MARYLAND DEPARTMENT OF THE ENVIRONMENT

AIR AND RADIATION ADMINISTRATION APPLICATION FOR A PERMIT TO CONSTRUCT

DOCKET #09-24

COMPANY: Mountaire Farms of Delaware, Inc.

LOCATION: 11761 Cordova Rd., Cordova, MD 21625

APPLICATION: A grain drying and handling facility

<u>ITEM</u>	DESCRIPTION
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, Equipment List, Emissions Calculations, 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 July 19, 2024 for a grain drying and handling facility. The proposed installation is located at 11761 Cordova Rd., Cordova, MD 21625.

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 42 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 09-24). 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.

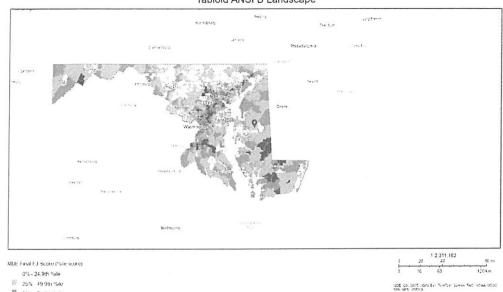
For land permits pertaining to Biosolids, please call 410-537-3403.

Area of Interest (AOI) Information

May 16 2024 14:24:07 Eastern Daylight Time

25% 1998 Nate 350% - 74 9th Nate 35% 100th Nate

Tabloid ANSI B Landscape



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
(CAPUS)	0	N/A	N/A
	0	N/A	N/A
	0	N/A	N/A
Landfills		N/A	N/A
	0	N/A	N/A
		N/A	N/A
		N/A	N/A
		N/A	N/A
·		N/A	N/A
		N/A	N/A
			N/A
			N/A
			N/A
			N/A
Commercial Anaerobic Digester (MD)	0		N/A
Out of State Facilities	0		N/A
30 mile buffer (Maryland)	1		N/A
30 Mile Buffer (Out of State)			N/A
Land Restoration Facilities	0		N/A
Determinations (points)	0		N/A
			N/A
·			N/A
N-11 - O1 NO ON	o	N/A	N/A
Active Coal Mine Sites			

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	24041960100	Census Tract 9601, Talbot County, Maryland	3853	28.42	42.24	N/A

Overburdened Communities Combined Score

#	GEOID20	Geographic_Area_ Name	TotalPop	Overburd_Exposu re_Percent	Overburd_Exposu re_Percentile	Overburd_Poll_En viro_Percent	Overburd_Poll_En viro_Percentile	Sensitive_Populati on_Percent
1	24041960100	Census Tract 9601, Talbot County, Maryland	3,853	36.30	5.19	2.87	16.95	86.27

#	Sensitive_Population_Percentile	OverburdenedAllPercent	OverburdenedAllPercentile	Area(mi²)
1	97.13	73.55	58.65	N/A

Overburdened Pollution Environmental Score (%ile score)

#	GEOID20	Geographic_Area_ Name	RentalsOccupiedP re79Percent	Percentile	PercentRMP	PercentRMPEJ	PercentHazWaste	PercentHazWaste EJ
1	24041960100	Census Tract 9601, Talbot County, Maryland	10.84	45.66	4.93	6.83	0.33	2.17

#	PercentSuperFund NPL	PercentSuperFund NPLEJ	PercentHazWW	PercentHazWWEJ	BrownFPercent	Percentile_1	PercentPowerPlan ts	Percentile_12
1	1.67	3.09	0.00	0.00	8.02	99.86	0.00	0.00

#	PercentCAFOS	Percentile_12_13	PercentActiveMines	Percentile_12_13_14	PollutionEnvironment alPercent	PollnEnvironmentalP ercentile	Area(mi²)
1	20.16	98.56	0.00	0.00	2.87	16.95	N/A

Overburdened Exposure Score (%ile score)

#	GEOID20	Geographic_Area_ Name	Total_Pop	PercentNATA_Can cer	Percentile_NATA_ Cancer	PercentNATA_Res p_HI	Percentile_NATA_ Resp_HI	PercentNATA_Dies el
1	24041960100	Census Tract 9601, Talbot County, Maryland	3,853.00	40.00	4.41	60.00	7.33	13.33

#	Percentile_NATA_ Diesel	PercentNATA_PM2 5	PercentileNATA_P M25	PercentOzone	PercentileOzone	PercentTraffic	PercentileTraffic	PercentTRI
1	3.54	78.43	2.56	93.00	9.18	0.34	2.17	5.26

#	PercentileTRI	PercentHazWasteLF	Percentile_HazWasteLF	PoilutionExposurePercen t	PollutionExposurePercen tile	Area(mi²)
1	80.18	0.00	0.00	36.30	5.19	N/A

Overburdened Sensitive Population (%ile score)

#	GEOID20	Geographic_Area_ Name	PerAstma	PercentileAst	PerMyo	PercentileMyo	PerLow	PercentileLow
1		Census Tract 9601, Talbot County, Maryland	98.70	84.21	98.60	81.68	59.30	63.36

L	#	PercentBroad	PercentileBroad	PercentSens	PercentileSens	Area(mi²)
1		11.51	59.88	67.03	72.28	N/A

	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 acoss Maryland)	Area(mi²)
1	24041960100	Census Tract 9601, Talbot County, Maryland	3,853	13.83	8.62	0.07	7.50	8.70	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(mi²)
1	24	041	00592947	24041	Talbot	No Data	Attainment/Unc lassifiable	No Data	No Data	N/A

Fine Particles (2012)

#	STATEFP10	COUNTYFP10	COUNTYNS10	GEOID10	NAME10	PM2.5 (2012) Status	Area(mi²)
1	24	041	00592947	24041	Taibot	Attainment/Unclassifia ble	N/A

Biosolids FY 2020 and Current Permits Distribution By Acreage

#	County Name	FY2020andAfter	Area(mi²)
1	Taibot	2,395.40	N/A

Biosolids FY2015 - 2019 Permits Distribution By Acreage

	#	County Name	FY2015to2019	Area(mi²)
1	1	Taibot	2,119.40	N/A

Biosolids FY2010 - 2014 Permits Distribution By Acreage

#	County Name	FY2010to2014	Area(mi²)
1	Talbot		N/A

Biosolids FY2009 Permits Expired Distribution By Acreage

	#	County Name	FY2009	Area(mi²)
1		Talbot	No Data	N/A

Biosolids FY 2020 and Current Permit Distribution By Percent Coverage

#	County Name	FY2020andAfter	Area(mi²)
1	Talbot	2,395.40	N/A

Biosolids FY2015 - 2019 Permit Distribution By Percent Coverage

#	County Name	FY2015to2019	Area(mi²)
1	Talbot	2,119.40	N/A

Biosolids FY2010 - 2014 Permit Distribution By Percent Coverage

	#	County Name	FY2010to2014	Area(mi²)
1	- 1	Taibot	3,884.10	N/A

Biosolids FY2009 Expired Permit Distribution By Percent Coverage

#	County Name	FY2009	Area(mi²)
1	Talbot	No Data	N/A

10 Miles from Landfill

#	County	Туре	Facility_N	ADDRESS	FILL	SITEACRE	Al_No_	Owner_Type
1	CAROLINE	WMF	MidshorellRegional MunicipalLF	12236 River Road, Ridgely, MD 21660.	71.3	224.00	63,591.00	MES
2	TALBOT	WMF	Midshore Regional MunicipalLF	7341 Barkers Landing Road, Easton MD 21601.	67	140.00	11,369.00	MES
3	TALBOT	wrs	Midshore TransferStation	7341 Barkers Landing Road, Easton MD 21601.	0.5	140.00	11,369.00	MES

#	MD_GRIDE	PERMITNUMB	EXPIRATION	Area(mi²)
1	405 /113	2013-WMF-0608	2/3/2019, 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_Phon e	Contact_2_Emai I	URL	Area(mi²)
1	Twin Maples Compost Facility	Ryan Slack	(336) 207-9310	rslack@midatlanti corganic.com	No Data	No Data	No Data	https://midatlantic organic.com/	N/A



May 22, 2024

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

Reference: Mountaire Farms of Delaware Inc. – Cordova Grain Facility

Mr. Hafner:

Please find enclosed the application packet for our Cordova Grain Facility located at 11761 Cordova Road, Maryland which involves air permitting the facility properly. Mountaire 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. All gravity and mechanical load outs will be equipped with a dust sock.

Grain throughput for the facility: 300,000

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

Regards,

Kyle McConnell
Kyle McConnell

Environmental Manager

Mountaire Farms

Mountaire Farms of Delaware Inc. – Cordova Grain Facility Equipment List

Grain Storage

Identification	No. of Bushels
Tank 1	42,000
Tank 2	42,000
Tank 3	42,000
Tank 4	385,000
Tank 5	150,000
Tank 6	160,000
Tank 7	100,000
Tank 8	170,000
Tank 9	165,000
Tank 10	300,000
Tank 11	190,000
Ground Corn Piles (2 million & 200,000 bushels)	2,200,000
Total Grain Storage	3,946,000

Wet Tanks

Identification	No. of Bushels
Wet Tank 1	10,000
Wet Tank 2	10,000
Wet Tank 3	10,000
Wet Tank 4	10,000
Wet Tank 5	10,000
Total Wet Grain Storage	50,000

Grain Dryer

Identification	No. of Bushels / Hour
Grain Dryer 1 (Propane) (Brock Dryer)	3,500
Grain Dryer 2 (Propane) (Zimmerman Dryer)	1,512

Grain Receiving Pit

Identification	No. of Bushels / Hour
Truck Receiving Pit 1	750-bushel capacity
Receiving Pit Drag	15,500

Grain Elevator Legs

Identification	No. of Bushels / Hour
Receiving Leg	15,500
Wet Leg	6,000
Dry Leg	6,000

Mechanical Loadouts

Identification	No. of Bushels / Hour
Receiving Leg Loadout	15,500
Wet Leg Loadout	6,000
Dry Leg Loadout	6,000
#10 incline tube screw loadout	7,500
#4 incline tube screw loadout	6,000
#8 incline tube screw loadout	5,500
#11 incline tube screw loadout	6,500
#9 incline tube screw loadout	5,500
#6 incline tube screw loadout	4,500
#5 incline tube screw loadout	4,500
#7 incline tube screw loadout	5,000

Grain Turn Heads

Identification	Туре
Turn Head 1	9-hole flat back turn head
Turn Head 2	8-hole flat back turn head
Turn Head 3	4-hole flat back turn head

