAL AMOUNT CONSUMED (Specify Units of Measure)
---	--	--	--

1= Coke 2= COG 3=BFG 4=Other

11. Operating Schedule (for this Equipment)

Continuous Operation <input type="checkbox"/> 67-1	Batch Process <input type="checkbox"/> 67-2	Hours per Batch <input type="text"/> <input type="text"/> 68-69	Batch per Week <input type="text"/> 70-71	Hours per Day <input type="text"/> <input type="text"/> 72	Days Per Week <input type="text"/> 73-75
--	---	---	---	--	--

Seasonal Variation in Operation:
 No Variation 76
 Winter Percent 77-78
 Spring Percent 79-80
 Summer Percent 81-82
 Fall Percent 83-84
 (Total Seasons= 100%)

12. Equivalent Stack Information- is Exhaust through Doors, Windows, etc. Only? (Y/N)

85

If not, then

Height Above Ground (FT)

Inside Diameter at Top

Exit Temperature (°F)

Exit Velocity (FT/SEC)

--	--	--

86-88

--	--	--

89-91

--	--	--	--

92-95

--	--	--

96-98

NOTE:

Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)

Is any of this data to be considered confidential? (Y or N)

INPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	INPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

14. Output Materials (for this equipment)

Process/Product Stream

OUTPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

15. Waste Streams- Solid and Liquid

OUTPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter See attached air emissions 99-104	Oxides of Sulfur 105-110	Oxides of Nitrogen 111-116
Carbon Monoxide 177-122	Volatile Organic Compounds 123-128	PM-10 129-134

17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter See attached air emissions 135-139	Oxides of Sulfur 140-144	Oxides of Nitrogen 145-149
Carbon Monoxide 150-154	Volatile Organic Compounds 155-159	PM-10 160-164

Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other)

TSP 165	SOX 166	NOX 167	CO 168	VOC 169	PM10 170
------------	------------	------------	-----------	------------	-------------

AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY

18. Date Rec'd. Local _____ **Date Rec'd. State** _____ **Return to Local Jurisdiction**
 Date _____ By _____
Reviewed by Local Jurisdiction Date _____ By _____ **Reviewed by State** Date _____ By _____

19. Inventory Date _____ **Month/Year** _____ **Equipment Code** _____ **SCC Code** _____
 171-174 175-177 178-185

20. Annual Operating Rate _____ **Maximum Design Hourly Rate** _____ **Permit to Operate Month** _____ **Transaction Date (MM/DD/YR)** _____
 186-192 193-199 200-201 202-207

Staff Code 208-210	VOC Code 211 212	SIP Code 213 214	Regulation Code 215-218	Confidentiality 219
Point Description 220-238				Action 239 A: Add C: Change



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms of Delaware Inc.
COMPANY ADDRESS:	29106 John J Williams Highway, Millsboro, Delaware 19966
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms of Delaware Inc. - Preston Grain Facility
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle Mcconnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmccconnell@mountaire.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Transfer Drags (5@ 5000 bph, 1@ 7000 bph)	

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. <u> 1 </u> Form 5	No. <u> N/A </u> Form 11
No. <u> N/A </u> Form 5T	No. <u> N/A </u> Form 41
No. <u> N/A </u> Form 5EP	No. <u> N/A </u> Form 42
No. <u> N/A </u> Form 6	No. <u> N/A </u> Form 44
No. <u> N/A </u> Form 10	
- 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.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

Permit to Construct

Registration Update

Initial Registration

1A. Owner of Equipment/Company Name

Mountaire Farms of Delaware Inc.

Mailing Address

P.O. Box 1320

Street Address

Millsboro

Delaware

19966

City

State

Zip

Telephone Number

(302) 841-4629

Signature

Phillip Plylar - President

Print Name and Title

04-22-2024

Date

1B. Equipment Location and Telephone Number (if different from above)

3695 Choptank Road

Street Number and Street Name

Preston

Maryland

21655

(302) 841-4629

City/Town

State

Zip

Telephone Number

Mountaire Farms of Delaware Inc. - Preston Grain Facility

Premises Name (if different from above)

3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)

Status

C

15

New Construction
Begun (MM/YY)

16-19

16-19

New Construction
Completed (MM/YY)

20-23

20-23

Existing Initial
Operation (MM/YY)

20-23

20-23

4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.)
See equipment list attached.

5. Workmen's Compensation Coverage See attached

Binder/Policy Number

Expiration Date

Company

NOTE: 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 Worker's Compensation Act.

6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 6

6B. Number of Stack/Emission Points Associated with this Equipment None, totally enclosed.



7. Person Installing this Equipment (if different from Number 1 on Page 1)

Name _____ Title _____
 Company _____
 Mailing Address/Street _____
 City/Town _____ State _____ Telephone (____) _____

8. Major Activity, Product or Service of Company at this Location

Grain Elevator - receives, dries and ships all grains.

9. Control Devices Associated with this Equipment

None
 24-0

Simple/Multiple Cyclone <input type="checkbox"/> 24-1	Spray/Adsorb Tower <input type="checkbox"/> 24-2	Venturi Scrubber <input type="checkbox"/> 24-3	Carbon Adsorber <input type="checkbox"/> 24-4	Electrostatic Precipitator <input type="checkbox"/> 24-5	Baghouse <input type="checkbox"/> 24-6	Thermal/Catalytic Afterburner <input type="checkbox"/> 24-7	Dry Scrubber <input type="checkbox"/> 24-8
---	--	--	---	--	--	---	--

Other

Describe Equipment is totally enclosed.
 24-9

10. Annual Fuel Consumption for this Equipment

OIL-1000 GALLONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 26-31	SULFUR % GRADE <input type="text"/> <input type="text"/> 32-33	GRADE <input type="text"/> 34	NATURAL GAS-1000 FT ³ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 35-41	LP GAS-100 GALLONS GRADE <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 42-45
---	--	-------------------------------------	--	--

COAL- TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 46-52	SULFUR % <input type="text"/> <input type="text"/> 53-55	ASH% <input type="text"/> <input type="text"/> 56-58	WOOD-TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 59-63	MOISTURE % <input type="text"/> <input type="text"/> 64-65
---	--	--	---	--

OTHER FUELS (Specify Type) <input type="text"/> 66-1	ANNUAL AMOUNT CONSUMED (Specify Units of Measure)	OTHER FUEL (Specify Type) <input type="text"/> 66-2	ANNUAL AMOUNT CONSUMED (Specify Units of Measure)
---	--	--	--

1=Coke 2= COG 3=BFG 4=Other

11. Operating Schedule (for this Equipment)

Continuous Operation <input type="checkbox"/> 67-1	Batch Process <input type="checkbox"/> 67-2	Hours per Batch <input type="text"/> <input type="text"/> 68-69	Batch per Week <input type="text"/> 70-71	Hours per Day <input type="text"/> <input type="text"/> 72	Days Per Week <input type="text"/> 73-75
--	---	---	---	--	--

Seasonal Variation in Operation:
 No Variation 76
 Winter Percent 77-78
 Spring Percent 79-80
 Summer Percent 81-82
 Fall Percent 83-84
 (Total Seasons= 100%)

12. Equivalent Stack Information- is Exhaust through Doors, Windows, etc. Only? (Y/N) 85

If not, then

Height Above Ground (FT)	Inside Diameter at Top	Exit Temperature (°F)	Exit Velocity (FT/SEC)
<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
86-88	89-91	92-95	96-98

NOTE:

Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)
Is any of this data to be considered confidential? (Y or N)

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	INPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

14. Output Materials (for this equipment)
Process/Product Stream

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

15. Waste Streams - Solid and Liquid

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter See attached air emissions 99-104	Oxides of Sulfur 105-110	Oxides of Nitrogen 111-116
Carbon Monoxide 177-122	Volatile Organic Compounds 123-128	PM-10 129-134

17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter See attached air emissions 135-139	Oxides of Sulfur 140-144	Oxides of Nitrogen 145-149
Carbon Monoxide 150-154	Volatile Organic Compounds 155-159	PM-10 160-164

Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other)

TSP <input type="checkbox"/> 165	SOX <input type="checkbox"/> 166	NOX <input type="checkbox"/> 167	CO <input type="checkbox"/> 168	VOC <input type="checkbox"/> 169	PM10 <input type="checkbox"/> 170
--	--	--	---------------------------------------	--	---

AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY

18. Date Rec'd. Local _____	Date Rec'd. State _____	Return to Local Jurisdiction Date _____ By _____
Reviewed by Local Jurisdiction Date _____ By _____	Reviewed by State Date _____ By _____	

19. Inventory Date Month/Year _____ 171-174	Equipment Code _____ 175-177	SCC Code _____ 178-185
---	---	-------------------------------------

20. Annual Operating Rate _____ 186-192	Maximum Design Hourly Rate _____ 193-199	Permit to Operate Month _____ 200-201	Transaction Date (MM/DD/YR) _____ 202-207
--	---	--	--

Staff Code _____ 208-210	VOC Code _____ 211 212	SIP Code _____ 213 214	Regulation Code _____ 215-218	Confidentiality <input type="checkbox"/> 219
Point Description _____				Action <input type="checkbox"/> A: Add <input type="checkbox"/> C: Change 239
220-238				



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms of Delaware Inc.
COMPANY ADDRESS:	29106 John J Williams Highway, Millsboro, Delaware 19966
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms of Delaware Inc. - Preston Grain Facility
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmccconnell@mountaire.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Grain Truck Receiving Pit 450 bushel capacity	

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. <u>1</u> Form 5	No. <u>N/A</u> Form 11
No. <u>N/A</u> Form 5T	No. <u>N/A</u> Form 41
No. <u>N/A</u> Form 5EP	No. <u>N/A</u> Form 42
No. <u>N/A</u> Form 6	No. <u>N/A</u> Form 44
No. <u>N/A</u> Form 10	
- 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.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

Permit to Construct

Registration Update

Initial Registration

1A. Owner of Equipment/Company Name

Mountaire Farms of Delaware Inc.

Mailing Address

P.O. Box 1320

Street Address

Millsboro

Delaware

19966

City

State

Zip

Telephone Number

(302) 841-4629

Signature

Phillip Plylar - President

Print Name and Title

DO NOT WRITE IN THIS BLOCK
2. REGISTRATION NUMBER

County No.

Premises No.

Registration grid for County No.

Registration grid for Premises No.

1-2

3-6

Registration Class

Equipment No.

Registration grid for Registration Class

Registration grid for Equipment No.

7

8-11

Data Year

Registration grid for Data Year

12-13

Application Date

04-22-2024

Date

1B. Equipment Location and Telephone Number (if different from above)

3695 Choptank Road

Street Number and Street Name

Preston

Maryland

21655

(302) 841-4629

City/Town

State

Zip

Telephone Number

Mountaire Farms of Delaware Inc. - Preston Grain Facility

Premises Name (if different from above)

3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)

Status

Status box containing 'C'

15

New Construction Begun (MM/YY)

Registration grid for New Construction Begun

16-19

New Construction Completed (MM/YY)

Registration grid for New Construction Completed

20-23

Existing Initial Operation (MM/YY)

Registration grid for Existing Initial Operation

20-23

4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.)

450 bushel capacity receiving pit.

5. Workmen's Compensation Coverage See attached.

Binder/Policy Number

Expiration Date

Company

NOTE: 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 Worker's Compensation Act.

6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 1

6B. Number of Stack/Emission Points Associated with this Equipment 1



7. Person Installing this Equipment (if different from Number 1 on Page 1)

Name _____ Title _____
 Company _____
 Mailing Address/Street _____
 City/Town _____ State _____ Telephone (____) _____

8. Major Activity, Product or Service of Company at this Location

Grain Elevator - receives, dries and ships all grains.