Gravity Loadouts

Identification	No. of Bushels / Hour
Gravity loadout tank 1	6,000
Gravity loadout tank 2	6,000
Gravity loadout tank 4	6,000
Gravity loadout tank 5	6,000
Gravity loadout tank 6	6,000
Gravity loadout tank 7	6,000
Gravity loadout tank 8	6,000
Gravity loadout tank 9	6,000
Gravity loadout tank 10	6,000
Gravity loadout tank 11	6,000
Gravity loadout wet tank 4	6,000

Overhead Grain Transfer Drags

Identification	No. of Bushels / Hour
#8/4/10 top drag	15,000
Tank 8 top drag	16,000
#11 top drag	16,000
#6/9 top drag	6,000
#5/6 top drag	6,000
#2/5 top drag	5,000
#1/7 top drag	12,000

Tunnel Drags

Identification	No. of Bushels / Hour
#4 tunnel drag	6,500
#11 tunnel drag	6,500
Wet #1/2 drag	5,500

Tube Screws

Identification	No. of Bushels / Hour
Zimmerman dryer U trough screw	5,000
Brock dryer U trough screw	5,000
Dry leg U trough screw	5,000
#3 tube screw	2,500
#7 tube screw	4,000
#1 tube screw	2,500
#2 tube screw	2,500
#5 U trough tube screw	4,000
#6 U trough tube screw	4,000
#9 U trough tube screw	6,000
Wet #3 U trough screw	4,000
Wet #4/5 U trough screw	4,000

Ground Corn Pile Storage Equipment

Identification	No. of Bushels / Hour
Load in Hamilton Belt System	10,000
Loadout Hamilton Belt System	10,000

Potential Emissions

Z				S	<u> </u>	팙	Π										I				െ
otal tons of er		Grain Drying		Storage Bin (vent)	Grain Cleaning ³	Headhouse & Handling ²		Shipping	Loadout /				Necelving	Describing				Act			rain elevato
Total tons of emissions (excluding dryer combustion)	Column	Rack (<50 mesh)	Rack)		andling ²	Ship	Barge	Railcar	Truck unspecified	Ship	Barge marine leg	Barge unload cont.	Rail	Truck hopper	Truck straight		Activity		ω	Grain elevator potential emissions
g dryer combusti	300,000.0	0.0	0.0	600,000.0	0.0	900,000.0	0.0	0.0	0.0	300,000.0	0.0	0.0	0.0	0.0	0.0	300,000.0	300,000.0	(tons/year)	Maximum Capacity	ъ	ssions
on)								6	00%									(% control)	PM Control Efficiency	C	
	0.22	0.47	သ	0.025	0.375	0.061	0.048	0.016	0.027	0.086	0.15	0.15	0.029	0.032	0.035	0.18		(lb/ton)	PM Emission Factor	۵	
107.85	33.00	0.00	0.00	7.50	0.00	27.45	0.00	0.00	0.00	12.90	0.00	0.00	0.00	0.00	0.00	27.00	b*d/2000	(tons/year)	PM Emissions	е	
								6	00%									(% control)	PM ₁₀ Control Efficiency	-	
	0.055	0.12	0.75	0.0063	0.095	0.034	0.012	0.004	0.0022	0.029	0.038	0.038	0.0073	0.0078	0.0078	0.059		(lb/ton)	PM ₁₀ Emission Factor	g	Sour
38.64	8.25	0.00	0.00	1.89	0.00	15.30	0.00	0.00	0.00	4.35	0.00	0.00	0.00	0.00	0.00	8.85	b*g/2000	(ton/year)	PM ₁₀ Emissions	h	ce unless otherwi
	0.0094	0.02	0.13	0.0011	0.016	0.0058	0.0022	0.00055	0.00037	0.0049	0.005	0.005	0.0019	0.0013	0.0013	0.01		(lb/ton)	PM _{2.5} Emission Factor	5	Source unless otherwise noted: EPA AP-42 Chapter 9.9.1
6.59	1.41	0.00	0.00	0.33	0.00	2.61	0.00	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.00	1.50	b*h*(1-f)/2000	(ton/year)	PM _{2.5} Emissions		'-42 Chapter 9.9.1

Emissions with Control Efficiencies:

2.26		13.24			36.39		om dryers)	ng combustion from	Total tons emissions (excluding combustion from dryers)	Total tons en
	0.0094	3.30	0.055	60%	13.20	0.22	60%	300,000.0	Column	
	0.02	0.00	0.12	0%	0.00	0.47	0%		Rack (<50 mesh)	Grain Drying
	0.13	0.00	0.75	0%	0.00	3	0%		Rack	
l	0.0011	0.76	0.0063	60%	3.00	0.025	60%	600,000.0	t)	Storage Bin (vent)
I	0.016	0.00	0.095	0%	0.00	0.375	0%			Grain Cleaning ⁶
I	0.0058	6.12	0.034	60%	10.98	0.061	60%	900,000.0	andling ⁵	Headhouse & Handling ⁵
I	0.0022	0.00	0.012	0%	0.00	0.048	0%		Ship	
l	0.00055	0.00	0.004	0%	0.00	0.016	0%		Barge	Shipping
1	0.00037	0.00	0.0022	0%	0.00	0.027	0%		Railcar	Loadout /
	0.0049	1.74	0.029	60%	5.16	0.086	60%	300,000.0	Truck unspecified	
	0.005	0.00	0.038	0%	0.00	0.15	0%		Ship	
	0.005	0.00	0.038	0%	0.00	0.15	0%		Barge marine leg	
	0.0019	0.00	0.0073	0%	0.00	0.029	0%		Barge unload cont.	Nacainiid
I	0.0013	0.00	0.0078	0%	0.00	0.032	0%		Rail	U D D D D D D D D D D D D D D D D D D D
	0.0013	0.00	0.0078	0%	0.00	0.035	0%		Truck hopper	
	0.01	1.33	0.059	85%	4.05	0.18	85%	300,000.0	Truck straight	
b*h*(1-f)/2000		b*g*(1-f)/2000			b*d*(1-c)/2000					
(ton/year)	(lb/ton)	(ton/year)	(lb/ton)	(% control)	(tons/year)	(lb/ton)	(% control)	(tons/year)	Activity	2
PM _{2.5} Emissions	PM _{2.5} Emission Factor	PM ₁₀ Emissions	PM ₁₀ Emission Factor	PM ₁₀ Control Efficiency ¹	PM Emissions	PM Emission Factor	PM Control Efficiency ¹	Actual Throughput		>
	h	ų	g	Ť	е	р	0	р	a	
42	ise noted: EPAAP-42 Chapter 9.9.1	Source unless otherwise noted	Sour					ons	Grain elevator actual emissions	Grain elevato

Grain Dryer 1:

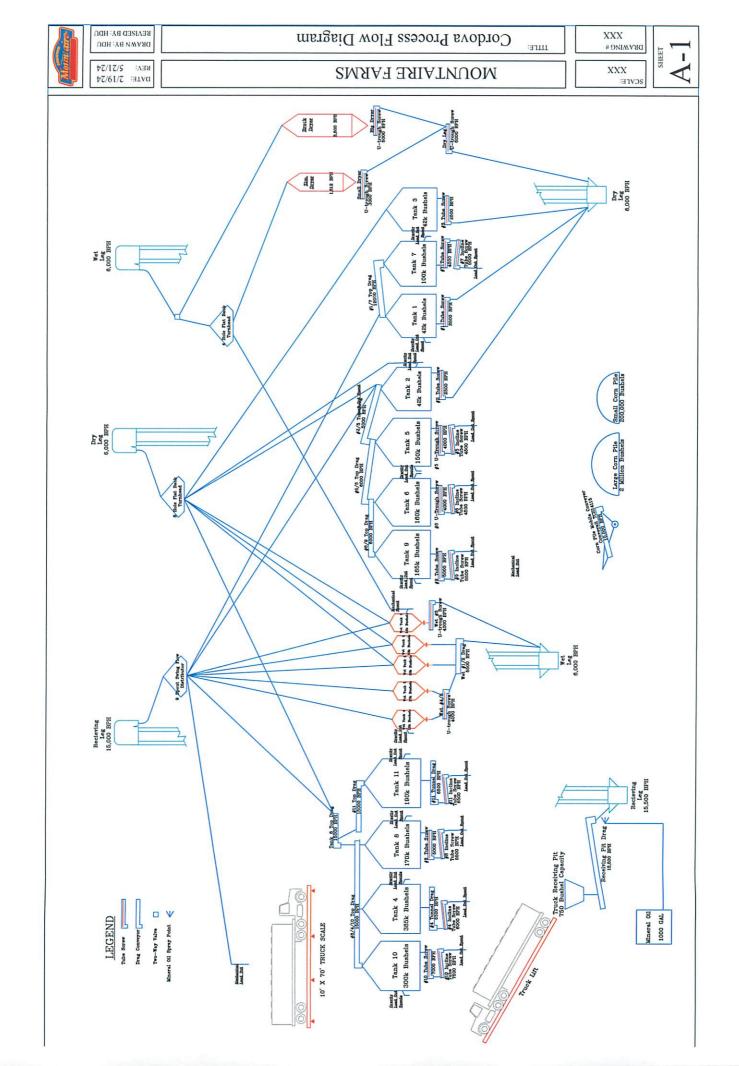
0.0010	0.2199		HAP total				
0.0000	0.0000	0.000000000883					Selenium
0.0000	0.0002	0.0000000772					Nickel
0.0000	0.0000	0.00000000956					Mercury
0.0000	0.0000	0.00000001398					Manganese
0.0000	0.0000	0.000000003089					Cobalt
0.0000	0.0002	0.0000000515					Chromium
0.0000	0.0001	0.0000000405					Cadmium
0.0000	0.0000	0.000000000441					Beryllium
0.0000	0.0000	0.00000000736					Arsenic
0.0000	0.0004	0.0000001250					Toluene
0.0000	0.0001	0.00000002243					Naphthalene
0.0010	0.2098	0.0000662					Hexane
0.0000	0.0087	0.0000028					Formaldehyde
0.0000	0.0002	0.0000000772					Benzene
EPA AP-42 Chapter 1.4	Source: I				nts	Pollutan	Hazardous Air Pollutants
181.42	39322.97		GHG Total (CO ₂ e) ²				
0.0003	0.0639	0.0000202				298	N ₂ O
0.0029	0.6392	0.0002017				25	CH ₄
181.26	39287.94	12.40				1	CO ₂
o.C.Table C-1 and C-2	Source: 40 CFR 98, Subp. C.				sions	3as Emis	Greenhouse Gas Emissions
		n/a					Lead
0.11	23.77	0.0075					8
0.01	3.17	0.0010					VOC
0.19	41.20	0.0130					NOx
0.00	0.57	0.00018					sox
0.01	2.22	0.0007					PM2.5
0.01	2.22	0.0007					PM10
0.01	2.22	0.0007					PM
EPA AP-42 Chapter 1.5	Source: I					llutants	Criteria Air Pollutants
		by pollutant	8760	29240.80	723.50		
(c*e)/2000	(b * d * e) / 2000		24 hrs/day * 365 days/yr		(Btu/hr) / (91500 Btu/gal)		
(tons/yr)	(ton/yr)	(lb/gal)	(hr/yr)	(gal/yr)	(gal/hr)		
Actual Emissions	Potential Emissions	Emission Factor	Hours in a Year	Actual propane burned	Dryer hourly propane usage	GWP ¹	Pollutant
		Φ	۵	С	ь	a	
					Propane potential and actual emissions	ntial and	Propane pote

Grain Dryer 2:

0.0010	0.0553		HAP total				
0.0000	0.0000	0.000000000883					Selenium
0.0000	0.0001	0.0000000772					Nickel
0.0000	0.0000	0.00000000956					Mercury
0.0000	0.0000	0.00000001398					Manganese
0.0000	0.0000	0.000000003089					Cobalt
0.0000	0.0000	0.0000000515					Chromium
0.0000	0.0000	0.0000000405					Cadmium
0.0000	0.0000	0.000000000441					Beryllium
0.0000	0.0000	0.00000000736					Arsenic
0.0000	0.0001	0.0000001250					Toluene
0.0000	0.0000	0.00000002243					Naphthalene
0.0010	0.0528	0.0000662					Hexane
0.0000	0.0022	0.0000028					Formaldehyde
0.0000	0.0001	0.0000000772					Benzene
Source: EPA AP-42 Chapter 1.4	Source:				nts	· Pollutar	Hazardous Air Pollutants
181.42	9892.52		GHG Total (CO ₂ e) ²				
0.0003	0.0161	0.0000202			3	298	N ₂ O
0.0029	0.1608	0.0002017			O1	25	CH ₄
181.26	9883.71	12.40				1	CO ₂
p. C, Table C-1 and C-2	Source: 40 CFR 98, Subp.				Emissions		Greenhouse Gas
		n/a					Lead
0.11	5.98	0.0075					CO
0.01	0.80	0.0010					Voc
0.19	10.36	0.0130					NOx
0.00	0.14	0.00018					sox
0.01	0.56	0.0007					PM2.5
0.01	0.56	0.0007					PM10
0.01	0.56	0.0007					PM
Source: EPA AP-42 Chapter 1.5	Source:					llutants	Criteria Air Pollutants
		by pollutant	8760	29240.80	182.01		
(tons/yr) (c * e) / 2000	(ton/yr) (b * d * e) / 2000	(lb/gal)	(hr/yr) 24 hrs/day * 365 days/yr	(gal/yr)	(gal/hr) (Btu/hr) / (91500 Btu/gal)		
Actual Emissions	Potential Emissions	Emission Factor	Hours in a Year	Actual propane burned	Dryer hourly propane usage	GWP ¹	Pollutant
		Φ	a	C	ь	а	
					Propane potential and actual emissions	ntial and	Propane pote

Facility Combined Emissions with Controls:

Pollutant	Grain Elevator	Feed Mill	Natural Gas	Propane	Fugitive	Actual Emissions	
	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	
Criteria Air Pollutants	ants						
PM	96.39			0.02		36.41	
PM10				0.02		13.26	
PM2.5	2.26			0.02		2.28	
SOx						0.00	
NOx				0.38		0.38	
Voc				0.02		0.02	
CO				0.22		0.22	
Lead						0.00	
Greenhouse Gas	Gas Emissions						
CO ₂				181.26		181.26	
CH ₄				0.00		0.0029	
N ₂ O				0.00		0.0003	
GHG Total CO ₂ e				181.42		181.42	
Hazardous Air Pollutants	llutants						
Benzene				0.00		0.0000	
Formaldehyde				0.00		0.0000	
Hexane				0.00		0.0010	
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					0.0010	
HAP total						0.0010	





(2)

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 - Cordova Grain Facility
PREMISES ADDRESS:	11761 Cordova Road, Cordova, Maryland, 21625
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmcconnell@mountaire.com
DES	CRIPTION OF EQUIPMENT OR PROCESS
Corn Pile Storage Equipment:	Load-in Hamilton Belt System & Load-out Hamilton Belt System - 10,000 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.

\boxtimes	Application package cover letter describing the proposed project						
\boxtimes	Complete application forms (Note the number of forms included or NA if not applicable.)						
	No. 1 Form 5 No. NA Form 11 No. NA Form 5T No. NA Form 41 No. NA Form 5EP No. NA Form 42 No. NA Form 6 No. NA Form 44 No. NA Form 10						
	Vendor/manufacturer specifications/guarantees						
\boxtimes	Evidence of Workman's Compensation Insurance						
\boxtimes	Process flow diagrams with emission points						
\boxtimes	Process flow diagrams with emission points Site plan including the location of the proposed source and property boundary						
\boxtimes	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.						

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/	MANUFAC'	TURING EQUIPMEN	IT
Permit to Construct	Registration	Service of the servic	Initial Registration	

1 chille to	Construct	Registration Opdate	Ilitiai Registiati	on a
1A. Owner of Equipme	nt/Company Name	е	DO NOT WRITE	E IN THIS BLOCK
Mountaire Farms of De	laware Inc.		2. REGISTRA	TION NUMBER
Mailing Address			County No.	Premises No.
P.O. Box 1320			County No.	Tremises No.
Street Address				
Millsboro	Delaware	19966	1-2 Registration Class	3-6 Equipment No.
City	State	Zip	Registration class	Lquipment No.
Telephone Number				
(302) 841-4629			Data Year	8-11
0.			Data Teal	
Signature	2011			
- Whillis	Khlen		12-13	Application Date
Phillip Plylar - Pres	ident		6-3-202	4
Print Name and Title			Date	
1B. Equipment Location	on and Telephone	Number (if different fr	om above)	
11761 Cordova Ro	ad	,	•	
Street Number and Street	et Name			
Cordova	Maryland	2	1625 (302)	841-4629
City/Town	State		Zip Telep	phone Number
Mountaire Farms o	f Delaware Inc Co	ordova Grain Facility		
Premises Name (if diffe	rent from above)			
3. Status (A= New, B=	Modification to Ev	isting Equipment C=	Evisting Equipment	
	w Construction	New Construction		ng Initial
	egun (MM/YY)	Completed (MM/Y)		n (MM/YY)
C				
15	16-19	20-23		20-23
4. Describe this Equip	ment Make Model	Features Manufactures	r (include Maximum Ho	urly Input Pate etc.)
Hamilton Belt System - Lo		, reatures, manufacturer	(morade maximum ric	——————————————————————————————————————
5. Workmen's Compen	sation Coverage_	See attached.		
Company		Binder/Policy Number		Expiration Date
		ed by the Department, the ap required under Section 1-20		
6A. Number of Pieces	of Identical Equipr	ment Units to be Regis	stered/Permitted at th	nis Time 2
6B. Number of Stack/E	mission Points As	ssociated with this Equ	uipment <u>2</u>	
	•			

7. Person Installing this Equipment (if different from Number 1 on Page 1) NameTitle
Company
Mailing Address/Street_
City/Town State Telephone ()
8. Major Activity, Product or Service of Company at this Location
Grain Elevator - receives, drys and ships all grains.
O Control Davis on Associated with this Frankowski
9. Control Devices Associated with this Equipment
None 24-0
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Baghouse Thermal/Catalytic Dry Scrubber Cyclone Tower Scrubber Adsorber Precipitator 24-1 24-2 24-3 24-4 24-5 24-6 24-7 24-8
Other
Describe Mineral oil applied to all grains receivied. Dust sock attached to the loadout.
24-9
10. Annual Fuel Consumption for this Equipment
OIL-1000 GALLONS SULFUR % GRADE NATURAL GAS-1000 FT ³ LP GAS-100 GALLONS GRADE 26-31 32-33 34 35-41 42-45
COAL- TONS SULFUR % ASH% WOOD-TONS MOISTURE % 46-52 53-55 56-58 59-63 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 (Total Seasons= 100%) 76 77-78 79-80 81-82 83-84

12. Equivalent Stack Innformation- is Exhaust through Doors, Windows, etc. Only? (Y/N)						
<u> </u>						
If not, then	Height Avove Grour	nd (FT) Inside Diameter at To	p Exit Tempe	rature (°F)	Exit Velocity (F	T/SEC)
	86-88	<u> </u>	92-9		96-98	
	80-00		92-		30-30	
Adda ala a lal		NOTE:	. 41		41	£
Attach a bi		ocess/process line, indica equipment, including conf				torm
	and an existing e	quipinent, merading com				
	terials (for this equ		¬			
ls any of	this data to be cor	nsidered confidential?	(Y or N)	IMDII	T RATE	
1	NAME	CAS NO. (IF APPLICABLE)	 PER HOUR	UNITS	PER YEAR	UNITS
1.		(
2.						
3.						
4 . 5 .						-
6.						
7.						
8.						
9.						
TOTAL						
14. Output M	aterials (for this e	guipment)				
	/Product Stream	,				
		L 040 NO (15 APPLICABLE)			PUT RATE	
1.	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
2.						
3.						
4.						
5.						
6. 7.						
8.						,
9.						
TOTAL						
15 Wasta Str	reams- Solid and L	iquid				
is. Waste Sti	eams- Some and L	.iquiu		OUTF	PUT RATE	
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.			-			
3.						
4.						
5.	•					-
6.						
7.						
9.						
TOTAL				<u> </u>		
TOTAL						