9. Control Devices Associated with this Equipment

None

 24-0

Simple/Multiple Cyclone	Spray/Adsorb Tower	Venturi Scrubber	Carbon Adsorber	Electrostatic Precipitator	Baghouse	Thermal/Catalytic Afterburner	Dry Scrubber
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24-1	24-2	24-3	24-4	24-5	24-6	24-7	24-8

Other

Describe Dust control by Wings Baffle System
 24-9

10. Annual Fuel Consumption for this Equipment

OIL-1000 GALLONS <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 26-31	SULFUR % GRADE <input type="checkbox"/> <input type="checkbox"/> 32-33	GRADE <input type="checkbox"/> 34	NATURAL GAS-1000 FT ³ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 35-41	LP GAS-100 GALLONS GRADE <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 42-45
COAL- TONS <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 46-52	SULFUR % <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 53-55	ASH% <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 56-58	WOOD-TONS <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 59-63	MOISTURE % <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 64-65
OTHER FUELS <input type="checkbox"/> ANNUAL AMOUNT CONSUMED (Specify Type) 66-1 (Specify Units of Measure)	OTHER FUEL <input type="checkbox"/> ANNUAL AMOUNT CONSUMED (Specify Type) 66-2 (Specify Units of Measure)			

1=Coke 2= COG 3=BFG 4=Other

11. Operating Schedule (for this Equipment)

Continuous Operation <input type="checkbox"/> 67-1	Batch Process <input type="checkbox"/> 67-2	Hours per Batch <input type="checkbox"/> <input type="checkbox"/> 68-69	Batch per Week <input type="checkbox"/> 70-71	Hours per Day <input type="checkbox"/> <input type="checkbox"/> 72	Days Per Week <input type="checkbox"/> 73-75
Seasonal Variation in Operation:					
No Variation <input type="checkbox"/> 76	Winter Percent <input type="checkbox"/> <input type="checkbox"/> 77-78	Spring Percent <input type="checkbox"/> <input type="checkbox"/> 79-80	Summer Percent <input type="checkbox"/> <input type="checkbox"/> 81-82	Fall Percent <input type="checkbox"/> <input type="checkbox"/> 83-84	(Total Seasons= 100%)

12. Equivalent Stack Information- is Exhaust through Doors, Windows, etc. Only? (Y/N)

85

If not, then

Height Above Ground (FT)

Inside Diameter at Top

Exit Temperature (°F)

Exit Velocity (FT/SEC)

--	--	--

86-88

--	--	--

89-91

--	--	--	--

92-95

--	--	--

96-98

NOTE:

Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)

Is any of this data to be considered confidential? (Y or N)

INPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	INPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

14. Output Materials (for this equipment)

Process/Product Stream

OUTPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

15. Waste Streams - Solid and Liquid

OUTPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter See attached air emissions 99-104	Oxides of Sulfur 105-110	Oxides of Nitrogen 111-116
Carbon Monoxide 177-122	Volatile Organic Compounds 123-128	PM-10 129-134

17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter See attached air emissions 135-139	Oxides of Sulfur 140-144	Oxides of Nitrogen 145-149
Carbon Monoxide 150-154	Volatile Organic Compounds 155-159	PM-10 160-164

Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other)

TSP <input type="checkbox"/> 165	SOX <input type="checkbox"/> 166	NOX <input type="checkbox"/> 167	CO <input type="checkbox"/> 168	VOC <input type="checkbox"/> 169	PM10 <input type="checkbox"/> 170
--	--	--	---------------------------------------	--	---

AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY

18. Date Rec'd. Local _____	Date Rec'd. State _____	Return to Local Jurisdiction Date _____ By _____
Reviewed by Local Jurisdiction Date _____ By _____	Reviewed by State Date _____ By _____	

19. Inventory Date _____	Month/Year ____	Equipment Code ____	SCC Code _____
	171-174	175-177	178-185

20. Annual Operating Rate _____	Maximum Design Hourly Rate _____	Permit to Operate Month ____	Transaction Date (MM/DD/YR) _____
186-192	193-199	200-201	202-207

Staff Code ____	VOC Code ____	SIP Code ____	Regulation Code ____	Confidentiality <input type="checkbox"/>
208-210	211 212	213 214	215-218	219
Point Description _____				Action <input type="checkbox"/>
220-238				239 A: Add C: Change



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms of Delaware Inc.
COMPANY ADDRESS:	29106 John J Williams Highway, Millsboro, Delaware 19966
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms of Delaware Inc. - Preston Grain Facility
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmccconnell@mountaire.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Tube Transfer / Load-out Screws (See attached equipment list)	

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. <u>1</u> Form 5	No. <u>N/A</u> Form 11
No. <u>N/A</u> Form 5T	No. <u>N/A</u> Form 41
No. <u>N/A</u> Form 5EP	No. <u>N/A</u> Form 42
No. <u>N/A</u> Form 6	No. <u>N/A</u> Form 44
No. <u>N/A</u> Form 10	
- 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.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

Permit to Construct

Registration Update

Initial Registration

1A. Owner of Equipment/Company Name

Mountaire Farms of Delaware Inc.

Mailing Address

P.O. Box 1320

Street Address

Millsboro Delaware 19966
City State Zip

Telephone Number

(302) 841-4629

Signature



Phillip Plylar - President

Print Name and Title

DO NOT WRITE IN THIS BLOCK
2. REGISTRATION NUMBER

County No.

Premises No.

--	--

--	--	--	--

1-2

3-6

Registration Class

Equipment No.

--

--	--	--	--

7

8-11

Data Year

--	--

12-13

Application Date

04-22-24

Date

1B. Equipment Location and Telephone Number (if different from above)

3695 Choptank Road

Street Number and Street Name

Preston Maryland 21655 (302) 841-4629
City/Town State Zip Telephone Number

Mountaire Farms of Delaware Inc. - Preston Grain Facility

Premises Name (if different from above)

3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)

Status	New Construction Begun (MM/YY)	New Construction Completed (MM/YY)	Existing Initial Operation (MM/YY)
C 15			
	16-19	20-23	20-23

4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.)

Tube Transfer - Load out screws (see attached equipment list)

5. Workmen's Compensation Coverage See attached.

Company _____ Binder/Policy Number _____ Expiration Date _____

NOTE: 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 Worker's Compensation Act.

6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 10

6B. Number of Stack/Emission Points Associated with this Equipment 10



7. Person Installing this Equipment (if different from Number 1 on Page 1)

Name _____ Title _____
 Company _____
 Mailing Address/Street _____
 City/Town _____ State _____ Telephone (____) _____

8. Major Activity, Product or Service of Company at this Location

Grain Elevator - receives, dries and ships all grains.

9. Control Devices Associated with this Equipment

None

 24-0

Simple/Multiple Cyclone	Spray/Adsorb Tower	Venturi Scrubber	Carbon Adsorber	Electrostatic Precipitator	Baghouse	Thermal/Catalytic Afterburner	Dry Scrubber
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24-1	24-2	24-3	24-4	24-5	24-6	24-7	24-8

Other

Describe Mineral oil applied to all grain received.
 24-9

10. Annual Fuel Consumption for this Equipment

OIL-1000 GALLONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 26-31	SULFUR % GRADE <input type="text"/> <input type="text"/> 32-33	GRADE <input type="text"/> 34	NATURAL GAS-1000 FT ³ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 35-41	LP GAS-100 GALLONS GRADE <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 42-45
COAL- TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 46-52	SULFUR % <input type="text"/> <input type="text"/> 53-55	ASH% <input type="text"/> <input type="text"/> 56-58	WOOD-TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 59-63	MOISTURE % <input type="text"/> <input type="text"/> 64-65
OTHER FUELS (Specify Type)	<input type="checkbox"/> ANNUAL AMOUNT CONSUMED (Specify Units of Measure)	OTHER FUEL (Specify Type)	<input type="checkbox"/> ANNUAL AMOUNT CONSUMED (Specify Units of Measure)	
	66-1		66-2	

1=Coke 2= COG 3=BFG 4=Other

11. Operating Schedule (for this Equipment)

Continuous Operation <input type="checkbox"/> 67-1	Batch Process <input type="checkbox"/> 67-2	Hours per Batch <input type="text"/> <input type="text"/> 68-69	Batch per Week <input type="text"/> 70-71	Hours per Day <input type="text"/> <input type="text"/> 72	Days Per Week <input type="text"/> 73-75
Seasonal Variation in Operation:					
No Variation <input type="checkbox"/> 76	Winter Percent <input type="text"/> <input type="text"/> 77-78	Spring Percent <input type="text"/> <input type="text"/> 79-80	Summer Percent <input type="text"/> <input type="text"/> 81-82	Fall Percent <input type="text"/> <input type="text"/> 83-84	(Total Seasons= 100%)

12. Equivalent Stack Information- is Exhaust through Doors, Windows, etc. Only? (Y/N)

85

If not, then

Height Above Ground (FT)

Inside Diameter at Top

Exit Temperature (°F)

Exit Velocity (FT/SEC)

--	--	--

86-88

--	--	--

89-91

--	--	--	--

92-95

--	--	--

96-98

NOTE:

Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)

Is any of this data to be considered confidential? (Y or N)

INPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	INPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

14. Output Materials (for this equipment)

Process/Product Stream

OUTPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

15. Waste Streams- Solid and Liquid

OUTPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter See attached air emissions 99-104	Oxides of Sulfur 105-110	Oxides of Nitrogen 111-116
Carbon Monoxide 177-122	Volatile Organic Compounds 123-128	PM-10 129-134

17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter See attached air emissions 135-139	Oxides of Sulfur 140-144	Oxides of Nitrogen 145-149
Carbon Monoxide 150-154	Volatile Organic Compounds 155-159	PM-10 160-164

Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other)

TSP 165	SOX 166	NOX 167	CO 168	VOC 169	PM10 170
------------	------------	------------	-----------	------------	-------------

AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY

18. Date Rec'd. Local _____ **Date Rec'd. State** _____ **Return to Local Jurisdiction**
 Date _____ By _____
Reviewed by Local Jurisdiction _____ **Reviewed by State** _____
 Date _____ By _____

19. Inventory Date _____ **Month/Year** _____ **Equipment Code** _____ **SCC Code** _____
 171-174 175-177 178-185

20. Annual Operating Rate _____ **Maximum Design Hourly Rate** _____ **Permit to Operate Month** _____ **Transaction Date (MM/DD/YR)** _____
 186-192 193-199 200-201 202-207

Staff Code 208-210	VOC Code 211 212	SIP Code 213 214	Regulation Code 215-218	Confidentiality 219
Point Description 220-238				Action <input type="checkbox"/> A: Add <input type="checkbox"/> C: Change 239



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms of Delaware Inc.
COMPANY ADDRESS:	29106 John J Williams Highway, Millsboro, Delaware 19966
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms of Delaware Inc. - Preston Grain Facility
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmccconnell@mountaire.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Tunnel Grain Drags (1@ 5000 bph, 1@ 9500 bph)	

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. <u> 1 </u> Form 5	No. <u> N/A </u> Form 11
No. <u> N/A </u> Form 5T	No. <u> N/A </u> Form 41
No. <u> N/A </u> Form 5EP	No. <u> N/A </u> Form 42
No. <u> N/A </u> Form 6	No. <u> N/A </u> Form 44
No. <u> N/A </u> Form 10	
- 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.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

Permit to Construct Registration Update Initial Registration

1A. Owner of Equipment/Company Name
Mountaire Farms of Delaware Inc.

Mailing Address

P.O. Box 1320

Street Address

Millsboro Delaware 19966

City State Zip

Telephone Number

(302) 841-4629

Signature

Phillip Plylar

Phillip Plylar - President

Print Name and Title

DO NOT WRITE IN THIS BLOCK

2. REGISTRATION NUMBER

County No.

Premises No.

Registration grid boxes

Premises registration grid boxes

1-2

3-6

Registration Class

Equipment No.

Registration class grid box

Equipment number grid boxes

7

8-11

Data Year

Data year grid boxes

12-13

Application Date

04-22-24

Date

1B. Equipment Location and Telephone Number (if different from above)

3695 Choptank Road

Street Number and Street Name

Preston Maryland 21655 (302) 841-4629

City/Town State Zip Telephone Number

Mountaire Farms of Delaware Inc. - Preston Grain Facility

Premises Name (if different from above)

3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)

Status

New Construction Begun (MM/YY)

New Construction Completed (MM/YY)

Existing Initial Operation (MM/YY)

Status box with 'C'

New Construction Begun grid boxes

New Construction Completed grid boxes

Existing Initial Operation grid boxes

15

16-19

20-23

20-23

4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.)

5. Workmen's Compensation Coverage See attached

Binder/Policy Number

Expiration Date

Company

NOTE: 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 Worker's Compensation Act.

6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 2

6B. Number of Stack/Emission Points Associated with this Equipment None, totally enclosed.



7. Person Installing this Equipment (if different from Number 1 on Page 1)

Name _____ Title _____
 Company _____
 Mailing Address/Street _____
 City/Town _____ State _____ Telephone (____) _____

8. Major Activity, Product or Service of Company at this Location

Grain Elevator - receives, dries and ships all grains.

9. Control Devices Associated with this Equipment

None
 24-0

Simple/Multiple Cyclone <input type="checkbox"/> 24-1	Spray/Adsorb Tower <input type="checkbox"/> 24-2	Venturi Scrubber <input type="checkbox"/> 24-3	Carbon Adsorber <input type="checkbox"/> 24-4	Electrostatic Precipitator <input type="checkbox"/> 24-5	Baghouse <input type="checkbox"/> 24-6	Thermal/Catalytic Afterburner <input type="checkbox"/> 24-7	Dry Scrubber <input type="checkbox"/> 24-8
---	--	--	---	--	--	---	--

Other

Describe Equipment is totally enclosed.
 24-9

10. Annual Fuel Consumption for this Equipment

OIL-1000 GALLONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 26-31	SULFUR % GRADE <input type="text"/> <input type="text"/> 32-33	GRADE <input type="text"/> 34	NATURAL GAS-1000 FT ³ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 35-41	LP GAS-100 GALLONS GRADE <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 42-45
--	--	-------------------------------------	--	--

COAL- TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 46-52	SULFUR % <input type="text"/> <input type="text"/> 53-55	ASH% <input type="text"/> <input type="text"/> 56-58	WOOD-TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 59-63	MOISTURE % <input type="text"/> <input type="text"/> 64-65
--	--	--	---	--

OTHER FUELS (Specify Type) <input type="text"/> 66-1	ANNUAL AMOUNT CONSUMED (Specify Units of Measure)	OTHER FUEL (Specify Type) <input type="text"/> 66-2	ANNUAL AMOUNT CONSUMED (Specify Units of Measure)
---	--	--	--

1= Coke 2= COG 3=BFG 4=Other

11. Operating Schedule (for this Equipment)

Continuous Operation <input type="checkbox"/> 67-1	Batch Process <input type="checkbox"/> 67-2	Hours per Batch <input type="text"/> <input type="text"/> 68-69	Batch per Week <input type="text"/> 70-71	Hours per Day <input type="text"/> <input type="text"/> 72	Days Per Week <input type="text"/> 73-75
--	---	---	---	--	--

Seasonal Variation in Operation:
 No Variation 76
 Winter Percent 77-78
 Spring Percent 79-80
 Summer Percent 81-82
 Fall Percent 83-84
 (Total Seasons= 100%)

12. Equivalent Stack Information- is Exhaust through Doors, Windows, etc. Only? (Y/N)

85

If not, then

Height Above Ground (FT)

Inside Diameter at Top

Exit Temperature (°F)

Exit Velocity (FT/SEC)

--	--	--

86-88

--	--	--

89-91

--	--	--	--

92-95

--	--	--

96-98

NOTE:

Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)

Is any of this data to be considered confidential? (Y or N)

INPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	INPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

14. Output Materials (for this equipment)

Process/Product Stream

OUTPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

15. Waste Streams - Solid and Liquid

OUTPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter
See attached air emissions

99-104

Oxides of Sulfur

105-110

Oxides of Nitrogen

111-116

Carbon Monoxide

177-122

Volatile Organic Compounds

123-128

PM-10

129-134

17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter
See attached air emissions

135-139

Oxides of Sulfur

140-144

Oxides of Nitrogen

145-149

Carbon Monoxide

150-154

Volatile Organic Compounds

155-159

PM-10

160-164

Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other)

TSP

165

SOX

166

NOX

167

CO

168

VOC

169

PM10

170

AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY

18. Date Rec'd. Local _____ Date Rec'd. State _____ Return to Local Jurisdiction
Date _____ By _____

Reviewed by Local Jurisdiction _____ Reviewed by State _____
Date _____ By _____ Date _____ By _____

19. Inventory Date _____ Month/Year _____ Equipment Code _____ SCC Code _____
171-174 175-177 178-185

20. Annual _____ Maximum Design _____ Permit to Operate _____ Transaction Date _____
Operating Rate _____ Hourly Rate _____ Month _____ (MM/DD/YR)
186-192 193-199 200-201 202-207

Staff Code _____ VOC Code _____ SIP Code _____ Regulation Code _____ Confidentiality _____
208-210 211 212 213 214 215-218 219

Point Description _____ Action _____
220-238 A: Add
C: Change
239



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms of Delaware Inc.
COMPANY ADDRESS:	29106 John J Williams Highway, Millsboro, Delaware 19966
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms of Delaware Inc. - Preston Grain Facility
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmccconnell@mountaire.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Wet and Dry Grain Elevator Legs - 8,000 bph each	

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. <u> 1 </u> Form 5	No. <u> N/A </u> Form 11
No. <u> N/A </u> Form 5T	No. <u> N/A </u> Form 41
No. <u> N/A </u> Form 5EP	No. <u> N/A </u> Form 42
No. <u> N/A </u> Form 6	No. <u> N/A </u> Form 44
No. <u> N/A </u> Form 10	
- 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.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd • Baltimore, Maryland 21230
(410) 537-3230 • 1-800-633-6101 • www.mde.state.md.us

Air and Radiation Management Administration • Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

Permit to Construct

Registration Update

Initial Registration

1A. Owner of Equipment/Company Name

Mountaire Farms of Delaware Inc.

Mailing Address

P.O. Box 1320

Street Address

Millsboro

Delaware

19966

City

State

Zip

Telephone Number

(302) 841-4629

Signature

Phillip Plylar - President

Print Name and Title

DO NOT WRITE IN THIS BLOCK
2. REGISTRATION NUMBER

County No.

Premises No.

1-2

3-6

Registration Class

Equipment No.

7

8-11

Data Year

12-13

Application Date

04-22-24

Date

1B. Equipment Location and Telephone Number (if different from above)

3695 Choptank Road

Street Number and Street Name

Preston

Maryland

21655

(302) 841-4629

City/Town

State

Zip

Telephone Number

Mountaire Farms of Delaware Inc. - Preston Grain Facility

Premises Name (if different from above)

3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)

Status

C

15

New Construction
Begun (MM/YY)

16-19

16-19

New Construction
Completed (MM/YY)

20-23

20-23

Existing Initial
Operation (MM/YY)

20-23

20-23

4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.)
Wet and Dry Grain Elevator Legs - 8,000 bph each.

5. Workmen's Compensation Coverage See attached.

Binder/Policy Number

Expiration Date

Company

NOTE: 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 Worker's Compensation Act.

6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 2

6B. Number of Stack/Emission Points Associated with this Equipment None, totally enclosed.



7. Person Installing this Equipment (if different from Number 1 on Page 1)

Name _____ Title _____
 Company _____
 Mailing Address/Street _____
 City/Town _____ State _____ Telephone (____) _____

8. Major Activity, Product or Service of Company at this Location

Grain Elevator - receives, dries and ships all grains.

9. Control Devices Associated with this Equipment

None

24-0

Simple/Multiple Cyclone

 24-1

Spray/Adsorb Tower

 24-2

Venturi Scrubber

 24-3

Carbon Adsorber

 24-4

Electrostatic Precipitator

 24-5

Baghouse

 24-6

Thermal/Catalytic Afterburner

 24-7

Dry Scrubber

 24-8

Other

Describe Both elevator legs are totally enclosed.
 24-9

10. Annual Fuel Consumption for this Equipment

OIL-1000 GALLONS
 26-31

SULFUR % GRADE
 32-33

34

NATURAL GAS-1000 FT³
 35-41

LP GAS-100 GALLONS GRADE
 42-45

COAL-TONS
 46-52

SULFUR %
 53-55

ASH%
 56-58

WOOD-TONS
 59-63

MOISTURE %
 64-65

OTHER FUELS ANNUAL AMOUNT CONSUMED OTHER FUEL ANNUAL AMOUNT CONSUMED
 (Specify Type) 66-1 (Specify Units of Measure) (Specify Type) 66-2 (Specify Units of Measure)
 1=Coke 2= COG 3=BFG 4=Other

11. Operating Schedule (for this Equipment)

Continuous Operation Batch Process Hours per Batch Batch per Week Hours per Day Days Per Week Days per Year
 67-1 67-2 68-69 70-71 72 73-75

Seasonal Variation in Operation:
 No Variation Winter Percent Spring Percent Summer Percent Fall Percent
 76 77-78 79-80 81-82 83-84 (Total Seasons= 100%)

12. Equivalent Stack Information- is Exhaust through Doors, Windows, etc. Only? (Y/N) 85

If not, then

Height Above Ground (FT)	Inside Diameter at Top	Exit Temperature (°F)	Exit Velocity (FT/SEC)
<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
86-88	89-91	92-95	96-98

NOTE:
 Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)
 Is any of this data to be considered confidential? (Y or N)

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	INPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

14. Output Materials (for this equipment)
 Process/Product Stream

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

15. Waste Streams- Solid and Liquid

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter <input type="text" value="See attached air emissions"/> 99-104	Oxides of Sulfur <input type="text"/> 105-110	Oxides of Nitrogen <input type="text"/> 111-116
Carbon Monoxide <input type="text"/> 177-122	Volatile Organic Compounds <input type="text"/> 123-128	PM-10 <input type="text"/> 129-134

17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter <input type="text" value="See attached air emissions"/> 135-139	Oxides of Sulfur <input type="text"/> 140-144	Oxides of Nitrogen <input type="text"/> 145-149
Carbon Monoxide <input type="text"/> 150-154	Volatile Organic Compounds <input type="text"/> 155-159	PM-10 <input type="text"/> 160-164

Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other)

TSP <input type="checkbox"/> 165	SOX <input type="checkbox"/> 166	NOX <input type="checkbox"/> 167	CO <input type="checkbox"/> 168	VOC <input type="checkbox"/> 169	PM10 <input type="checkbox"/> 170
--	--	--	---------------------------------------	--	---

AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY

18. Date Rec'd. Local _____	Date Rec'd. State _____	Return to Local Jurisdiction Date _____ By _____
Reviewed by Local Jurisdiction Date _____ By _____	Reviewed by State Date _____ By _____	

19. Inventory Date _____	Month/Year <input type="text"/> 171-174	Equipment Code <input type="text"/> 175-177	SCC Code <input type="text"/> 178-185
------------------------------------	--	--	--

20. Annual Operating Rate <input type="text"/> 186-192	Maximum Design Hourly Rate <input type="text"/> 193-199	Permit to Operate Month <input type="text"/> 200-201	Transaction Date (MM/DD/YR) <input type="text"/> 202-207
---	--	---	---

Staff Code <input type="text"/> 208-210	VOC Code <input type="text"/> 211 212	SIP Code <input type="text"/> 213 214	Regulation Code <input type="text"/> 215-218	Confidentiality <input type="checkbox"/> 219
Point Description <input type="text"/> 220-238				Action <input type="checkbox"/> A: Add <input type="checkbox"/> C: Change 239



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms of Delaware Inc.
COMPANY ADDRESS:	29106 John J William Highway, Millsboro, Delaware 19966
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms of Delaware Inc. - Preston Grain Facility
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmccconnell@mountaire.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Wet Grain Storage Tanks	

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. <u> 1 </u> Form 5	No. <u> N/A </u> Form 11
No. <u> N/A </u> Form 5T	No. <u> N/A </u> Form 41
No. <u> N/A </u> Form 5EP	No. <u> N/A </u> Form 42
No. <u> N/A </u> Form 6	No. <u> N/A </u> Form 44
No. <u> N/A </u> Form 10	
- 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.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

Permit to Construct

Registration Update

Initial Registration

1A. Owner of Equipment/Company Name

Mountaire Farms of Delaware Inc.

Mailing Address

P.O. Box 1320

Street Address

Millsboro Delaware 19966
City State Zip

Telephone Number

(302) 841-4629

Signature

Phillip Plylar

Phillip Plylar - President

Print Name and Title

DO NOT WRITE IN THIS BLOCK
2. REGISTRATION NUMBER

County No.

--	--

1-2

Premises No.

--	--	--	--

3-6

Registration Class

--

7

Equipment No.

--	--	--	--

8-11

Data Year

--	--

12-13

Application Date

04-22-24

Date

1B. Equipment Location and Telephone Number (if different from above)

3695 Choptank Road

Street Number and Street Name

Preston Maryland 21655 (302) 841-4629
City/Town State Zip Telephone Number

Mountaire Farms of Delaware Inc. - Preston Grain Facility

Premises Name (if different from above)

3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)

Status

C

15

New Construction
Begun (MM/YY)

--	--	--	--

16-19

New Construction
Completed (MM/YY)

--	--	--	--

20-23

Existing Initial
Operation (MM/YY)

--	--	--	--

20-23

4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.)

Wet grain storage tanks

5. Workmen's Compensation Coverage See attached

Binder/Policy Number

Expiration Date

Company

NOTE: 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 Worker's Compensation Act.

6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 3

6B. Number of Stack/Emission Points Associated with this Equipment Bin vents



7. Person Installing this Equipment (if different from Number 1 on Page 1)

Name _____ Title _____
 Company _____
 Mailing Address/Street _____
 City/Town _____ State _____ Telephone (____) _____

8. Major Activity, Product or Service of Company at this Location

Grain Elevator - receives, dries and ships all grains.

9. Control Devices Associated with this Equipment

None

 24-0

Simple/Multiple Cyclone	Spray/Adsorb Tower	Venturi Scrubber	Carbon Adsorber	Electrostatic Precipitator	Baghouse	Thermal/Catalytic Afterburner	Dry Scrubber
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24-1	24-2	24-3	24-4	24-5	24-6	24-7	24-8

Other

Describe Mineral oil applied to all grain received.
 24-9

10. Annual Fuel Consumption for this Equipment

OIL-1000 GALLONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 26-31	SULFUR % <input type="text"/> <input type="text"/> 32-33	GRADE <input type="text"/> 34	NATURAL GAS-1000 FT ³ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 35-41	LP GAS-100 GALLONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 42-45	GRADE <input type="text"/> 43-45
COAL- TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 46-52	SULFUR % <input type="text"/> <input type="text"/> 53-55	ASH% <input type="text"/> <input type="text"/> 56-58	WOOD-TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 59-63	MOISTURE % <input type="text"/> <input type="text"/> 64-65	

OTHER FUELS ANNUAL AMOUNT CONSUMED OTHER FUEL ANNUAL AMOUNT CONSUMED
 (Specify Type) 66-1 (Specify Units of Measure) (Specify Type) 66-2 (Specify Units of Measure)
 1=Coke 2= COG 3=BFG 4=Other

11. Operating Schedule (for this Equipment)

Continuous Operation <input type="checkbox"/> 67-1	Batch Process <input type="checkbox"/> 67-2	Hours per Batch <input type="text"/> <input type="text"/> 68-69	Batch per Week <input type="checkbox"/> 70-71	Hours per Day <input type="text"/> <input type="text"/> 72	Days Per Week <input type="checkbox"/> 73-75
--	---	---	---	--	--

Seasonal Variation in Operation:
 No Variation Winter Percent Spring Percent Summer Percent Fall Percent
 76 77-78 79-80 81-82 83-84 (Total Seasons= 100%)

12. Equivalent Stack Information- is Exhaust through Doors, Windows, etc. Only? (Y/N)

85

If not, then

Height Above Ground (FT)

Inside Diameter at Top

Exit Temperature (°F)

Exit Velocity (FT/SEC)

--	--	--

86-88

--	--	--

89-91

--	--	--	--

92-95

--	--	--

96-98

NOTE:

Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)

Is any of this data to be considered confidential? (Y or N)

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	INPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