Form Number: 5 Rev. 9/27/2002 TTY Users 1-800-735-2258

16. Total Stack Emissions (for this	equipment only) in Pounds F	Per Operating Day	
Particulate Matter	Oxides of Sulfur	Oxides of Nitrogen	
See attached air emmissions			
99-104	105-110	111-116	
Carbon Monoxide	Volatile Organic Compounds	PM-10	
177-122	123-128	129-134	
17. Total Fugitive Emissions (for t	his equipment only) in Pound	s Per Operating Day	
Particulate Matter	Oxides of Sulfur	Oxides of Nitrogen	
See attached air emmissions	140-144	145-149	
Carbon Monoxide	Volatile Organic Compounds	PM-10	
150-154	155-159	160-164	
Method Used to Determine Emissi	ons (1= Estimate 2= Em	nission Factor 3= Stack Test 4= Othe	er)
TSP SOX	NOX CO	VOC PM10	
165 166	167 168	169 170	
	167 168 TION MANAGEMENT ADMINIS		
	TION MANAGEMENT ADMINIS Rec'd. State Retu		
AIR AND RADIA	Rec'd. State Retu	rn to Local Jurisdiction	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic Date By	Rec'd. State Retu Date_	rn to Local Jurisdiction By by State	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y	Rec'd. State Retu Date tion Reviewed Date ear Equipment Code	stration use only rn to Local Jurisdiction by State SCC Code	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdice Date By 19. Inventory Date Month/Y 171-17	Rec'd. State Retu Date tion Reviewed Date ear Equipment Code 175-177 Maximum Design Perm	by State SCC Code 178-185 It to Operate STRATION USE ONLY Provided Transaction Date	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y	Rec'd. State Return Date tion Reviewed Date Equipment Code	stration use only rn to Local Jurisdiction By by StateBy SCC Code 178-185	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdice Date By 19. Inventory Date Month/Y 171-17	Rec'd. State Retu Date tion Reviewed Date ear Equipment Code 175-177 Maximum Design Perm	by State SCC Code 178-185 It to Operate STRATION USE ONLY Provided Transaction Date	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 20. Annual Operating Rate	Rec'd. State Return Date tion Reviewed Date ear Equipment Code 175-177 Maximum Design Hourly Rate 193-199	stration use only rn to Local Jurisdiction	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 20. Annual Operating Rate	Rec'd. State Return Date tion Reviewed Date ear Equipment Code 175-177 Maximum Design Hourly Rate 193-199 SIP Code Regular	stration use only rn to Local Jurisdiction	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 20. Annual Operating Rate 186-192 Staff Code VOC Code 208-210 211 212	Rec'd. State Return Date tion Reviewed Date ear Equipment Code 175-177 Maximum Design Hourly Rate 193-199 SIP Code Regular	stration use only rn to Local Jurisdiction	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 20. Annual Operating Rate 186-192 Staff Code VOC Code 208-210 Point	Rec'd. State Return Date tion Reviewed Date ear Equipment Code 175-177 Maximum Design Hourly Rate 193-199 SIP Code 213 214 Return Date 218	stration use only rn to Local Jurisdiction By by State SCC Code 178-185 Int to Operate Month (MM/DD/YR) 200-201 tion Code Confidentiality 5-218 219	

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(2)

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 Cordova Grain Facility
PREMISES ADDRESS:	11761 Cordova Road, Cordova, Maryland, 21625
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmcconnell@mountaire.com
DES	SCRIPTION OF EQUIPMENT OR PROCESS
	Brock Grain Dryer (Dryer 1) 3,500 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.

\boxtimes	Application package cover letter describing the proposed project			
\boxtimes	Complete application forms (Note the numbe applicable.)	r of forms included or NA if not		
	No. NA Form 5T No. NA Form 5EP	No. NA Form 11 No. NA Form 41 No. NA Form 42 No. NA Form 44		
	Vendor/manufacturer specifications/guarante	es		
\boxtimes	Evidence of Workman's Compensation Insura	ance		
\boxtimes	Process flow diagrams with emission points			
\boxtimes	Site plan including the location of the proposed source and property boundary Material balance data and all emissions calculations			
\boxtimes				
\boxtimes	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 use requirements ⁽²⁾	complies with local zoning and land		
	(1) Required for emergency and non-emergency generators installed on or after October 1, 2001 and rated at 2001 kW or more.			

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 I

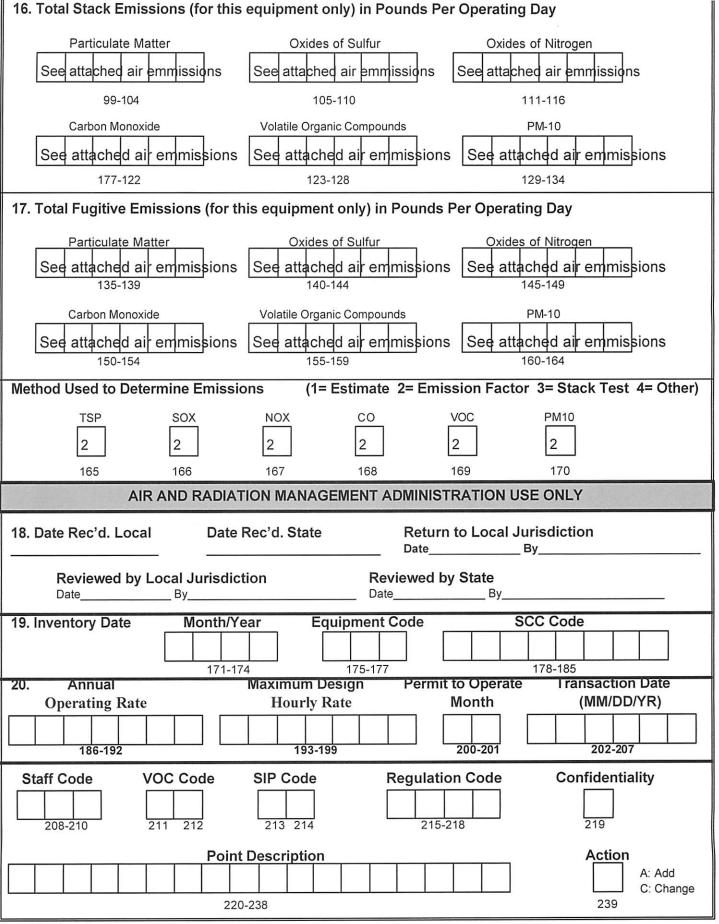
1A. Owner of Equipment/Company	y Name	DO NOT WRITE IN THIS BLOC		
Mountaire Farms of Delaware Inc.		2. REGISTRATION NUMBER		
Mailing Address		County No. Premises No		
P.O. Box 1320		County No.		
Street Address	to record			
MIllsboro Delawar		1-2 3-6 Registration Class Equipment N	10	
City State	Zip	Registration class Equipment N	ю.	
Telephone Number				
(302) 841-4629		7 8-11 Data Year		
		Data Teal		
Signature	0			
Chilles Volle		12-13 Application Date	•	
- Jan Grand			-	
Phillip Plylar - President		6-3-2024 Date		
Print Name and Title		Date		
1B. Equipment Location and Tele	phone Number (if differe	ent from above)		
11761 Cordova Road		,		
Street Number and Street Name				
Cordova M	aryland	21625 (302) 841-4629		
City/Town	State	Zip (302) 841-4629 Telephone Number	-	
Mountaire Farms of Delaware I	nc Cordova Grain Facili	itv		
Premises Name (if different from above		-,		
2 Status (A - Nov. D - Madification	n to Eviction Envisorent	C- Evistina Equipment		
3. Status (A= New, B= Modification New Construct				
Status Begun (MM/Y)				
15 16-19	20-23	20-23		
		cturer (include Maximum Hourly Input Rate, e	etc.)	
Brock Grain Dryer 3,500 bph - propane				
5. Workmen's Compensation Cove	erage_ See attached.			
Company	Binder/Policy Numbe	er Expiration Date		
		the applicant must provide the Department with proof	of	
worker's compensation cov	erage as required under Section	n 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 Po	ints Associated with this	s Equipment_ ^I	_	

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7. Person Installing this Equipment (if different from Number 1 on Page 1) NameTitle
Company
Mailing Address/Street
City/TownStateTelephone ()
8. Major Activity, Product or Service of Company at this Location
Grain Elevator - receives, drys and ships all grains.
9. Control Devices Associated with this Equipment
None
<u> </u>
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Baghouse Thermal/Catalytic Dry
Cyclone Tower Scrubber Adsorber Precipitator Afterburner Scrubber
24-1 24-2 24-3 24-4 24-5 24-6 24-7 24-8
Other
Describe Mineral oil applied to all grains 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
See attached air emmissions
26-31 32-33 34 35-41 42-45
COAL-TONS SULFUR % ASH% WOOD-TONS MOISTURE %
46-52 53-55 56-58 59-63 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 <u>Variation Winter Percent Spring Per</u> cent Summer Percent <u>Fall Perce</u> nt (Total Seasons= 100%)
76 77-78 79-80 81-82 83-84

12. Equivalent Stack Innformat	tion- is Exhaust through D	oors, Windows	, etc. Onl	y? (Y/N)	
				85	
If not, then Height Avove Groui	nd (FT) Inside Diameter at To	p Exit Temper	ature (°F)	Exit Velocity (F	FT/SEC)
				1 1	
	90.04	02.6		06.08	
86-88	89-91	92-9	95 	96-98	
	NOTE:				
Attach a block diagram of pr					form
and all existing e	equipment, including cont	trol devices and	emissio	n points.	
13. Input Materials (for this equ	inment only)				
Is any of this data to be con		(Y or N)			
			INPU	T RATE	
NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.					
2.					
3.					
4 . 5 .					
6.					
7.					<u> </u>
8.					<u> </u>
9.					<u> </u>
TOTAL		· ·			<u>!</u>
14. Output Materials (for this e	quipment)				
Process/Product Stream			OUT	OUT DATE	
i NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PUT RATE PER YEAR	UNITS
1.					55
2.				-	
3.					
4.					
5.					
6.					
7. 8.					
9.					
TOTAL					<u> </u>
15. Waste Streams- Solid and L	_iquid				
				PUT RATE	
NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.					
3.					
4.					l
5.					
6.					
7.					
8.					

Form Number: 5 Rev. 9/27/2002 TTY Users 1-800-735-2258



Form Number: 5 Rev. 9/27/2002 TTY Users 1-800-735-2258

Page 4 of 4 Recycled Paper



(2)

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 Cordova Grain Facility	
PREMISES ADDRESS:	11761 Cordova Road, Cordova, Maryland, 21625	
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell	
JOB TITLE:	Environmental Manager	
PHONE NUMBER:	(302) 841-4629	
EMAIL ADDRESS:	kmcconnell@mountaire.com	
DESCRIPTION OF EQUIPMENT OR PROCESS		
	Zimmerman Grain Dryer (Dryer 2) - 1,512 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.

\boxtimes	Application package cover letter describi	cation package cover letter describing the proposed project		
\boxtimes	Complete application forms (Note the nu applicable.)	mber of forms included or NA if not		
	No. 1 Form 5 No. NA Form 5T No. NA Form 5EP No. NA Form 6 No. NA Form 10	No. NA Form 11 No. NA Form 41 No. NA Form 42 No. NA Form 44		
	Vendor/manufacturer specifications/guar	rantees		
\boxtimes	Evidence of Workman's Compensation Insurance			
\boxtimes	Process flow diagrams with emission points			
\boxtimes	Site plan including the location of the proposed source and property boundary			
\boxtimes	Material balance data and all emissions calculations			
\boxtimes	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 installause requirements (2)	ation complies with local zoning and land		
	(1) Required for emergency and non-emergency generators installed on or after October 1, 2001 and rated at 2001 kW or more.			