14. Output Materials (for this equipment)

Process/Product Stream

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

15. Waste Streams- Solid and Liquid

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter See attached air emissions 99-104	Oxides of Sulfur 105-110	Oxides of Nitrogen 111-116
Carbon Monoxide 177-122	Volatile Organic Compounds 123-128	PM-10 129-134

17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter See attached air emissions 135-139	Oxides of Sulfur 140-144	Oxides of Nitrogen 145-149
Carbon Monoxide 150-154	Volatile Organic Compounds 155-159	PM-10 160-164

Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other)

TSP 165	SOX 166	NOX 167	CO 168	VOC 169	PM10 170
------------	------------	------------	-----------	------------	-------------

AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY

18. Date Rec'd. Local _____ **Date Rec'd. State** _____ **Return to Local Jurisdiction**
 Date _____ By _____
Reviewed by Local Jurisdiction _____ **Reviewed by State** _____
 Date _____ By _____

19. Inventory Date _____ **Month/Year** _____ **Equipment Code** _____ **SCC Code** _____
 171-174 175-177 178-185

20. Annual Operating Rate _____ **Maximum Design Hourly Rate** _____ **Permit to Operate Month** _____ **Transaction Date (MM/DD/YR)** _____
 186-192 193-199 200-201 202-207

Staff Code _____ **VOC Code** _____ **SIP Code** _____ **Regulation Code** _____ **Confidentiality** _____
 208-210 211 212 213 214 215-218 219

Point Description _____ **Action** _____
 220-238 A: Add C: Change 239



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms of Delaware Inc.
COMPANY ADDRESS:	29106 John J Williams Highway, Millsboro, Delaware 19966
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms of Delaware Inc. - Preston Grain Facility
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmccconnell@mountaire.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Grain Receiving Elevator Leg - 11,000 bph	

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. <u> 1 </u> Form 5	No. <u> N/A </u> Form 11
No. <u> N/A </u> Form 5T	No. <u> N/A </u> Form 41
No. <u> N/A </u> Form 5EP	No. <u> N/A </u> Form 42
No. <u> N/A </u> Form 6	No. <u> N/A </u> Form 44
No. <u> N/A </u> Form 10	
- 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.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
 (410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

Permit to Construct Registration Update Initial Registration

1A. Owner of Equipment/Company Name

Mountaire Farms of Delaware Inc.

Mailing Address

P.O. Box 1320

Street Address

Millsboro Delaware 19966

City State Zip

Telephone Number

(302) 841-4629

Signature



Phillip Plylar - President

Print Name and Title

DO NOT WRITE IN THIS BLOCK

2. REGISTRATION NUMBER

County No.

--	--

1-2

Premises No.

--	--	--	--

3-6

Registration Class

--

7

Equipment No.

--	--	--	--

8-11

Data Year

--	--

12-13

Application Date

04-22-24

Date

1B. Equipment Location and Telephone Number (if different from above)

3695 Choptank Road

Street Number and Street Name

Preston Maryland 21655 (302) 841-4629

City/Town State Zip Telephone Number

Mountaire Farms of Delaware Inc. - Preston Grain Facility

Premises Name (if different from above)

3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)

Status

C

15

New Construction
Begun (MM/YY)

--	--	--	--

16-19

New Construction
Completed (MM/YY)

--	--	--	--

20-23

Existing Initial
Operation (MM/YY)

--	--	--	--

20-23

4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.)

Grain receiving leg - 11,000 bph

5. Workmen's Compensation Coverage See attached.

Binder/Policy Number

Expiration Date

Company

NOTE: 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 Worker's Compensation Act.

6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 1

6B. Number of Stack/Emission Points Associated with this Equipment None, totally enclosed.



7. Person Installing this Equipment (if different from Number 1 on Page 1)

Name _____ Title _____
 Company _____
 Mailing Address/Street _____
 City/Town _____ State _____ Telephone (____) _____

8. Major Activity, Product or Service of Company at this Location

9. Control Devices Associated with this Equipment

None
 24-0

Simple/Multiple Cyclone	Spray/Adsorb Tower	Venturi Scrubber	Carbon Adsorber	Electrostatic Precipitator	Baghouse	Thermal/Catalytic Afterburner	Dry Scrubber
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24-1	24-2	24-3	24-4	24-5	24-6	24-7	24-8

Other

Describe Elevator leg is totally enclosed.
 24-9

10. Annual Fuel Consumption for this Equipment

OIL-1000 GALLONS	SULFUR %	GRADE	NATURAL GAS-1000 FT ³	LP GAS-100 GALLONS	GRADE
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
26-31	32-33	34	35-41	42-45	
COAL- TONS	SULFUR %	ASH%	WOOD-TONS	MOISTURE %	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	
46-52	53-55	56-58	59-63	64-65	
OTHER FUELS	<input type="checkbox"/> ANNUAL AMOUNT CONSUMED	OTHER FUEL	<input type="checkbox"/> ANNUAL AMOUNT CONSUMED		
(Specify Type)	66-1 (Specify Units of Measure)	(Specify Type)	66-2 (Specify Units of Measure)		
1= Coke 2= COG 3=BFG 4=Other					

11. Operating Schedule (for this Equipment)

Continuous Operation	Batch Process	Hours per Batch	Batch per Week	Hours per Day	Days Per Week	Days per Year
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
67-1	67-2	68-69		70-71	72	73-75
Seasonal Variation in Operation:						
No Variation	Winter Percent	Spring Percent	Summer Percent	Fall Percent	(Total Seasons= 100%)	
<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>		
76	77-78	79-80	81-82	83-84		

12. Equivalent Stack Information- is Exhaust through Doors, Windows, etc. Only? (Y/N)

85

If not, then

Height Above Ground (FT)

Inside Diameter at Top

Exit Temperature (°F)

Exit Velocity (FT/SEC)

--	--	--

86-88

--	--	--

89-91

--	--	--	--

92-95

--	--	--

96-98

NOTE:

Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)

Is any of this data to be considered confidential? (Y or N)

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	INPUT RATE		
				UNITS	PER YEAR	UNITS
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

14. Output Materials (for this equipment)

Process/Product Stream

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		
				UNITS	PER YEAR	UNITS
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

15. Waste Streams- Solid and Liquid

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		
				UNITS	PER YEAR	UNITS
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter <input type="text" value="See attached air emissions"/> 99-104	Oxides of Sulfur <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 105-110	Oxides of Nitrogen <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 111-116
Carbon Monoxide <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 177-122	Volatile Organic Compounds <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 123-128	PM-10 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 129-134

17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter <input type="text" value="See attached air emissions"/> 135-139	Oxides of Sulfur <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 140-144	Oxides of Nitrogen <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 145-149
Carbon Monoxide <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 150-154	Volatile Organic Compounds <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 155-159	PM-10 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 160-164

Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other)

TSP <input type="checkbox"/> 165	SOX <input type="checkbox"/> 166	NOX <input type="checkbox"/> 167	CO <input type="checkbox"/> 168	VOC <input type="checkbox"/> 169	PM10 <input type="checkbox"/> 170
--	--	--	---------------------------------------	--	---

AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY

18. Date Rec'd. Local _____ **Date Rec'd. State** _____ **Return to Local Jurisdiction**
 Date _____ By _____
Reviewed by Local Jurisdiction _____ **Reviewed by State** _____
 Date _____ By _____ Date _____ By _____

19. Inventory Date _____ **Month/Year**
 171-174 **Equipment Code**
 175-177 **SCC Code**
 178-185

20. Annual Operating Rate
 186-192 **Maximum Design Hourly Rate**
 193-199 **Permit to Operate Month**
 200-201 **Transaction Date (MM/DD/YR)**
 202-207

Staff Code <input type="text"/> <input type="text"/> <input type="text"/> 208-210	VOC Code <input type="text"/> <input type="text"/> 211 212	SIP Code <input type="text"/> <input type="text"/> 213 214	Regulation Code <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 215-218	Confidentiality <input type="checkbox"/> 219
--	---	---	--	---

Point Description <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 220-238	Action <input type="checkbox"/> A: Add <input type="checkbox"/> C: Change 239
---	---



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms of Delaware Inc.
COMPANY ADDRESS:	29106 John J Williams Highway, Millsboro, Delaware 19966
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms of Delaware Inc. - Preston Grain Facility
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmccconnell@mountaire.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Mineral oil spray system	

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. <u>1</u> Form 5	No. <u>N/A</u> Form 11
No. <u>N/A</u> Form 5T	No. <u>N/A</u> Form 41
No. <u>N/A</u> Form 5EP	No. <u>N/A</u> Form 42
No. <u>N/A</u> Form 6	No. <u>N/A</u> Form 44
No. <u>N/A</u> Form 10	
- 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.

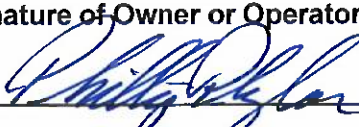
⁽²⁾ Required for applications subject to Expanded Public Participation Requirements.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

**Application for Permit to Construct
Gas Cleaning or Emission Control Equipment**

1. Owner of Installation Mountaire Farms of Delaware Inc.	Telephone No. (302) 841-4629	Date of Application 04/19/2024
2. Mailing Address P.O. Box 1320	City Millsboro	Zip Code 19966
	County Sussex, DE.	
3. Equipment Location 3695 Choptank Road	City/Town or P.O. Preston	County Caroline
4. Signature of Owner or Operator 	Title President	Print or Type Name Phillip Plylar
5. Application Type:	Alteration <input type="checkbox"/>	New Construction <input checked="" type="checkbox"/>
6. Date Construction is to Start: To be decided.	Completion Date (Estimate):	
7. Type of Gas Cleaning or Emission Control Equipment:		
Simple Cyclone <input type="checkbox"/>	Multiple Cyclone <input type="checkbox"/>	Afterburner <input type="checkbox"/>
Scrubber <input type="checkbox"/>	Other <input type="checkbox"/>	Electrostatic Precipitator <input type="checkbox"/>
	_____ (type)	_____ (type)
8. Gas Cleaning Equipment Manufacturer	Model No.	Collection Efficiency (Design Criteria)
9. Type of Equipment which Control Equipment is to Service: Mineral oil spray point will be installed in the grain truck receiving elevator.		
10. Stack Test to be Conducted:		
Yes <input type="checkbox"/>	No <input type="checkbox"/>	_____ (Date)
	_____ (Stack Test to be Conducted By)	
11. Cost of Equipment _____		
Estimated Erection Cost _____		

12. The Following Shall Be Design Criteria:

	<u>INLET</u>	<u>OUTLET</u>
Gas Flow Rate	_____ ACFM*	_____ ACFM*
Gas Temperature	_____ °F	_____ °F
Gas Pressure	_____ INCHES W.G.	_____ INCHES W.G.
	PRESSURE DROP _____	
Dust Loading	_____ GRAINS/ACFD**	_____ GRAINS/ACFD**
Moisture Content	_____ %	_____ %
OR		
Wet Bulb Temperature	_____ °F	_____ °F
Liquid Flow Rate (Wet Scrubber)	_____ GALLONS/MINUTE	
	(WHEN SCRUBBER LIQUID OTHER THAN WATER INDICATE COMPOSITION OF SCRUBBING MEDIUM IN WEIGHT %)	
	* = ACTUAL CUBIC FEET PER MINUTE	** = ACTUAL CUBIC FEET DRY

WHEN APPLICATION INVOLVES THE REDUCTION OF GASEOUS POLLUTANTS, PROVIDE THE CONCENTRATION OF EACH POLLUTANT IN THE GAS STREAM IN VOLUME PERCENT. INCLUDE THE COMPOSITION OF THE GASES ENTERING THE CLEANING DEVICE AND THE COMPOSITION OF EXHAUSTED GASES BEING DISCHARGED INTO THE ATMOSPHERE. USE AVAILABLE SPACE IN ITEM 15 ON PAGE 3.

13. Particle Size Analysis

<u>Size of Dust Particles Entering Cleaning Unit</u>	<u>% of Total Dust</u>	<u>% to be Collected</u>
0 to 10 Microns	_____	_____
10 to 44 Microns	_____	_____
Larger than 44 Microns	_____	_____

14. For Afterburner Construction Only:

Volume of Contaminated Air _____ CFM (DO NOT INCLUDE COMBUSTION AIR)

Gas Inlet Temperature _____ °F

Capacity of Afterburner _____ BTU/HR

Diameter (or area) of Afterburner Throat _____

Combustion Chamber _____ (diameter) _____ (length) Operating Temperature at Afterburner _____ °F

Retention Time of Gases _____

15. Show Location of Dust Cleaning Equipment in the System. Draw or Sketch Flow Diagram Showing Emission Path from Source to Exhaust Point to Atmosphere.

Mineral oil spray point will be located at the truck receiving grain elevator and will operate when receiving all grains.

Date Received: Local _____ State _____

Acknowledgement Date: _____

By _____

Reviewed By:

Local _____

State _____

Returned to Local:

Date _____

By _____

Application Returned to Applicant:

Date _____

By _____

REGISTRATION NUMBER OF ASSOCIATED EQUIPMENT:

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

PREMISES NUMBER:

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

Emission Calculations Revised By _____ Date _____



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms of Delaware Inc.
COMPANY ADDRESS:	29106 John J Williams Highway, Millsboro, Delaware 19966
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms of Delaware Inc. - Preston Grain Facility
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmccconnell@mountaire.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Dust control by Wings Baffle System	

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. <u> 1 </u> Form 5	No. <u> N/A </u> Form 11
No. <u> N/A </u> Form 5T	No. <u> N/A </u> Form 41
No. <u> N/A </u> Form 5EP	No. <u> N/A </u> Form 42
No. <u> N/A </u> Form 6	No. <u> N/A </u> Form 44
No. <u> N/A </u> Form 10	
- 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.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

Application for Permit to Construct
Gas Cleaning or Emission Control Equipment

1. Owner of Installation		Telephone No.	Date of Application
Mountaire Farms of Delaware Inc.		(302) 841-4629	04/19/2024
2. Mailing Address		City	Zip Code
P.O. Box 1320		Millsboro	19966
3. Equipment Location		City/Town or P.O.	County
3695 Choptank Road		Preston	Caroline
4. Signature of Owner or Operator		Title	Print or Type Name
		President	Phillip Plylar
5. Application Type:		Alteration <input type="checkbox"/>	New Construction <input checked="" type="checkbox"/>
6. Date Construction is to Start:		Completion Date (Estimate):	
To be decided.			
7. Type of Gas Cleaning or Emission Control Equipment:			
Simple Cyclone	<input type="checkbox"/>	Multiple Cyclone	<input type="checkbox"/>
Afterburner	<input type="checkbox"/>	Electrostatic Precipitator	<input type="checkbox"/>
Scrubber	<input type="checkbox"/>	Other	<input type="checkbox"/>
	(type)		(type)
8. Gas Cleaning Equipment Manufacturer		Model No.	Collection Efficiency (Design Criteria)
9. Type of Equipment which Control Equipment is to Service:			
Dust control baffle system will be installed in the grain truck receiving pit.			
10. Stack Test to be Conducted:			
Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
		(Stack Test to be Conducted By)	(Date)
11. Cost of Equipment _____			
Estimated Erection Cost _____			



12. The Following Shall Be Design Criteria:

	<u>INLET</u>	<u>OUTLET</u>
Gas Flow Rate	_____ ACFM*	_____ ACFM*
Gas Temperature	_____ °F	_____ °F
Gas Pressure	_____ INCHES W.G.	_____ INCHES W.G.
	PRESSURE DROP _____	
Dust Loading	_____ GRAINS/ACFD**	_____ GRAINS/ACFD**
Moisture Content	_____ %	_____ %
OR		
Wet Bulb Temperature	_____ °F	_____ °F
Liquid Flow Rate (Wet Scrubber)	_____ GALLONS/MINUTE	
	(WHEN SCRUBBER LIQUID OTHER THAN WATER INDICATE COMPOSITION OF SCRUBBING MEDIUM IN WEIGHT %)	
	* = ACTUAL CUBIC FEET PER MINUTE	** = ACTUAL CUBIC FEET DRY

WHEN APPLICATION INVOLVES THE REDUCTION OF GASEOUS POLLUTANTS, PROVIDE THE CONCENTRATION OF EACH POLLUTANT IN THE GAS STREAM IN VOLUME PERCENT. INCLUDE THE COMPOSITION OF THE GASES ENTERING THE CLEANING DEVICE AND THE COMPOSITION OF EXHAUSTED GASES BEING DISCHARGED INTO THE ATMOSPHERE. USE AVAILABLE SPACE IN ITEM 15 ON PAGE 3.

13. Particle Size Analysis

<u>Size of Dust Particles Entering Cleaning Unit</u>	<u>% of Total Dust</u>	<u>% to be Collected</u>
0 to 10 Microns	_____	_____
10 to 44 Microns	_____	_____
Larger than 44 Microns	_____	_____

14. For Afterburner Construction Only:

Volume of Contaminated Air _____ CFM (DO NOT INCLUDE COMBUSTION AIR)

Gas Inlet Temperature _____ °F

Capacity of Afterburner _____ BTU/HR

Diameter (or area) of Afterburner Throat _____

Combustion Chamber _____ (diameter) _____ (length) Operating Temperature at Afterburner _____ °F

Retention Time of Gases _____

15. Show Location of Dust Cleaning Equipment in the System. Draw or Sketch Flow Diagram Showing Emission Path from Source to Exhaust Point to Atmosphere. See attached PFD.

Date Received: Local _____ State _____

Acknowledgement Date: _____

By _____

Reviewed By:

Local _____

State _____

Returned to Local:

Date _____

By _____

Application Returned to Applicant:

Date _____

By _____

REGISTRATION NUMBER OF ASSOCIATED EQUIPMENT:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------

PREMISES NUMBER:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

Emission Calculations Revised By _____ Date _____

PRESTON PLANNING & ZONING BOARD

P O BOX 91
PRESTON, MARYLAND 21655

Date: 5-10-2024 Zoning Type: I

Address: 3695 Choptank Road

Owner/s Name: Mountaire Farms

Address: PO BOX 1230

Town: Millsboro State: DE Zip: 19966

Phone: _____ Cell: _____

SECTION 26 "I" INDUSTRIAL ZONE

26.00 – Statement of Intent. It is the intent hereof that the "I" zone should be used to provide for industrial uses and structures which have limited effects upon the use of surrounding land, and not to include any industrial use which creates unfavorable or offensive conditions.

26.01 – Permitted Principal Uses and Structures. The following principal uses and structures shall be permitted in the "I" district:

a. **Permitted uses:**

1. Research, testing and development laboratories.
2. Printing, publishing, binding, packaging, storage, and warehousing.
3. Storage and processing of farm products.
4. Manufacturing or assembling from prepared materials.
5. Firms manufacturing textile, clothing, hosiery, electronic equipment, appliances, and mechanical instruments.
6. Contractors yard for storage of material and equipment.
7. Bottling or distribution stations for beverages.
8. Building materials and lumber yards, including incidental mill work, provided they shall be distant at least one hundred (100) feet from any dwelling, school, church, or institution for human care.

9. Trucking and freight stations, terminals and storage yards.

10. Manufacture or assembling from prepared materials of the following: musical instruments, clocks or watches, toys or novelties, electronic devices, light sheet metal products, machine tools and machinery not requiring the use of a punch press over one hundred (100) tons rated capacity or drop hammer, office equipment.

11. Building material sales yard, including the sales of rock, sand, gravel, and the like as an incidental part of the main business, and contractors equipment storage yard or plant.

b. The following are permitted as accessory uses and structures:

1. Retail sale of products manufactured or processed on the premises.

2. Other accessory uses and structures clearly incidental and customary to and associated with the permitted use.

I hereby confirm that the property 3695 Choptank Road is in the Industrial zone and conforms with the zoning permitted uses.

Signature of Official: Amber Korell - Amber Korell

Title: ~~Am~~ Town manager

Date: 5-10-2024

MARYLAND DEPARTMENT OF THE ENVIRONMENT

**AIR AND RADIATION ADMINISTRATION
APPLICATION FOR A PERMIT TO CONSTRUCT**

**SUPPLEMENT TO
DOCKET # 05-24**

COMPANY: Mountaire Farms of Delaware, Inc.
LOCATION: 3695 Choptank Rd., Preston, MD 21655
APPLICATION: A grain drying and handling facility.

<u>ITEM</u>	<u>DESCRIPTION</u>
1	Notice of Tentative Determination, Opportunity to Request a Public Hearing, and Opportunity to Submit Written Comments
2	Fact Sheet and Tentative Determination
3	Draft Permit to Construct and Conditions
4	Supplemental Information

**MARYLAND DEPARTMENT OF THE ENVIRONMENT
AIR AND RADIATION ADMINISTRATION**

**NOTICE OF TENTATIVE DETERMINATION, OPPORTUNITY TO REQUEST
A PUBLIC HEARING, AND OPPORTUNITY TO SUBMIT WRITTEN COMMENTS**

FIRST NOTICE

The Department of the Environment, Air and Radiation Administration (ARA) has completed its review of an application for a Permit to Construct submitted by Mountaire Farms of Delaware, Inc. on May 1, 2024 for the Preston Grain Facility located at 3695 Choptank Road, Preston, MD 21655 in Caroline County.

Pursuant to Section 1-604, of the Environment Article, Annotated Code of Maryland, the Department has made a tentative determination that the Permit to Construct can be issued and is now ready to receive public comment on the application. Copies of the Department's tentative determination, the application, the draft permit to construct with conditions, and other supporting documents are available for public inspection on the Department's website. Look for Docket #05-24 at the following link:

<https://mde.maryland.gov/programs/Permits/AirManagementPermits/Pages/index.aspx>

In accordance with HB 1200/Ch. 588 of 2022, the applicant provided an environmental justice (EJ) Score for the census tract in which the project is located using the MDE EJ Screening Tool. The EJ Score, expressed as a statewide percentile, was shown to be 35, which the Department has verified. This score considers three demographic indicators, minority population above 50%, poverty rate above 25% and limited English proficiency above 15%, to identify underserved communities, and multiple environmental health indicators to identify overburdened communities. The Department's review of the environmental and socioeconomic indicators contributing to that EJ score is included in the tentative determination that is available for public inspection.

Interested persons may request a public hearing and/or submit written comments on the tentative determination. Requests for a public hearing must be submitted in writing and must be received by the Department no later than 20 days from the date of this notice. A requested public hearing will be held virtually using teleconference or internet-based conferencing technology unless a specific request for an in-person public hearing is received. Written comments must be received by the Department no later than 30 days from the date of this notice.

Interested persons may request an extension to the public comment period. The extension request must be submitted in writing and must be received by the Department no later than 30 days from the date of this notice or within 5 days after the hearing (if a hearing is requested), whichever is later. The public comment period may only be extended one time for a 60-day period.

All requests for a public hearing, requests for an extension to the public comment period, and all written comments should be directed to the attention of Ms. Shannon Heafey, Air Quality Permits Program by email to shannon.heafey@maryland.gov or by mail to the Air and Radiation Administration, 1800 Washington Boulevard, Baltimore, Maryland 21230.

Further information may be obtained by calling Ms. Shannon Heafey at 410-537-4433.

Christopher R. Hoagland, Director
Air and Radiation Administration

**MARYLAND DEPARTMENT OF ENVIRONMENT
AIR AND RADIATION ADMINISTRATION**

**FACT SHEET AND TENTATIVE DETERMINATION
MOUNTAIRE FARMS OF DELAWARE, INC.**

EXISTING INSTALLATION - PRESTON GRAIN FACILITY

I. INTRODUCTION

The Maryland Department of the Environment (the "Department") received an application from Mountaire Farms of Delaware, Inc. on May 1, 2024, and Form 5T on August 6, 2024, for a Permit to Construct for the Preston Grain Facility. The facility is located at 3695 Choptank Rd., Preston, MD 21655.

A notice was placed in the Caroline County Times Record on June 12, 2024 and June 19, 2024 announcing an opportunity to request an informational meeting to discuss the application for a Permit to Construct. An informational meeting was not requested.

As required by law, all public notices were also provided to elected officials in all State, county, and municipality legislative districts located within a one-mile radius of the facility's property boundary.

The Department has reviewed the application and has made a tentative determination that the proposed installation is expected to comply with all applicable air quality regulations. A notice will be published to provide the public with opportunities to request a public hearing and to comment on the application, the Department's tentative determination, the draft permit conditions, and other supporting documents. The Department will not schedule a public hearing unless a legitimate request is received.

If the Department does not receive any comments that are adverse to the tentative determination, the tentative determination will automatically become a final determination. If adverse comments are received, the Department will review the comments, and will then make a final determination with regard to issuance or denial of the permit. A notice of final determination will be published in a newspaper of general circulation in the affected area. The final determination may be subject to judicial review pursuant to Section 1-601 of the Environment Article, Annotated Code of Maryland.

II. CURRENT STATUS of INSTALLATION

Existing Installation

The installation is a grain drying and handling facility. Particulate emissions are controlled by application of mineral oil to all grain as it is received, the Truck Receiving Pit will be equipped with a wings baffle system, certain emission units will be enclosed, and the

equipment associated with Grain Shipping will be equipped with dust socks. The natural gas direct fired dryer will have a mesh screen to control particulate emissions.

This existing installation was unpermitted and Mountaire Farms of Delaware, Inc. has applied for a permit to construct to bring the facility into compliance.

III. APPLICABLE REGULATIONS

The installation is subject to all applicable Federal and State air quality control regulations, including, but not limited to the following:

- (a) 40 CFR 60 Subparts A and DD, which establishes standards of performance for grain elevators.
- (b) COMAR 26.11.02.19C & D, which require that the Permittee submit to the Department annual certifications of emissions, and that the Permittee maintain sufficient records to support the emissions information presented in the submittals.
- (c) COMAR 26.11.06.08 and 26.11.06.09, which generally prohibit the discharge of emissions beyond the property line in such a manner that a nuisance or air pollution is created.
- (d) COMAR 26.11.15.05, which requires that the Permittee implement “Best Available Control Technology for Toxics” (T – BACT) to control emissions of toxic air pollutants.
- (e) COMAR 26.11.15.06, which prohibits the discharge of toxic air pollutants to the extent that such emissions will unreasonably endanger human health.
- (f) COMAR 26.11.18.03A, which requires that the Permittee perform proper housekeeping, proper maintenance, and take reasonable precautions to minimize emissions.

IV. GENERAL AIR QUALITY

The U.S. Environmental Protection Agency (EPA) has established primary and secondary National Ambient Air Quality Standards (NAAQS) for six (6) criteria pollutants, i.e., sulfur dioxide, particulate matter, carbon monoxide, nitrogen dioxide, ozone, and lead. The primary standards were established to protect public health, and the secondary standards were developed to protect against non-health effects such as damage to property and vegetation.