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

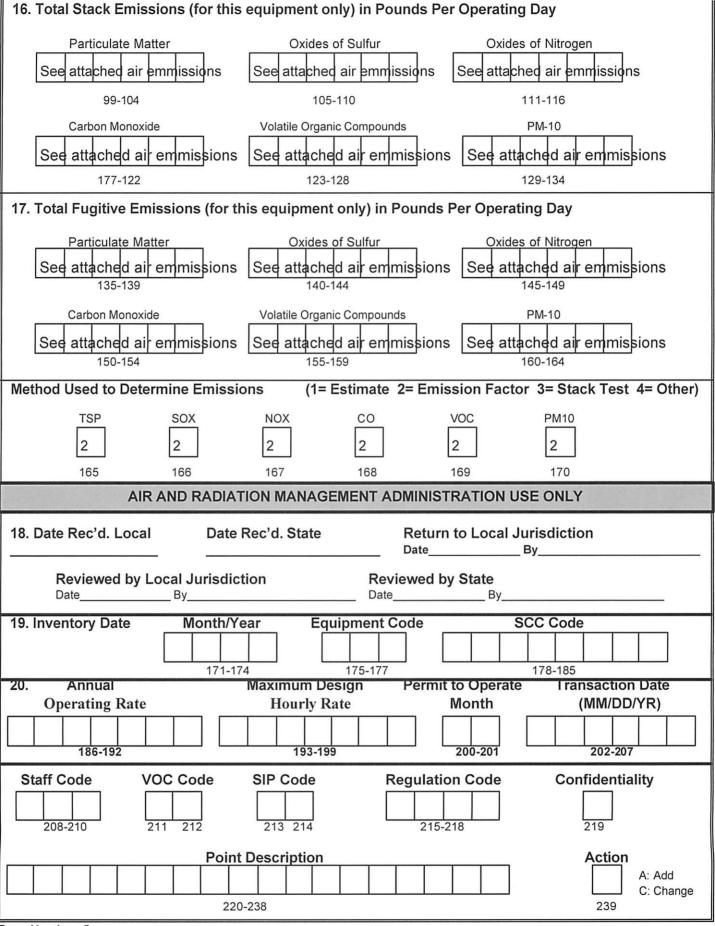
APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT Permit to Construct Registration Undate Initial Registration

Termin to construct	registration opaute =	Tillital Registration		
1A. Owner of Equipment/Company Na	ame	DO NOT WRITE	IN THIS BLOCK	
Mountaire Farms of Delaware Inc.		2. REGISTRAT	ION NUMBER	
Mailing Address		County No.	Premises No.	
P.O. Box 1320				
Street Address	40000			
MIllsboro Delaware City State	19966	1-2 Registration Class	3-6 Equipment No.	
City State	Zip	Trogiotifution Glade		
Telephone Number				
(<u>302</u>) <u>841-4629</u>		7 Data Year	8-11	
		Data real		
Signature				
CH hill of the		12-13	Application Date	
- the same of the				
Phillip Plylar - President		6-3-2024 Date		
Print Name and Title		Date		
1B. Equipment Location and Telepho	one Number (if different fro	om above)		
11761 Cordova Road	mo rumber (il amerene il	om abovo,		
Street Number and Street Name				
Cordova Maryl	and 21	625 (302)	341-4629	
City/Town Sta		Zip Teleph	one Number	
Mountaire Farms of Delaware Inc.	Cordova Grain Facility			
Premises Name (if different from above)	- Cordova Grain Facility			
3. Status (A= New, B= Modification to	The same of the sa		T 707 I	
New Construction	New Construction	9		
Status Begun (MM/YY)	Completed (MM/Y)	/) Operation		
[C				
15 16-19	20-23	20	-23	
4. Describe this Equipment: Make, Mo	odel, Features, Manufacturer	(include Maximum Hou	rly Input Rate, etc.)	
Zimmerman Grain Dryer (Dryer 2) 1,500 bp				
5. Workmen's Compensation Coverage	ge See attached.			
-	Binder/Policy Number	E	xpiration Date	
Company	issued by the Department, the app	olicant must provide the Dec	partment with proof of	
	e as required under Section 1-202			
6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 1				
6A. Number of Pieces of Identical Equ	uipment Units to be Regis	tered/Permitted at this	s Time_1	
6B. Number of Stack/Emission Points			s Time_!	

7. Person Installing this Equipment (if different from Number 1 on Page 1) Name					
Company					
Mailing Address/Street					
City/TownStateTelephone ()					
8. Major Activity, Product or Service of Company at this Location					
Grain Elevator - receives, drys and ships all grains.					
9. Control Devices Associated with this Equipment					
None 24-0					
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Baghouse Thermal/Catalytic Dry Cyclone Tower Scrubber Adsorber Precipitator Afterburner Scrubber 24-1 24-2 24-3 24-4 24-5 24-6 24-7 24-8					
Other X Describe Mineral oil applied to all grains 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 See attached air emmissions 32-33 34 35-41 42-45					
COAL- TONS SULFUR % ASH% WOOD-TONS MOISTURE % 46-52 53-55 56-58 59-63 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 (Total Seasons= 100%)					
76 77-78 79-80 81-82 83-84					

12. Equivalent Stack Innformation- is Exhaust through Doors, Windows, etc. Only? (Y/N)						
 	Haiaht A Ons	ad /FT) Labida Diamanta and Ta			85	
If not, then	Height Avove Grour	nd (FT) Inside Diameter at To	p Exit Tempe	rature (°F)	Exit Velocity (FI/SEC)
	86-88	89-91	92-	95	96-98	
		NOTE:				_
Attach a bi	ock diagram of pro	ocess/process line, indica	iting new equip	ment as i	reported on this	s form
	and all existing e	equipment, including cont	roi devices and	i emissio	n points.	
13. Input Mat	terials (for this equ	ipment only)				
		nsidered confidential?	(Y or N)			
					T RATE	
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1. 2.						
3.						
4.				 		
5.						
6.						
7.						
8.						
9.						
TOTAL						
44 Output M	eteriole (for this e					
	aterials (for this ed /Product Stream	quipment)				
1100633	i roductou eam			OUTF	PUT RATE	
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
2.						
3. 4.						
5.						
6.				 		
7.						
8.						
9.						
TOTAL						
15. Waste Str	eams- Solid and L	iquia		OUT	PUT RATE	
1 1	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
2.						
3.						
4.						
5.						
6. 7.						-
8.					-	_
9.						
TOTAL				<u> </u>		1

Form Number: 5 Rev. 9/27/2002 TTY Users 1-800-735-2258



Form Number: 5 Rev. 9/27/2002 TTY Users 1-800-735-2258

Page 4 of 4 Recycled Paper



(2)

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 Cordova Grain Facility				
PREMISES ADDRESS: 11761 Corodva Road, Cordova, Maryland, 21625					
CONTACT INFORMATION FOR THIS PERMIT APPLICATION					
CONTACT NAME:	Kyle McConnell				
JOB TITLE:	Environmental Manager				
PHONE NUMBER:	(302) 841-4629				
EMAIL ADDRESS:	kmcconnell@mountaire.com				
DESCRIPTION OF EQUIPMENT OR PROCESS					
Grain Elevator Legs	(Receiving Leg 15,500 bph), Wet Leg (6,000 bph), Dry Leg (6,000 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.

\boxtimes	Application package cover letter describing the proposed project						
\boxtimes	Complete application forms (Note the number of forms included or NA if not applicable.)						
	No. NA Form 5T N No. NA Form 5EP N	No. NA Form 11 No. NA Form 41 No. NA Form 42 No. NA Form 44					
	Vendor/manufacturer specifications/guarantees						
\boxtimes	Evidence of Workman's Compensation Insurance						
\boxtimes	Process flow diagrams with emission points						
\boxtimes	Site plan including the location of the proposed source and property boundary						
\boxtimes	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.						

Required for applications subject to Expanded Public Participation Requirements.

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Air and Radiation Management Administration

Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT Permit to Construct Registration Update □ Initial Registration □

Terrine to construct A	registration operate =	
1A. Owner of Equipment/Company Nam	ie	DO NOT WRITE IN THIS BLOCK
Mountaire Farms of Delaware Inc.		2. REGISTRATION NUMBER
Mailing Address		County No. Premises No.
P.O. Box 1320		County No. Fremises No.
Street Address		
MIllsboro Delaware	19966	1-2 3-6
City State	Zip	Registration Class Equipment No.
Telephone Number		
, 302) 841-4629		7 8-11
/		Data Year
Signature		
		12-13 Application Date
-47 Miles My lar		
Phillip Plylar - President		6-3-2024 Date
Print Name and Title		Date
1B. Equipment Location and Telephone	Number (if different fre	om abovo)
11761 Cordova Road	: Number (ii umerent ire	oni above)
Street Number and Street Name		
	۵	625 202 941 4620
Cordova Marylan City/Town State		625 (302) 841-4629 Zip Telephone Number
50 CO		Total Name (
Mountaire Farms of Delaware Inc C	Cordova Grain Facility	
Premises Name (if different from above)		
3. Status (A= New, B= Modification to E.	xisting Equipment, C= E	Existing Equipment)
New Construction	New Construction	9
Status Begun (MM/YY)	Completed (MM/YY	Operation (MM/YY)
15 16-19	20-23	20-23
4. Describe this Equipment: Make, Mode	l Features Manufacturer	(include Maximum Hourly Input Rate, etc.)
(1) grain receiving leg, (1) dry leg and (1) wet		(morade maximum riodily input reate, etc.)
	0 " 1 1	
5. Workmen's Compensation Coverage		For task as Data
	Binder/Policy Number	Expiration Date
Company		
NOTE: Before a Permit to Construct may be issued		plicant must provide the Department with proof of
NOTE: Before a Permit to Construct may be issu worker's compensation coverage a	s required under Section 1-202	2 of the Worker's Compensation Act.
NOTE: Before a Permit to Construct may be issued	s required under Section 1-202	2 of the Worker's Compensation Act.
NOTE: Before a Permit to Construct may be issu worker's compensation coverage a	s required under Section 1-202 pment Units to be Regis	2 of the Worker's Compensation Act. tered/Permitted at this Time 3

7. Person Installing this Equipment (if different from Number 1 on Page 1) NameTitle
Company
Mailing Address/Street
City/Town State Telephone ()
8. Major Activity, Product or Service of Company at this Location
Grain Elevator - receives, drys and ships all grains.
9. Control Devices Associated with this Equipment
None 24-0
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Baghouse Thermal/Catalytic Dry Cyclone Tower Scrubber Adsorber Precipitator Afterburner Scrubber
24-1 24-2 24-3 24-4 24-5 24-6 24-7 24-8
Other
X Describe Mineral oil applied to all grains 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 26-31 32-33 34 35-41 42-45
COAL- TONS SULFUR % ASH% WOOD-TONS MOISTURE % 46-52 53-55 56-58 59-63 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 (Total Seasons= 100%) 76 77-78 79-80 81-82 83-84

12. Equivalent Stack Innformation- is Exhaust through Doors, Windows, etc. Only? (Y/N)						
					 85	
If not, then He	ight Avove Ground (FT)	Inside Diameter at To	p Exit Tempe	rature (°F)	Exit Velocity (F	T/SEC)
1					Exit voledity (i	
	86-88	89-91	92-9	95	96-98	
		NOTE:			······ '	
Attach a block d	liagram of process/		iting new equip	ment as ı	reported on this	form
and	all existing equipm	ent, including cont	trol devices and	l emissio	n points.	
13. Input Materials	s (for this equipmen	t only)				
	lata to be considere		(Y or N)			
		<u> </u>			T RATE	
NAME 1.	CAS I	NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
2.						
3.		_				
4.						
5.						
6.						
7.						
8.						
9.						
TOTAL						
14 Output Materia	als (for this equipme	ant)				***************************************
Process/Prod	uct Stream	Sitty				
				OUTF	PUT RATE	
NAME	CAS	O. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
2. 3.		 -				
4.					,	
5.						
6.						-
7.						
8.						
9.		··				
TOTAL	•					
15. Waste Streams	s- Solid and Liquid	· ·				
					PUT RATE	
NAME 1.	CASI	IO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
2.			· · · · · · · · · · · · · · · · · · ·			
3.			· · · · · · · · · · · · · · · · · · ·			
4.						
5.						
6.						
7.						
8.						
9.						
TOTAL						

16. Total Stack Emissions (fo	r this equipment only) in	Pounds Per Operating	g Day
Particulate Matter See attached air emmission	Oxides of Sulfu	or Oxides	s of Nitrogen
99-104	105-110		111-116
Carbon Monoxide	Volatile Organic Comp	ounds	PM-10
177-122	123-128		129-134
17. Total Fugitive Emissions (for this equipment only)	in Pounds Per Operati	ing Day
17. Total Tagitive Ellissions (• • • • • • • • • • • • • • • • • • • •	1.0	ing Day
Particulate Matter	Oxides of Sulfu	r Oxides	s of Nitrogen
See attached air emmiss	ions		145-149
Carbon Monoxide	Volatile Organic Comp	ounds	PM-10
450.454	155.450		100 101
150-154	155-159		160-164
Method Used to Determine En	nissions (1= Estima	te 2= Emission Facto	r 3= Stack Test 4= Other)
TSP SOX	NOX CO	VOC	PM10
			I I
165 166	167 168	169	170
	167 168 ADIATION MANAGEMENT		
AIR AND RA			SE ONLY
AIR AND RA	DIATION MANAGEMENT	ADMINISTRATION US	SE ONLY
AIR AND RA 18. Date Rec'd. Local I Reviewed by Local Juri	DIATION MANAGEMENT Date Rec'd. State isdiction	Return to Local Ju Date Reviewed by State	SE ONLY urisdiction By
AIR AND RA 18. Date Rec'd. Local I Reviewed by Local Juri Date By	Date Rec'd. State isdiction	Return to Local June Date Reviewed by State	SE ONLY urisdiction By
AIR AND RA 18. Date Rec'd. Local I Reviewed by Local Juri Date By	DIATION MANAGEMENT Date Rec'd. State isdiction	Return to Local June Date Reviewed by State	SE ONLY urisdiction By
AIR AND RA 18. Date Rec'd. Local Reviewed by Local Juri Date By 19. Inventory Date Mon	Date Rec'd. State isdiction F oth/Year Equipmen	Return to Local June Date By State By State State By State State By By State By By State By By State By	SE ONLY urisdiction By CC Code
AIR AND RA 18. Date Rec'd. Local Reviewed by Local Juri Date By 19. Inventory Date Mon	Date Rec'd. State isdiction ith/Year Equipmen 171-174 175-1	Return to Local June Date By State State By State Stat	CC Code
AIR AND RA 18. Date Rec'd. Local Reviewed by Local Juri Date By 19. Inventory Date Mon	Date Rec'd. State isdiction F oth/Year Equipmen	Return to Local June Date By State By State State By State State By By State By By State By By State By	SE ONLY urisdiction By CC Code
AIR AND RA 18. Date Rec'd. Local Reviewed by Local Jury DateBy 19. Inventory Date Mon	Date Rec'd. State isdiction ith/Year Figure 171-174 Maximum Design	Return to Local June Date By State By Code STATE	CC Code 178-185 I ransaction Date
AIR AND RA 18. Date Rec'd. Local Reviewed by Local Jury DateBy 19. Inventory Date Mon	Date Rec'd. State isdiction ith/Year Figure 171-174 Maximum Design	Return to Local June Date By State By Code STATE	CC Code 178-185 I ransaction Date
AIR AND RA 18. Date Rec'd. Local Reviewed by Local Juring By 19. Inventory Date Mon 20. Annual Operating Rate	Date Rec'd. State isdiction ith/Year Figure Requipment ith/Year Maximum Design Hourly Rate 193-199	Return to Local June Date By State By Code STATE Permit to Operate Month	CC Code 178-185 Transaction Date (MM/DD/YR)
AIR AND RA 18. Date Rec'd. Local Reviewed by Local Juring By 19. Inventory Date Mon 20. Annual Operating Rate	Date Rec'd. State isdiction ith/Year Figure Requipment ith/Year Maximum Design Hourly Rate 193-199	Return to Local Judate Reviewed by State ateBy	CC Code 178-185 Transaction Date (MM/DD/YR) 202-207
AIR AND RA 18. Date Rec'd. Local Reviewed by Local Juring By 19. Inventory Date Mon 20. Annual Operating Rate	Date Rec'd. State isdiction ith/Year Figure Requipment ith/Year Maximum Design Hourly Rate 193-199	Return to Local Judate Reviewed by State ateBy	CC Code 178-185 Transaction Date (MM/DD/YR) 202-207
AIR AND RA 18. Date Rec'd. Local Reviewed by Local Jurgent By 19. Inventory Date Mon 20. Annual Operating Rate 186-192 Staff Code 208-210 211 212	Date Rec'd. State isdiction ith/Year Maximum Design Hourly Rate 193-199 SIP Code	Return to Local June Date By State By S	CC Code 178-185 Transaction Date (MM/DD/YR) 202-207 Confidentiality
AIR AND RA 18. Date Rec'd. Local Reviewed by Local Jurgent By 19. Inventory Date Mon 20. Annual Operating Rate 186-192 Staff Code 208-210 211 212	Date Rec'd. State isdiction ith/Year Equipmer 171-174 Maximum Design Hourly Rate 193-199 SIP Code 213 214	Return to Local June Date By State By S	CC Code 178-185 Transaction Date (MM/DD/YR) 202-207 Confidentiality



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 Cordova Grain Facility
PREMISES ADDRESS:	11761 Cordova Road, Cordova, Maryland, 21625
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmcconnell@mountaire.com
DES	CRIPTION OF EQUIPMENT OR PROCESS
	Grain Mechanical Load-outs - See attached ESA.

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.

\boxtimes	Application package cover letter describing the proposed project		
\boxtimes	Complete application forms (Note the number of forms included or NA if not applicable.)		
	No. 1 Form 5 No. NA Form 11 No. NA Form 5T No. NA Form 41 No. NA Form 5EP No. NA Form 42 No. NA Form 6 No. NA Form 44 No. NA Form 10		
	Vendor/manufacturer specifications/guarantees		
\boxtimes	Evidence of Workman's Compensation Insurance		
\boxtimes	Process flow diagrams with emission points		
\boxtimes	Site plan including the location of the proposed source and property boundary		
\boxtimes	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		

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Air and Radiation Management Administration

Air Quality Permits Program

	PROCESSING/MANUFAC	TURING EQUIPMENT
Permit to Construct	Registration Update	Initial Registration

1A. Owner of Equipment/Company Name Mountaire Farms of Delaware Inc.		DO NOT WRITE IN 2. REGISTRATIO	THIS BLOCK N NUMBER
Mailing Address P.O. Box 1320		County No. P	remises No.
Street Address MIllsboro Delaware	19966	1-2	3-6
City State	Zip	Registration Class E	quipment No.
Telephone Number			
(302) 841-4629		7 Data Year	8-11
		Data Year	
Signature			
Milly Mayer		12-13 App	olication Date
Phillip Plylar - President	ı	6-3-2024	
Print Name and Title		Date	
1B. Equipment Location and Telephone I 11761 Cordova Road Street Number and Street Name	Number (if different fro	om above)	
Cordova Maryland	21	625 (302 \ 841	-4629
City/Town State		ip Telephone	
Mountaire Farms of Delaware Inc Co Premises Name (if different from above)	rdova Grain Facility		
Fremises Name (ii dinerent nom above)			
3. Status (A= New, B= Modification to Exi			:::-1
New Construction Status Begun (MM/YY)	New Construction Completed (MM/YY	Existing Ini Operation (MI	
			<u> </u>
C 15 16-19	20-23	20-23	
4. Describe this Equipment: Make, Model, (11) mechanical loadouts - See attached ESA.	Features, Manufacturer	(include Maximum Hourly	Input Rate, etc.)
5. Workmen's Compensation Coverage	See attached.		
-	Binder/Policy Number	Expir	ation Date
Company			
6A. Number of Pieces of Identical Equipm	nent Units to be Regis	tered/Permitted at this T	ime_11
6B. Number of Stack/Emission Points As		224 147	

7. Person Installing this Equipment (if different from Number 1 on Page 1) Name
Company
Mailing Address/Street
City/Town State Telephone ()
8. Major Activity, Product or Service of Company at this Location
Grain Elevator - receives, drys and ships all grains.
Claim Elevator Tecentee, anye and empe an grame.
9. Control Devices Associated with this Equipment
None
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Baghouse Thermal/Catalytic Dry
Cyclone Tower Scrubber Adsorber Precipitator Afterburner Scrubber
24-1 24-2 24-3 24-4 24-5 24-6 24-7 24-8
Other
X Describe Mineral oil applied to all grains received and dust socks installed on all discharge points.
Describe Mineral oil applied to all grains received and dust socks installed on all discharge points. 24-9
10. Annual Fuel Consumption for this Equipment
OIL-1000 GALLONS SULFUR % GRADE NATURAL GAS-1000 FT ³ LP GAS-100 GALLONS GRADE
26-31 32-33 34 35-41 42-45
COAL- TONS SULFUR % ASH% WOOD-TONS MOISTURE %
46-52 53-55 56-58 59-63 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
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 (Total Seasons= 100%)
76 77-78 79-80 81-82 83-84