The Department utilizes a statewide air monitoring network, operated in accordance with EPA guidelines, to measure the concentrations of criteria pollutants in Maryland’s ambient air. The measurements are used to project statewide ambient air quality, and currently indicate that

Caroline County complies with the NAAQS for ozone, sulfur dioxide, particulate matter, carbon monoxide, nitrogen dioxide and lead.

With regard to toxic air pollutants (TAPs), screening levels (i.e., acceptable ambient concentrations for toxic air pollutants) are generally established at 1/100 of allowed worker exposure levels (TLVs)¹. The Department has also developed additional screening levels for carcinogenic compounds. The additional screening levels are established such that continuous exposure to the subject TAP at the screening level for a period of 70 years is expected to cause an increase in lifetime cancer risk of no more than 1 in 100,000.

V. ENVIRONMENTAL JUSTICE ANALYSIS

The concept behind the term environmental justice (EJ) is that regardless of race, color, national origin, or income, all Maryland residents and communities should have an equal opportunity to enjoy an enhanced quality of life. How to assess whether equal protection is being applied is the challenge.

Communities surrounded by a disproportionate number of polluting facilities puts residents at a higher risk for health problems from environmental exposures. It is important that residents who may be adversely affected by a proposed source be aware of the current environmental issues in their community in order to have meaningful involvement in the permitting process. Resources may be available from government and private entities to ensure that community health is not negatively impacted by a new source located in the community.

Extensive research has documented that health disparities exist between demographic groups in the United States, such as differences in mortality and morbidity associated with factors that include race/ethnicity, income, and educational attainment.

The Maryland General Assembly passed HB 1200, effective October 1, 2022, that adds to MDE's work incorporating diversity, equity and inclusion into our mission to help overburdened and underserved communities with environmental issues. In accordance with HB 1200/Ch. 588 of 2022, the applicant provided an environmental justice (EJ) Score for the census tract in which the proposed source is located using the Maryland EJ Screening Tool. The EJ Score, expressed as a statewide percentile, was shown to be 35 which the Department has verified. This score considers three demographic indicators, minority population above 50%, poverty rate above 25% and limited English proficiency above 15%, to identify underserved communities, and multiple environmental health indicators to identify overburdened communities.

¹ TLVs are threshold limit values (exposure limits) established for toxic materials by the American Conference of Governmental Industrial Hygienists (ACGIH). Some TLVs are established for short-term exposure (TLV – STEL), and some are established for longer-term exposure (TLV – TWA), where TWA is an acronym for time-weight average.

To account for other sources of pollution surrounding the proposed source, the Department conducted an additional EJ Score analysis to evaluate the impact of other sources located within 1 mile of the proposed source. The highest EJ Score in a census tract located within 1 mile of the proposed source, expressed as a statewide percentile, was shown to be 86.

Although, an EJ Score of 75 or above would indicate that the proposed installation is located near an area that is disproportionately impacted by pollution resulting in a higher risk of health problems from environmental exposures, the EJ Score in the census tract where the proposed source is located is 35. The Department has reviewed the air quality impact from this proposed installation and has determined that the proposed installation will meet all applicable air quality standards.

VI. COMPLIANCE DEMONSTRATION AND ANALYSIS

The installation must comply with all State imposed emissions limitations and screening levels, as well as the NAAQS. The Department has conducted an engineering and air quality review of the application. The emissions were projected based on U.S. EPA-approved emissions factors. The conservative U.S. EPA's SCREEN3 model was used to project the maximum ground level concentrations from the facility, which were then compared to the screening levels and the NAAQS.

- A. Estimated Emissions** - The maximum emissions of air pollutants of concern from the installation are listed in Table I.
- B. Compliance with National Ambient Air Quality Standards** - The ambient background concentration for each pollutant, which includes the projected contribution from the existing facility, are listed in column 2 of Table II. The ambient background concentration for each pollutant shown in column 2 of Table II is less than the NAAQS for each pollutant shown in column 3.
- C. Compliance with Air Toxics Regulations** – The toxic air pollutants of concern that would be emitted from this installation are listed in column 1 of Table III. The predicted maximum off-site ambient concentrations of these toxic air pollutants are shown in column 4 of Table III, and in each case the maximum concentration is less than the corresponding screening level for the toxic air pollutant shown in column 2.

VII. TENTATIVE DETERMINATION

Based on the above information, the Department has concluded that the installation complies with all applicable Federal and State air quality control requirements. In accordance with the Administrative Procedure Act, Department has made a tentative determination to issue the Permit to Construct.

Enclosed with the tentative determination is a copy of the draft Permit to Construct.

**TABLE I
PROJECTED MAXIMUM EMISSIONS FROM THE INSTALLATION**

POLLUTANT	PROJECTED MAXIMUM EMISSIONS FROM THE INSTALLATION	
	(lbs/day)	(tons/year)
Nitrogen Dioxide (NO ₂)	89	16
Sulfur Dioxide (SO ₂)	1	0.1
Carbon Monoxide (CO)	74	14
Volatile Organic Compounds (VOC)	5	1
Particulate Matter (PM ₁₀)	218	40

**TABLE II
PROJECTED IMPACT OF EMISSIONS OF CRITERIA POLLUTANTS FROM THE
INSTALLATION ON AMBIENT AIR QUALITY**

POLLUTANTS	BACKGROUND AMBIENT AIR CONCENTRATIONS INCLUDING IMPACT FROM EXISTING FACILITY* (µg/m ³)**	NATIONAL AMBIENT AIR QUALITY STANDARDS (NAAQS) (µg/m ³)
Nitrogen Dioxide (NO ₂)	annual avg. → 26.5	annual avg. → 100
Carbon Monoxide (CO)	8-hr max. → 1265 1-hr max. → 2990	8-hr max. → 10,000 1-hr max. → 40,000
Sulfur Dioxide (SO ₂)	24-hour max. → 5.0 annual avg. → 0.8	24-hour max. → 366 annual avg. → 78.5
Particulate Matter (PM ₁₀)	24-hr max. → 101	24-hr max. → 150

*Note: The background ambient air concentrations listed above includes the concentrations of pollutants generated from existing facility. There will be no new emissions added to the existing background concentrations.

**Background concentrations were obtained from Maryland air monitoring stations as follows:

NO₂, → Lochearn monitor located at 4380 Old Court Rd., highest 2023 Maryland value
CO and SO₂ → Essex monitor located at 600 Dorsey Rd., highest 2023 Maryland value
PM₁₀ → Monitor Located at 3900 Hillen Rd., highest 2023 Maryland value

**TABLE III
PREDICTED MAXIMUM OFF-SITE AMBIENT CONCENTRATIONS FOR
TOXIC AIR POLLUTANTS EMITTED FROM THE INSTALLATION**

TOXIC AIR POLLUTANTS	SCREENING LEVELS ($\mu\text{g}/\text{m}^3$)	PROJECTED WORST-CASE FACILITY-WIDE EMISSIONS (lbs/hr)	PREDICTED MAXIMUM OFF-SITE GROUND LEVEL CONCENTRATIONS ($\mu\text{g}/\text{m}^3$)
Benzene	1-hour→ 79.87 8-hour→ 15.97 Annual→ 1.30	6.85E-05	1-hour→ 4.84E-03 8-hour→ 3.39E-03 Annual→ 3.87E-04
Formaldehyde	1-hour→ None 8-hour→ 20.3 Annual→ 0.80	2.76E-03	1-hour→ None 8-hour→ 1.37E-01 Annual→ 1.56E-02
n-Hexane	1-hour→ None 8-hour→ 1762.37 Annual→ None	6.64E-02	1-hour→ None 8-hour→ 3.29 Annual→ None
Naphthalene	1-hour→ 786.44 8-hour→ 524.29 Annual→ None	2.28E-05	1-hour→ 1.61E-03 8-hour→ 1.13E-03 Annual→ None
Toluene	1-hour→ None 8-hour→ 753.62 Annual→ None	1.14E-04	1-hour→ None 8-hour→ 5.64E-03 Annual→ None
Cadmium	1-hour→ None 8-hour→ 0.02 Annual→ 0.006	4.57E-05	1-hour→ None 8-hour→ 2.26E-03 Annual→ 2.58E-04
Chromium VI	1-hour→ None 8-hour→ 0.10 Annual→ 0.0008	4.57E-05	1-hour→ None 8-hour→ 2.26E-03 Annual→ 2.58E-04
Manganese	1-hour→ None 8-hour→ 2.00 Annual→ None	2.28E-05	1-hour→ None 8-hour→ 1.13E-03 Annual→ None
Nickel	1-hour→ None 8-hour→ 1.00 Annual→ None	6.85E-05	1-hour→ None 8-hour→ 3.39E-03 Annual→ None

The values represent maximum facility-wide emissions of toxic air pollutants during any 1-hour period of facility operation.

The values are based on worst-case emissions from the facility and were predicted by EPA's SCREEN3 model, which provides conservative estimations concerning the impact of pollutants on ambient air quality.

DRAFT PERMIT

Wes Moore

Serena McIlwain

Air and Radiation Administration

1800 Washington Boulevard, Suite 720
Baltimore, MD 21230

Construction Permit

Operating Permit

PERMIT NO.
As listed on Page 2

DATE ISSUED: TBD

PERMIT FEE:
2000.00

EXPIRATION DATE:
In accordance with
COMAR 26.11.02.04B

LEGAL OWNER & ADDRESS

Mountaire Farms of Delaware, Inc.
29106 John J. Williams Highway
Millsboro, DE 19966
Attention: Mr. Kyle McConnell, Environmental
Manager

SITE

Mountaire Farms of Delaware, Inc. – Preston
Grain Facility
3695 Choptank Road
Preston, MD 21655
AI # 182693

SOURCE DESCRIPTION

This permit authorizes the installation of one (1) grain drying and handling facility.

This source is subject to the conditions described on the attached pages.

**MOUNTAIRE FARMS OF DELAWARE, INC.
 PRESTON GRAIN FACILITY
 3695 CHOPTANK RD.
 PRESTON, MD
 PERMIT-TO-CONSTRUCT CONDITIONS
 PREMISES No. 011-0127**

INDEX

- Part A – General Provisions
- Part B – Applicable Regulations
- Part C – Construction Conditions
- Part D – Operating Conditions
- Part E – Notifications, Testing and Monitoring
- Part F – Record Keeping and Reporting
- Part G – Temporary Permit-To-Operate Conditions

This permit-to-construct incorporates requirements for the following registered installations:

ARA Registration Number	Emission Unit No.	Emissions Unit Name and Description	Date of Installation
Grain Storage			
Fugitive particulate matter emission sources with emissions controlled by mineral oil applied to all grains when received.			
011-0127-9-0054	EU 1	Tank 1, Metal dry grain storage tank, 190,000 bushel capacity.	Pre-2024
	EU 2	Tank 2, Metal dry grain storage tank, 80,000 bushel capacity.	Pre-2024
	EU 3	Tank 3, Metal dry grain storage tank, 90,000 bushel capacity.	Pre-2024
	EU 4	Tank 4, Metal dry grain storage tank, 100,000 bushel capacity.	Pre-2024
	EU 5	Tank 5, Metal dry grain storage tank, 165,000 bushel capacity.	Pre-2024
	EU 6	Tank 6, Metal dry grain storage tank, 165,000 bushel capacity.	Pre-2024
	EU 7	Tank 7, Metal dry grain storage tank, 190,000 bushel capacity.	Pre-2024
	EU 8	Tank 8, Metal dry grain storage tank, 50,000 bushel capacity.	Pre-2024
	EU 9	Tank 9, Metal dry grain storage tank, 190,000 bushel capacity.	Pre-2024
	EU 10	Tank 10, Metal dry grain storage tank, 165,000 bushel capacity.	Pre-2024
	EU 11	Tank 11, Metal dry grain storage tank, 165,000 bushel capacity.	Pre-2024

MOUNTAIRE FARMS OF DELAWARE, INC.
PRESTON GRAIN FACILITY
3695 CHOPTANK RD.
PRESTON, MD
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 011-0127

ARA Registration Number	Emission Unit No.	Emissions Unit Name and Description	Date of Installation
	EU 12	Tank 12, Metal dry grain storage tank, 190,000 bushel capacity.	Pre-2024
	EU 15	Wet Tank 1, Metal wet grain storage tank, 15,000 bushel capacity.	Pre-2024
	EU 16	Wet Tank 2, Metal wet grain storage tank, 15,000 bushel capacity.	Pre-2024
	EU 17	Wet Tank 3, Metal wet grain storage tank, 15,000 bushel capacity.	Pre-2024
Grain Dryer			
Fugitive combustion and particulate matter emission source, with particulate emissions controlled by mineral oil applied to all grains when received and a mesh screen.			
011-0127-8-0028	EU 18	Grain Dryer 1, BCT Model 3500 grain dryer, with a 37.6 MMBtu/hr direct fired natural gas burner.	Pre-2024
Grain Receiving			
011-0127-8-0029	EU 19	Truck Receiving Pit 1, below grade grain pit where grain is unloaded, 450 bushel capacity, fugitive particulate emission source controlled by wings baffle system.	Pre-2024
	EU 20	Receiving Pit Drag, Drag that takes the grain from the receiving pit and transfers it to the grain receiving elevator leg, dust controlled by mineral oil applied to all grains when received and an enclosure.	Pre-2024
Grain Handling			
Fugitive particulate matter emission sources controlled by an enclosure and mineral oil applied to all grains when received.			
011-0127-8-0030	EU 21	Grain Receiving Leg, Unit is attached to the grain receiving pit, this receiving leg transfers	Pre-2024

**MOUNTAIRE FARMS OF DELAWARE, INC.
 PRESTON GRAIN FACILITY
 3695 CHOPTANK RD.
 PRESTON, MD
 PERMIT-TO-CONSTRUCT CONDITIONS
 PREMISES No. 011-0127**

ARA Registration Number	Emission Unit No.	Emissions Unit Name and Description	Date of Installation
		the grain to either dry storage tanks or wet storage tanks, 11,000 bushels/hr capacity.	
	EU 22	Wet Grain Leg, Elevator Leg that transfers wet grain from the wet grain storage tanks to the grain dryer, 8,000 bushels/hr capacity.	Pre-2024
	EU 23	Dry Grain Leg, Elevator leg that transfers dry grain from the grain dryer to a dry grain storage tank, 8,000 bushels/hr capacity.	Pre-2024
	EU 24	Turn Head 1, 8-hole flat back turn head, grain handling piece of equipment that is connected to a grain elevator leg that allows grain to be transferred throughout the facility to storage tanks or a grain load out area.	Pre-2024
	EU 25	Turn Head 2, 8-hole flat back turn head - 8-hole flat back turn head – grain handling piece of equipment that is connected to a grain elevator leg that allows grain to be transferred throughout the facility to storage tanks or a grain load out area.	Pre-2024
	EU 26	#1/2 Top Drag, Grain transferring equipment that carries grain to a storage tank, 9,000 bushels/hr capacity.	Pre-2024
	EU 27	#3/6 Top Drag, Grain transferring equipment that carries grain to a storage tank, 9,000 bushels/hr capacity.	Pre-2024
	EU 28	#6/11 Top Drag, Grain transferring equipment that	Pre-2024

**MOUNTAIRE FARMS OF DELAWARE, INC.
PRESTON GRAIN FACILITY
3695 CHOPTANK RD.
PRESTON, MD
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 011-0127**

ARA Registration Number	Emission Unit No.	Emissions Unit Name and Description	Date of Installation
		carries grain to a storage tank, 9,000 bushels/hr capacity.	
	EU 29	#2/5 Top Drag, Grain transferring equipment that carries grain to a storage tank, 9,000 bushels/hr capacity.	Pre-2024
	EU 30	#5/10 Top Drag, Grain transferring equipment that carries grain to a storage tank, 9,000 bushels/hr capacity.	Pre-2024
	EU 31	#4 Top Drag, Grain transferring equipment that carries grain to a storage tank, 15,000 bushels/hr capacity.	Pre-2024
	EU 32	#4/7 Top Drag, Grain transferring equipment that carries grain to a storage tank, 9,000 bushels/hr capacity.	Pre-2024
	EU 33	#7/9 Top Drag, Grain transferring equipment that carries grain to a storage tank, 9,000 bushels/hr capacity.	Pre-2024
	EU 34	#9/12 Top Drag, Grain transferring equipment that carries grain to a storage tank, 9,000 bushels/hr capacity.	Pre-2024
	EU 35	#8/W1 Top Drag, Grain transferring equipment that carries grain to a storage tank, 8,000 bushels/hr capacity.	Pre-2024
	EU 36	#10/11 Tunnel Drag, Grain transferring equipment that carries grain away from a storage tank to be transferred to a load out device or another storage tank, 5,000 bushels/hr capacity.	Pre-2024

**MOUNTAIRE FARMS OF DELAWARE, INC.
 PRESTON GRAIN FACILITY
 3695 CHOPTANK RD.
 PRESTON, MD
 PERMIT-TO-CONSTRUCT CONDITIONS
 PREMISES No. 011-0127**

ARA Registration Number	Emission Unit No.	Emissions Unit Name and Description	Date of Installation
	EU 37	Dryer Drag, Grain transferring equipment that carries grain away from the dryer, 5,000 bushels/hr capacity.	Pre-2024
	EU 38	Wet #2 & #3 Drag, Grain transferring equipment that carries grain to the grain dryer, 5,000 bushels/hr capacity.	Pre-2024
	EU 39	#5 Tube Screw, Grain transferring equipment that will transfer grain from tank to tank, 5,000 bushels/hr capacity.	Pre-2024
	EU 40	#6 Tube Screw, Grain transferring equipment that will transfer grain from tank to tank, 5,000 bushels/hr capacity.	Pre-2024
	EU 41	#1/3 Tube Screw, Grain transferring equipment that will transfer grain from tank to tank, 5,000 bushels/hr capacity.	Pre-2024
	EU 42	#9 Incline Tube Screw, Grain transferring equipment that will transfer grain from tank to tank, 5,000 bushels/hr capacity.	Pre-2024
	EU 43	#7 Tube Screw, Grain transferring equipment that will transfer grain from tank to tank, 5,000 bushels/hr capacity.	Pre-2024
	EU 44	#4 Tube Screw, Grain transferring equipment that will transfer grain from tank to tank, 3,500 bushels/hr capacity.	Pre-2024
	EU 45	#8 Tube Screw, Grain transferring equipment that will transfer grain from tank to tank, 4,500 bushels/hr capacity.	Pre-2024

**MOUNTAIRE FARMS OF DELAWARE, INC.
PRESTON GRAIN FACILITY
3695 CHOPTANK RD.
PRESTON, MD
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 011-0127**

ARA Registration Number	Emission Unit No.	Emissions Unit Name and Description	Date of Installation
Grain Shipping Fugitive particulate matter sources of emissions controlled by mineral oil applied to all grains when received and a dust sock.			
011-0127-8-0031	EU 46	Load Out Tank 1, Metal dry grain storage tank – surge tank, 5,000 bushel capacity.	Pre-2024
	EU 47	Load Out Tank 2, Metal dry grain storage tank – surge tank, 5,000 bushel capacity.	Pre-2024
	EU 48	#12 Tunnel Drag, Grain transferring equipment that carries grain away from a storage tank to be transferred to a load out device or another storage tank, 9,500 bushels/hr capacity.	Pre-2024
	EU 49	#10/11 Transfer Drag, Grain transferring equipment that carries grain away from a storage tank to be transferred to a load out device or another storage tank, 5,000 bushels/hr capacity.	Pre-2024
	EU 50	#5/6 Transfer Drag, Grain transferring equipment that carries grain away from a storage tank to be transferred to a load out device or another storage tank, 5,000 bushels/hr capacity.	Pre-2024
	EU 51	#6 Transfer Drag, Grain transferring equipment that carries grain away from a storage tank to be transferred to a load out device or another storage tank, 5,000 bushels/hr capacity.	Pre-2024
	EU 52	#7/4 Transfer Drag, Grain transferring equipment that	Pre-2024

MOUNTAIRE FARMS OF DELAWARE, INC.
PRESTON GRAIN FACILITY
3695 CHOPTANK RD.
PRESTON, MD
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 011-0127

ARA Registration Number	Emission Unit No.	Emissions Unit Name and Description	Date of Installation
		carries grain away from a storage tank to be transferred to a load out device or another storage tank, 5,000 bushels/hr capacity.	
	EU 53	#2 Tube Screw, Grain handling equipment that will transfer grain from tank to tank or to a loadout point, 3,000 bushels/hr capacity, totally enclosed except for the loadout portion.	Pre-2024
	EU 54	#12 Tube Screw (Loadout), Grain handling equipment that will transfer grain from tank to tank or to a loadout point, 6,000 bushels/hr capacity, totally enclosed except for the loadout portion.	Pre-2024
	EU 55	#9 Tube Screw (Loadout), Grain handling equipment that will transfer grain from tank to tank or to a loadout point, 5,000 bushels/hr capacity, totally enclosed except for the loadout portion.	Pre-2024
	EU 56	Gravity Loadout Tank 10, Loadout device connected to tank 10 that allows grain to be loaded to a truck by gravity feed from the tank, 6,000 bushels/hr capacity.	Pre-2024
	EU 57	Gravity Loadout Tank 11, Loadout device connected to tank 11 that allows grain to be loaded to a truck by gravity feed from the tank, 6,000 bushels/hr capacity.	Pre-2024
	EU 58	Gravity Loadout Tank 6, Loadout device connected to	Pre-2024

**MOUNTAIRE FARMS OF DELAWARE, INC.
 PRESTON GRAIN FACILITY
 3695 CHOPTANK RD.
 PRESTON, MD
 PERMIT-TO-CONSTRUCT CONDITIONS
 PREMISES No. 011-0127**

ARA Registration Number	Emission Unit No.	Emissions Unit Name and Description	Date of Installation
		tank 12 that allows grain to be loaded to a truck by gravity feed from the tank, 6,000 bushels/hr capacity.	
	EU 59	Gravity Loadout Tank 1, Loadout device connected to tank 1 that allows grain to be loaded to a truck by gravity feed from the tank, 6,000 bushels/hr capacity.	Pre-2024
	EU 60A	Gravity Loadout Tank 12, Loadout device connected to tank 12 that allows grain to be loaded to a truck by gravity feed from the tank, 6,000 bushels/hr capacity.	Pre-2024
	EU 60B	Gravity Loadout Tank 12, Loadout device connected to tank 12 that allows grain to be loaded to a truck by gravity feed from the tank, 6,000 bushels/hr capacity.	Pre-2024
	EU 61A	Gravity Loadout Tank 9, Loadout device connected to tank 9 that allows grain to be loaded to a truck by gravity feed from the tank, 6,000 bushels/hr capacity.	Pre-2024
	EU 61B	Gravity Loadout Tank 9, Loadout device connected to tank 9 that allows grain to be loaded to a truck by gravity feed from the tank, 6,000 bushels/hr capacity.	Pre-2024
	EU 62A	Gravity Loadout Tank 7, Loadout device connected to tank 7 that allows grain to be loaded to a truck by gravity feed	Pre-2024

**MOUNTAIRE FARMS OF DELAWARE, INC.
 PRESTON GRAIN FACILITY
 3695 CHOPTANK RD.
 PRESTON, MD
 PERMIT-TO-CONSTRUCT CONDITIONS
 PREMISES No. 011-0127**

ARA Registration Number	Emission Unit No.	Emissions Unit Name and Description	Date of Installation
		from the tank, 6,000 bushels/hr capacity.	
	EU 62B	Gravity Loadout Tank 7, Loadout device connected to tank 7 that allows grain to be loaded to a truck by gravity feed from the tank, 6,000 bushels/hr capacity.	Pre-2024
	EU 63	Gravity Loadout Tank 8, Loadout device connected to tank 8 that allows grain to be loaded to a truck by gravity feed from the tank, 6,000 bushels/hr capacity.	Pre-2024

Part A – General Provisions

- (1) The following Air and Radiation Administration (ARA) permit-to-construct applications and supplemental information are incorporated into this permit by reference:
- (a) Eleven (11) Applications for Processing or Manufacturing Equipment (Form 5) received May 1, 2024.
 - (b) Two (2) Applications for Gas Cleaning or Emission Control Equipment (Form 6) received May 1, 2024.
 - (c) Toxic Air Pollutant (TAP) Emissions Summary and Compliance Demonstration (Form 5T) received August 6, 2024.
 - (d) Supplemental Information including an equipment list, emissions estimates, a layout drawing, and a flow diagram received May 1, 2024.

If there are any conflicts between representations in this permit and representations in the applications, the representations in the permit shall govern. Estimates of dimensions, volumes, emissions rates, operating rates,

MOUNTAIRE FARMS OF DELAWARE, INC.
PRESTON GRAIN FACILITY
3695 CHOPTANK RD.
PRESTON, MD
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 011-0127

feed rates and hours of operation included in the applications do not constitute enforceable numeric limits beyond the extent necessary for compliance with applicable requirements.

- (2) Upon presentation of credentials, representatives of the Maryland Department of the Environment (“MDE” or the “Department”) and the Caroline County Health Department shall at any reasonable time be granted, without delay and without prior notification, access to the Permittee’s property and permitted to:
 - (a) inspect any construction authorized by this permit;
 - (b) sample, as necessary to determine compliance with requirements of this permit, any materials stored or processed on-site, any waste materials, and any discharge into the environment;
 - (c) inspect any monitoring equipment required by this permit;
 - (d) review and copy any records, including all documents required to be maintained by this permit, relevant to a determination of compliance with requirements of this permit; and
 - (e) obtain any photographic documentation or evidence necessary to determine compliance with the requirements of this permit.
- (3) The Permittee shall notify the Department prior to increasing quantities and/or changing the types of any materials referenced in the application or limited by this permit. If the Department determines that such increases or changes constitute a modification, the Permittee shall obtain a permit-to-construct prior to implementing the modification.
- (4) Nothing in this permit authorizes the violation of any rule or regulation or the creation of a nuisance or air pollution.
- (5) If any provision of this permit is declared by proper authority to be invalid, the remaining provisions of the permit shall remain in effect.
- (6) Subsequent to issuance of this permit, the Department may impose additional and modified requirements that are incorporated into a State permit-to-operate issued pursuant to COMAR 26.11.02.13.

**MOUNTAIRE FARMS OF DELAWARE, INC.
PRESTON GRAIN FACILITY
3695 CHOPTANK RD.
PRESTON, MD
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 011-0127**

Part B – Applicable Regulations

- (1) This source is subject to all applicable federal air pollution control requirements including, but not limited to, the following:

All applicable terms, provisions, emissions standards, testing, monitoring, record keeping, and reporting requirements included in federal New Source Performance Standards (NSPS) promulgated under 40 CFR 60, Subparts A and DD, Standards of Performance for Grain Elevators.