12. Equivalent Stack Innformation- is Exhaust through Doors, Windows, etc. Only? (Y/N)						
					85	
If not, then	Height Avove Grour	nd (FT) Inside Diameter at To	p Exit Temper	ature (°F)	Exit Velocity (F	T/SEC)
•		`	·	T		一
	86-88	89-91	92-9	95	96-98	
		NOTE:		_	4 1 41 •	_
Attach a blo		ocess/process line, indica equipment, including cont				torm
	and all existing e	equipment, including con-	roi devices and	emissio	n points.	
13. Input Mat	erials (for this equ	ipment only)				
		sidered confidential?	(Y or N)			
•		L	┙` ′	<u>INPU</u>	T RATE	
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
2.						
3 . 4 .						
5.						
6.						
7.						
8.						
9.						
TOTAL						
		<u> </u>				
	aterials (for this e	quipment)				
Process/	Product Stream			O. ITT	NIT DATE	
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PUT RATE PER YEAR	UNITS
1.	WANTE .	OAG NO. (II ALLEGABLE)	TERTIOOR	0.4110	TENTEAN	ONTO
2.			· · · · · · · · · · · · · · · · · · ·			
3.						
4.			,			
5.						
6.						
7.						
8.						
9.						
TOTAL						
15 Waste Str	eams- Solid and L	iquid				
io. Waste ou	camo- coma ana E	qu.u		OUTF	PUT RATE	
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
2.						
3.						
4.						
5. 6.						
7.						
8.						
9.						
TOTAL	<u>.</u>					

16. Total Stack Emissions (1	or this equipment on	y) in Pounds Per O	perating Day	
Particulate Matter See attached air emmissi	Oxides of	f Sulfur	Oxides of Nitroge	en
99-104	105-1	10	111-116	
Carbon Monoxide	Volatile Organic	Compounds	PM-10	
177-122	123-12		129-134	
17. Total Fugitive Emissions	(for this equipment of	only) in Pounds Per	Operating Day	
Particulate Matter	Oxides of	Sulfur	Oxides of Nitroge	en
See attached air emmis	ssions	4	145-149	
Carbon Monoxide	Volatile Organic	Compounds	PM-10	
150-154	155-15	9	160-164	
Method Used to Determine B	Emissions (1= E	stimate 2= Emissio	on Factor 3= Sta	ck Test 4= Other)
TSP SOX	NOX	co voc	PM10	
165 166	167	168 169	170	
165 166 AIR AND F	167 RADIATION MANAGE	168 169 MENT ADMINISTRA		
AIR AND F	RADIATION MANAGER	MENT ADMINISTRA	TION USE ONLY	
	RADIATION MANAGE	MENT ADMINISTRA Return to		on
AIR AND F	Date Rec'd. State	MENT ADMINISTRA Return to Date	TION USE ONLY Local Jurisdictio	on
AIR AND F	Date Rec'd. State	Return to Date Reviewed by St	TION USE ONLY Local Jurisdictio	on
AIR AND F 18. Date Rec'd. Local Reviewed by Local June By By	Date Rec'd. State	Return to Date Reviewed by St	TION USE ONLY Local Jurisdictio By tate	on
AIR AND F 18. Date Rec'd. Local Reviewed by Local June By By	Date Rec'd. State urisdiction onth/Year Equi	Return to Date Reviewed by St Date pment Code	Local Jurisdiction By tate By SCC Code	on
AIR AND R 18. Date Rec'd. Local Reviewed by Local Ju Date By 19. Inventory Date Me	Date Rec'd. State urisdiction onth/Year Equi	Return to Date Reviewed by St Date pment Code	Local Jurisdiction By tate By SCC Code	on
AIR AND F 18. Date Rec'd. Local Reviewed by Local June By By	Date Rec'd. State urisdiction onth/Year Equi	Return to Date Reviewed by St Date Pment Code	tate SCC Code 178-185 Operate I rar	on
AIR AND F 18. Date Rec'd. Local Reviewed by Local June By 19. Inventory Date Moreover Date 20. Annual	Date Rec'd. State urisdiction onth/Year Equi	Return to Date Reviewed by St Date Pment Code	tate SCC Code 178-185 Operate I rar	nsaction Date
AIR AND F 18. Date Rec'd. Local Reviewed by Local June By 19. Inventory Date Moreover Date 20. Annual	Date Rec'd. State urisdiction onth/Year Equi	Return to Date	tate SCC Code 178-185 Operate I rar	nsaction Date
AIR AND R 18. Date Rec'd. Local Reviewed by Local Ju Date By 19. Inventory Date Mo Operating Rate	Date Rec'd. State urisdiction onth/Year Equi 171-174 Maximum Des Hourly Rat	Return to Date	tate SCC Code 178-185 Operate I rar nth (nsaction Date MM/DD/YR)
AIR AND F 18. Date Rec'd. Local Reviewed by Local June By 19. Inventory Date Me 20. Annual Operating Rate 186-192 Staff Code VOC Co	Date Rec'd. State urisdiction onth/Year Equi 171-174 Maximum Des Hourly Rat 193-199 de SIP Code	Return to Date	tate SCC Code 178-185 Operate I rar nth (0-201 Code Con	nsaction Date MM/DD/YR) 202-207 fidentiality
AIR AND R 18. Date Rec'd. Local Reviewed by Local Ju Date By 19. Inventory Date Mo Operating Rate 186-192	Date Rec'd. State urisdiction onth/Year Equi 171-174 Maximum Des Hourly Rat 193-199 de SIP Code	Return to Date	tate SCC Code 178-185 Operate I rar nth (0-201 Code Con	nsaction Date MM/DD/YR) 202-207
AIR AND F 18. Date Rec'd. Local Reviewed by Local June By 19. Inventory Date Me 20. Annual Operating Rate 186-192 Staff Code VOC Co	Date Rec'd. State urisdiction onth/Year Equi 171-174 Maximum Des Hourly Rat 193-199 de SIP Code	Return to Date	tate SCC Code 178-185 Operate Irar nth (0-201 Code Con	nsaction Date MM/DD/YR) 202-207 fidentiality 219 Action
AIR AND F 18. Date Rec'd. Local Reviewed by Local June By 19. Inventory Date Me 20. Annual Operating Rate 186-192 Staff Code VOC Co	Date Rec'd. State urisdiction onth/Year Equi 171-174 Maximum Des Hourly Rat 193-199 de SIP Code	Return to Date	tate SCC Code 178-185 Operate Irar nth (0-201 Code Con	nsaction Date MM/DD/YR) 202-207 fidentiality



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 Cordova Grain Facility		
PREMISES ADDRESS:	11761 Cordova Road, Cordova, Maryland, 21625		
CONTACT	CONTACT INFORMATION FOR THIS PERMIT APPLICATION		
CONTACT NAME:	Kyle McConnell		
JOB TITLE:	Environmental Manager		
PHONE NUMBER:	(302) 841-4629		
EMAIL ADDRESS:	kmcconnell@mountaire.com		
	DESCRIPTION OF EQUIPMENT OR PROCESS		
DES	SCRIPTION OF EQUIPMENT OR PROCESS		

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.

\boxtimes	Application	n package cover letter describing	the proposed project		
\boxtimes	Complete application forms (Note the number of forms included or NA if not applicable.)				
	No. NA	Form 5T Form 5EP	No. NA Form 11 No. NA Form 41 No. NA Form 42 No. NA Form 44		
	Vendor/ma	anufacturer specifications/guarant	rees		
\boxtimes	Evidence	of Workman's Compensation Insu	ırance		
\boxtimes	Process fl	ow diagrams with emission points			
\boxtimes	Site plan i	ncluding the location of the propos	sed source and property boundary		
\boxtimes	Material b	alance data and all emissions cal	culations		
	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) Po	quired for applications subject to Evo	anded Public Participation Requirements		

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

APP	LICATION	FOR PRO	CESSING	MANUFACTURING	FOLIPMENT
	LICATION	IOKIKO		MANUL ACIONING	LOUITIVILIAI

Permit to Construct	Registration Update 🗆	Initial Registration
1A. Owner of Equipment/Company Name Mountaire Farms of Delaware Inc.)	DO NOT WRITE IN THIS BLOCK 2. REGISTRATION NUMBER
Mountaire Farms of Delaware Inc. Mailing Address P.O. Box 1320 Street Address Millsboro Delaware City State Telephone Number (302) 841-4629 Signature Phillip Plylar - President Print Name and Title	19966 Zip	2. REGISTRATION NUMBER County No. Premises No. 1-2 3-6 Registration Class Equipment No. 7 Data Year 12-13 Application Date Co-3-2024 Date
1B. Equipment Location and Telephone I 11761 Cordova Road Street Number and Street Name Cordova Maryland City/Town State	21 z	
Mountaire Farms of Delaware Inc Co Premises Name (if different from above) 3. Status (A= New, B= Modification to Exi New Construction Begun (MM/YY) C 15 16-19		Existing Initial
4. Describe this Equipment: Make, Model, Grain receiving pit and receving drag.	Features, Manufacturer	(include Maximum Hourly Input Rate, etc.)
5. Workmen's Compensation Coverage Company NOTE: Before a Permit to Construct may be issue worker's compensation coverage as a compensation coverage as a compensation coverage as a compensation coverage.	required under Section 1-202	The control of the co
6B. Number of Stack/Emission Points As		

7. Person Installing this Equipment (if different from Number 1 on Page 1) NameTitle					
Company_	_				
Mailing Address/Street	_				
City/TownStateTelephone ()	_				
8. Major Activity, Product or Service of Company at this Location					
Grain Elevator - receives, drys and ships all grains.					
9. Control Devices Associated with this Equipment					
None					
24-0					
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Baghouse Thermal/Catalytic Dry					
Cyclone Tower Scrubber Adsorber Precipitator Afterburner Scrubber					
24-1 24-2 24-3 24-4 24-5 24-6 24-7 24-8					
Other					
X Describe Dust control by Wings Baffle System					
Describe Dust control by Wings Baffle System 24-9	-				
10. Annual Fuel Consumption for this Equipment					
OIL-1000 GALLONS SULFUR % GRADE NATURAL GAS-1000 FT ³ LP GAS-100 GALLONS GRADE					
26-31 32-33 34 35-41 42-45					
COAL- TONS SULFUR % ASH% WOOD-TONS MOISTURE %					
46-52 53-55 56-58 59-63 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 69.60 70.71 72 73.75	J				
67-1 67-2 68-69 70-71 72 73-75 Seasonal Variation in Operation:					
No <u>Variation Winter Percent Spring Per</u> cent S <u>ummer Percent Fall Percent</u> (Total Seasons= 100%)					
76 77-78 79-80 81-82 83-84					