All notifications required under 40 CFR 60 Subparts A and DD shall be submitted to both of the following:

The Administrator
Compliance Program
Maryland Department of the Environment
Air and Radiation Administration
1800 Washington Boulevard, STE 715
Baltimore MD 21230

and

United States Environmental Protection Agency
Region III, Enforcement & Compliance Assurance Division
Air, RCRA and Toxics Branch (3ED21)
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, PA 19103-2852

- (2) This source is subject to all applicable federally enforceable State air pollution control requirements including, but not limited to, the following regulations:
- (a) COMAR 26.11.01.07C, which requires that the Permittee report to the Department occurrences of excess emissions.
 - (b) COMAR 26.11.02.04B, which states that a permit to construct or an approval expires if, as determined by the Department:
 - (i) Substantial construction or modification is not commenced within 18 months after the date of issuance of the permit or

MOUNTAIRE FARMS OF DELAWARE, INC.
PRESTON GRAIN FACILITY
3695 CHOPTANK RD.
PRESTON, MD
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 011-0127

approval, unless the Department specifies a longer period in the permit or approval;

- (ii) Construction or modification is substantially discontinued for a period of 18 months after the construction or modification has commenced; or
 - (iii) The source for which the permit or approval was issued is not completed within a reasonable period after the date of issuance of the permit or approval.
- (c) COMAR 26.11.02.09A, which requires that the Permittee obtain a permit-to-construct if an installation is to be modified in a manner that would cause changes in the quantity, nature, or characteristics of emissions from the installation as referenced in this permit.
- (3) This source is subject to all applicable State-only enforceable air pollution control requirements including, but not limited to, the following regulations:
- (a) COMAR 26.11.02.13A(25), which requires that the Permittee obtain from the Department, and maintain and renew as required, a valid State permit-to-operate.
 - (b) COMAR 26.11.02.14D, which requires that the Permittee submit to the Department not later than 60 days prior to initiating operation of the installation for which this permit is issued a completed application for a State permit-to-operate.
 - (c) COMAR 26.11.02.19C & D, which require that the Permittee submit to the Department annual certifications of emissions, and that the Permittee maintain sufficient records to support the emissions information presented in such submittals.
 - (d) COMAR 26.11.06.08 and 26.11.06.09, which generally prohibit the discharge of emissions beyond the property line in such a manner that a nuisance or air pollution is created.
 - (e) COMAR 26.11.15.05, which requires that the Permittee implement “Best Available Control Technology for Toxics” (T – BACT) to control emissions of toxic air pollutants.

MOUNTAIRE FARMS OF DELAWARE, INC.
PRESTON GRAIN FACILITY
3695 CHOPTANK RD.
PRESTON, MD
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 011-0127

- (f) COMAR 26.11.15.06, which prohibits the discharge of toxic air pollutants to the extent that such emissions would unreasonably endanger human health.
- (g) COMAR 26.11.18.03A, which requires grain-drying and grain-handling installations to perform proper housekeeping, proper maintenance and take reasonable precautions to minimize emissions.

Part C – Construction Conditions

- (1) Except as otherwise provided in this part, all registered installations shall be constructed in accordance with specifications included in the incorporated applications.
- (2) The Grain Dryer (EU 18) shall combust natural gas, unless alternative fuels are approved by the Department.
- (3) The Grain Dryer exhaust gases shall pass through a 24 mesh screen or be fitted with equipment that will accomplish equally effective results in reducing particulate matter discharge. "Mesh" means Tyler Standard Screen Scale or its equivalent. **[Reference: COMAR 26.11.18.03A(1)]**
- (4) Truck Receiving Pit 1 (EU 19) shall be constructed with a wings baffle system to control fugitive particulate emissions.
- (5) The Receiving Pit Drag (EU 20) and Grain Handling Emission Units (EU 21-EU 45) shall control fugitive particulate matter emissions with an enclosure.
- (6) Each Emission Unit used for Grain Shipping (EU 46 – EU 63) shall be equipped with a dust sock to control fugitive particulate matter emissions.
- (7) The No. 2, 12, and 9 Tube Screws (EU 53, 54, and 56) shall be totally enclosed except for the loadout portion.
- (8) The facility shall be equipped with a system to apply mineral oil to all grains when received in order to control fugitive particulate emissions.

MOUNTAIRE FARMS OF DELAWARE, INC.
PRESTON GRAIN FACILITY
3695 CHOPTANK RD.
PRESTON, MD
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 011-0127

Part D – Operating Conditions

- (1) Except as otherwise provided in this part, all registered installations shall be operated in accordance with specifications included in the application and any operating procedures recommended by equipment vendors unless the Permittee obtains from the Department written authorization for alternative operating procedures.
- (2) The Permittee shall maintain and operate all installations and associated air pollution control equipment so as to assure full and continuous compliance with all applicable air pollution control regulations and permit conditions.
- (3) The Grain Dryer (EU 18) shall combust natural gas, unless alternative fuels are approved by the Department.
- (4) The Grain Dryer exhaust gases shall pass through a 24 mesh screen or be fitted with equipment that will accomplish equally effective results in reducing particulate matter discharge. "Mesh" means Tyler Standard Screen Scale or its equivalent. **[Reference: COMAR 26.11.18.03A(1)]**
- (5) Each Emission Unit used for Grain Shipping (EU 46 – EU 63) shall be equipped with a dust sock to control fugitive particulate matter emissions.
- (6) Mineral oil shall be applied to all grains when received in order to control fugitive particulate emissions.
- (7) The Permittee may not cause or permit the operation of any grain drying or handling operation unless the following procedures are used:
 - (a) Proper housekeeping and equipment maintenance procedures, including, but not limited to, prompt removal of "beeswing" accumulation by a technique which prevents this material from re-entering the ambient air; and
 - (b) Reasonable precautions to minimize emissions from grain receiving, conveyance, or load-out facilities in accordance with good engineering design and operational procedures.

[Reference: COMAR 26.11.18.03A(2)]

- (8) The Permittee shall meet the following visible emission limits:

**MOUNTAIRE FARMS OF DELAWARE, INC.
PRESTON GRAIN FACILITY
3695 CHOPTANK RD.
PRESTON, MD
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 011-0127**

- (a) The grain dryer shall meet an opacity limit of 0%;
- (b) Any individual truck unloading station shall meet an opacity limit of 5%;
- (c) Any truck loading station shall meet an opacity limit of 10%; and
- (d) Any grain handling equipment shall meet an opacity limit of 0%.

[Reference: 40 CFR §60.302]

Part E – Notifications, Testing and Monitoring

- (1) The Permittee shall submit written or electronic notification to the Department of any Method 9 visible emission observations, at least 30 days prior to performing the test. **[Reference: 40 CFR §60.8(d)]**
- (2) On and after the 60th day of permit issuance, but no later than 180 days after permit issuance, a Method 9 visible emissions observation shall be performed on the following equipment:
 - (a) The Grain Dryer (EU 18);
 - (b) Each truck loading station;
 - (c) Each truck unloading station; and
 - (d) All grain handling equipment.

[Reference: 40 CFR §60.302]

- (3) The Permittee shall develop and implement a fugitive dust plan to minimize particulate emissions.

Part F – Record Keeping and Reporting

- (1) The Permittee shall maintain for at least five (5) years, and shall make available to the Department upon request, records of the following information:

MOUNTAIRE FARMS OF DELAWARE, INC.
PRESTON GRAIN FACILITY
3695 CHOPTANK RD.
PRESTON, MD
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 011-0127

- (a) The monthly facility throughput, including the type of grain processed, in units of bushels;
 - (b) The monthly amount of fuel combusted in the Grain Dryer (EU 18);
 - (c) The Grain Dryer (EU 18) vent filter mesh, or equivalent information;
 - (d) Monthly records of the amount of mineral oil applied to the grain, in units of pounds or gallons;
 - (e) Records of preventative maintenance and housekeeping activities that control fugitive particulate matter emissions;
 - (f) The fugitive dust plan;
 - (g) All notifications; and
 - (h) The results of all Method 9 visible emission observations;
- (2) The Permittee shall maintain at the facility for at least five (5) years, and shall make available to the Department upon request, records necessary to support annual certifications of emissions and demonstrations of compliance for toxic air pollutants. Such records shall include, if applicable, the following:
- (a) mass emissions rates for each regulated pollutant, and the total mass emissions rate for all regulated pollutants for each registered source of emissions;
 - (b) accounts of the methods and assumptions used to quantify emissions;
 - (c) all operating data, including operating schedules and production data, that were used in determinations of emissions;
 - (d) amounts, types, and analyses of all fuels used;
 - (e) any records, the maintenance of which is required by this permit or by State or federal regulations, that pertain to the operation and maintenance of continuous emissions monitors, including:

MOUNTAIRE FARMS OF DELAWARE, INC.
PRESTON GRAIN FACILITY
3695 CHOPTANK RD.
PRESTON, MD
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 011-0127

- (i) all emissions data generated by such monitors;
 - (ii) all monitor calibration data;
 - (iii) information regarding the percentage of time each monitor was available for service; and
 - (iv) information concerning any equipment malfunctions.
- (f) information concerning operation, maintenance, and performance of air pollution control equipment and compliance monitoring equipment, including:
- (i) identifications and descriptions of all such equipment;
 - (ii) operating schedules for each item of such equipment;
 - (iii) accounts of any significant maintenance performed;
 - (iv) accounts of all malfunctions and outages; and
 - (v) accounts of any episodes of reduced efficiency.
- (g) limitations on source operation or any work practice standards that significantly affect emissions; and
- (h) other relevant information as required by the Department.
- (3) The Permittee shall submit the results of all Method 9 visible emission observations to the Department within 30 days of performing the test.
- (4) The Permittee shall submit to the Department by April 1 of each year a certification of emissions for the previous calendar year. The certifications shall be prepared in accordance with requirements, as applicable, adopted under COMAR 26.11.01.05 – 1 and COMAR 26.11.02.19D.
- (a) Certifications of emissions shall be submitted on forms obtained from the Department.
 - (b) A certification of emissions shall include mass emissions rates for each regulated pollutant, and the total mass emissions rate for all

**MOUNTAIRE FARMS OF DELAWARE, INC.
PRESTON GRAIN FACILITY
3695 CHOPTANK RD.
PRESTON, MD
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 011-0127**

regulated pollutants for each of the facility's registered sources of emissions.

- (c) The person responsible for a certification of emissions shall certify the submittal to the Department in the following manner:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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."

- (5) The Permittee shall submit to the Department by April 1 of each year a written certification of the results of an analysis of emissions of toxic air pollutants from the Permittee's facility during the previous calendar year. Such analysis shall include either:
- (a) a statement that previously submitted compliance demonstrations for emissions of toxic air pollutants remain valid; or
 - (b) a revised compliance demonstration, developed in accordance with requirements included under COMAR 26.11.15 & 16, that accounts for changes in operations, analytical methods, emissions determinations, or other factors that have invalidated previous demonstrations.
- (6) The Permittee shall report, in accordance with requirements under COMAR 26.11.01.07, occurrences of excess emissions to the Compliance Program of the Air and Radiation Administration.

**MOUNTAIRE FARMS OF DELAWARE, INC.
PRESTON GRAIN FACILITY
3695 CHOPTANK RD.
PRESTON, MD
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 011-0127**

Part G – Temporary Permit-to-Operate Conditions

- (1) This permit-to-construct shall also serve as a temporary permit-to-operate that confers upon the Permittee authorization to all registered installations for a period of up to 180 days after permit issuance.
- (2) During the effective period of the temporary permit-to-operate the Permittee shall operate the new installation as required by the applicable terms and conditions of this permit-to-construct, and in accordance with operating procedures and recommendations provided by equipment vendors.
- (3) The Permittee shall submit to the Department an application for a State permit-to-operate no later than 60 days prior to expiration of the effective period of the temporary permit-to-operate.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

AIR AND RADIATION ADMINISTRATION

SUPPLEMENTAL INFORMATION REFERENCES

The Code of Maryland Regulations (COMAR) is searchable by COMAR citation at the following Division of State Documents website:

<http://www.dsd.state.md.us/COMAR/ComarHome.html>

The Code of Federal Regulations (CFR), including New Source Performance Standards (NSPS) at 40 CFR, Part 60 and National Emission Standards for Hazardous Air Pollutants (NESHAP) at 40 CFR, Parts 61 and 63, is searchable by CFR citation at the following U.S. Government Publishing Office website:

<http://www.ecfr.gov>

Information on National Ambient Air Quality Standards (NAAQS) is located at the following U.S. Environmental Protection Agency (EPA) website:

<https://www.epa.gov/criteria-air-pollutants/naaqs-table>

Information on Maryland's Ambient Air Monitoring Program is located at the following Maryland Department of the Environment website:

<http://mde.maryland.gov/programs/Air/AirQualityMonitoring/Pages/index.aspx>

Information on the U.S. EPA's Screen3 computer model and other EPA-approved air dispersion models is located at the following U.S. EPA website:

http://www.epa.gov/scram001/dispersion_screening.htm

Information on the U.S. EPA TANKS Emission Estimation Software is located at the following U.S. EPA website:

<http://www.epa.gov/ttn/chief/software/tanks/index.html>

Information on the U.S. EPA Emission Factors and AP-42 is located at the following U.S. EPA website:

<https://www.epa.gov/air-emissions-factors-and-quantification/ap-42-compilation-air-emission-factors>