12. Equivalent Stack Innformation- is Exhaust through Doors, Windows, etc. Only? (Y/N)						
85						
If not, then	Height Avove Grour	nd (FT) Inside Diameter at To	p Exit Temper	rature (°F)	Exit Velocity (F	FT/SEC)
•		,				
	86-88	89-91	92-9	95	96-98	
		NOTE:				
Attach a bl	ock diagram of pro	ocess/process line, indica	iting new equip	ment as ı	reported on this	form
	and all existing e	equipment, including con	trol devices and	l emissio	n points.	
	erials (for this equ	ipment only) nsidered confidential?	(Y or N)			
is ally of	uns uata to be cor	isidered confidential?	(1 01 14)	INPLI	T RATE	
 	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8. 9.						ļ
TOTAL						<u> </u>
IOIAL						
14. Output Ma	aterials (for this e	quipment)			·	
	Product Stream					
					PUT RATE	
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
3.			-			
4.					<u> </u>	
5.						
6.						
7.						
8.						
9.		-				
TOTAL						
15. Waste Str	eams- Solid and L	iquid		OUTE	PUT RATE	
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
2.						
3.						
4.						
5.						
6. 7.						
8.						
9.						
TOTAL				<u> </u>		L
IVIAL						

16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day						
Particulate Matter See attached air emmissions	Oxides of Sulfur	Oxides of Nitrogen				
99-104	105-110	111-116				
Carbon Monoxide	Volatile Organic Compounds	PM-10				
177-122	123-128	129-134				
17. Total Fugitive Emissions (for th	is equipment only) in Poun	ds Per Operating Day				
Particulate Matter See attached air emmissions 135-139	Oxides of Sulfur	Oxides of Nitrogen 145-149				
Carbon Monoxide 150-154	Volatile Organic Compounds 155-159	PM-10 160-164				
Method Used to Determine Emission	ons (1= Estimate 2= E	mission Factor 3= Stack Test 4= Other)			
TSP SOX	NOX CO	VOC PM10 169 170				
AIR AND RADIAT	ION MANAGEMENT ADMIN	ISTRATION USE ONLY				
18. Date Rec'd. Local Date F Reviewed by Local Jurisdict Date By	ion Reviewed	urn to Local Jurisdiction By d by State By	_			
19. Inventory Date Month/Ye	175-177	SCC Code 178-185				
20. Annual Operating Rate	Maximum Design Peri Hourly Rate	mit to Operate Transaction Date Month (MM/DD/YR)				
186-192	193-199	200-201 202-207				
Staff Code VOC Code 208-210 211 212		ation Code Confidentiality 15-218 219				
Point		Action				



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 Cordova Grain Facility			
PREMISES ADDRESS:	11761 Corodva Road, Cordova, Maryland, 21625			
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION			
CONTACT NAME:	Kyle McConnell			
JOB TITLE:	Environmental Manager			
PHONE NUMBER:	(302) 841-4629			
EMAIL ADDRESS:	kmcconnell@mountaire.com			
DESCRIPTION OF EQUIPMENT OR PROCESS				
	Grain Storage Bins			

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.

\boxtimes	Application package cover letter describing t	the proposed project		
\boxtimes	Complete application forms (Note the number applicable.)	er of forms included or NA if not		
	No. NA Form 5 No. NA Form 5T No. NA Form 5EP No. NA Form 6 No. NA Form 10	No. NA Form 11 No. NA Form 41 No. NA Form 42 No. NA Form 44		
	Vendor/manufacturer specifications/guarante	ees		
\boxtimes	Evidence of Workman's Compensation Insur	rance		
\boxtimes	Process flow diagrams with emission points			
\boxtimes	Site plan including the location of the propos	sed source and property boundary		
\boxtimes	Material balance data and all emissions calc	ulations		
	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 use requirements (2)	n complies with local zoning and land		
	(1) Required for emergency and non-emergency october 1, 2001 and rated at 2001 kW or more			

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

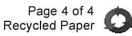
APPLICATION FOR P	ROCESSING/MANUFA	ACTURING EQUIPMENT
Domnit to Construct	Dagistration Undata	Initial Designation

	to Construct &	Registration Opuate 4	minai Registrano	
1A. Owner of Equip	ment/Company Name)	DO NOT WRITE	IN THIS BLOCK
Mountaire Farms of	Delaware Inc.		2. REGISTRA	TION NUMBER
Mailing Address			County No.	Premises No.
P.O. Box 1320)		County No.	Tremises its.
Street Address	D-I	40000		3-6
MIIIsboro City	Delaware	19966 Zip	1-2 Registration Class	
-		219		
Telephone Numl	oer -4629		7	8-11
(302) 841	-4029		Data Year	0
Signature				
(1/h)			12-13	Application Date
	2 Miller			
Phillip Plylar - P	resident		6-3-2024	
Print Name and Title	е		Date	
1B. Equipment Loc	ation and Telephone	Number (if different fro	om above)	
11761 Cordova	-		,	
Street Number and	Street Name			
Cordova	Street Name Maryland	21	625 (302)	841-4629
				841-4629 Thone Number
Cordova City/Town Mountaire Farm	Maryland State s of Delaware Inc Co	Ž		
Cordova City/Town Mountaire Farm	Maryland State	Ž		
Cordova City/Town Mountaire Farm Premises Name (if o	Maryland State as of Delaware Inc Co different from above)	Ž	Zip Telep	hone Number
Cordova City/Town Mountaire Farm Premises Name (if o	Maryland State as of Delaware Inc Codifferent from above) 3= Modification to Ex New Construction	ordova Grain Facility isting Equipment, C= I New Construction	Telep Existing Equipment) Existing	ohone Number
Cordova City/Town Mountaire Farm Premises Name (if o	Maryland State as of Delaware Inc Co different from above) 3= Modification to Ex	ordova Grain Facility isting Equipment, C= I	Telep Existing Equipment) Existing	phone Number
Cordova City/Town Mountaire Farm Premises Name (if of a status (A= New, I status (C	Maryland State as of Delaware Inc Codifferent from above) B= Modification to Ex New Construction Begun (MM/YY)	isting Equipment, C= I New Construction Completed (MM/Y)	Existing Equipment) Existin () Operation	ng Initial
Cordova City/Town Mountaire Farm Premises Name (if o	Maryland State as of Delaware Inc Codifferent from above) 3= Modification to Ex New Construction	ordova Grain Facility isting Equipment, C= I New Construction	Existing Equipment) Existin () Operation	ohone Number
Cordova City/Town Mountaire Farm Premises Name (if of a status (A= New, I status) Status C 15 4. Describe this Equ	Maryland State as of Delaware Inc Codifferent from above) B= Modification to Ex New Construction Begun (MM/YY)	isting Equipment, C= I New Construction Completed (MM/Y)	Existing Equipment) Existin () Operation	ng Initial n (MM/YY)
Cordova City/Town Mountaire Farm Premises Name (if of a status (A= New, I status) Status C 15	Maryland State as of Delaware Inc Codifferent from above) B= Modification to Ex New Construction Begun (MM/YY)	isting Equipment, C= I New Construction Completed (MM/Y)	Existing Equipment) Existin () Operation	ng Initial n (MM/YY)
Cordova City/Town Mountaire Farm Premises Name (if of	Maryland State as of Delaware Inc Codifferent from above) B= Modification to Ex New Construction Begun (MM/YY)	isting Equipment, C= I New Construction Completed (MM/Y)	Existing Equipment) Existin () Operation	ng Initial n (MM/YY)
Cordova City/Town Mountaire Farm Premises Name (if of	Maryland State as of Delaware Inc Codifferent from above) B= Modification to Ex New Construction Begun (MM/YY) 16-19 uipment: Make, Model,	ordova Grain Facility isting Equipment, C= I New Construction Completed (MM/Y) 20-23 Features, Manufacturer	Existing Equipment) Existing Operation (include Maximum Ho	ng Initial n (MM/YY)
Cordova City/Town Mountaire Farm Premises Name (if of	Maryland State as of Delaware Inc Codifferent from above) B= Modification to Ex New Construction Begun (MM/YY) 16-19 uipment: Make, Model, pensation Coverage_	prdova Grain Facility isting Equipment, C= I New Construction Completed (MM/Y) 20-23 Features, Manufacturer See attached. Binder/Policy Number ed by the Department, the app	Existing Equipment) Existing Operation (include Maximum Ho	ig Initial (MM/YY) 0-23 urly Input Rate, etc.) Expiration Date
Cordova City/Town Mountaire Farm Premises Name (if of of other seasons) Status C 15 4. Describe this Equation Storage Tanks 5. Workmen's Company NOTE: Before a Perm worker's	Maryland State as of Delaware Inc Codifferent from above) B= Modification to Ex New Construction Begun (MM/YY) 16-19 uipment: Make, Model, pensation Coverage_ iit to Construct may be issue compensation coverage as	prdova Grain Facility isting Equipment, C= I New Construction Completed (MM/Y) 20-23 Features, Manufacturer See attached. Binder/Policy Number ed by the Department, the apprequired under Section 1-202	Existing Equipment) Existing Operation (include Maximum Ho plicant must provide the December 2 of the Worker's Compens	eg Initial (MM/YY) (0-23 urly Input Rate, etc.) Expiration Date epartment with proof of sation Act.
Cordova City/Town Mountaire Farm Premises Name (if of of other seasons) Status C 15 4. Describe this Equation Storage Tanks 5. Workmen's Company NOTE: Before a Perm worker's	Maryland State as of Delaware Inc Codifferent from above) B= Modification to Ex New Construction Begun (MM/YY) 16-19 uipment: Make, Model, pensation Coverage_ iit to Construct may be issue compensation coverage as	prdova Grain Facility isting Equipment, C= I New Construction Completed (MM/Y) 20-23 Features, Manufacturer See attached. Binder/Policy Number ed by the Department, the app	Existing Equipment) Existing Operation (include Maximum Ho plicant must provide the December 2 of the Worker's Compens	eg Initial (MM/YY) (0-23 urly Input Rate, etc.) Expiration Date epartment with proof of sation Act.

7. Person Installing this Equipment (if different from Number 1 on Page 1) NameTitle					
Company					
Mailing Address/Street					
City/TownStateTelephone ()					
8. Major Activity, Product or Service of Company at this Location					
Grain Elevator - receives, drys and ships all grains.					
9. Control Devices Associated with this Equipment					
None None					
24-0					
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Baghouse Thermal/Catalytic Dry Cyclone Tower Scrubber Adsorber Precipitator Afterburner Scrubber					
24-1 24-2 24-3 24-4 24-5 24-6 24-7 24-8					
Other					
X Describe Mineral oil applied to all grains 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					
26-31 32-33 34 35-41 42-45					
COAL- TONS SULFUR % ASH% WOOD-TONS MOISTURE %					
46-52 53-55 56-58 59-63 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 (Total Seasons= 100%)					
The state of the s					
76 77-78 79-80 81-82 83-84					

12. Equivalent Stack Innformation- is Exhaust through Doors, Windows, etc. Only? (Y/N)						
					LJ 85	
If not, then	Height Avove Grour	nd (FT) Inside Diameter at To	p Exit Temper	ature (°F)	Exit Velocity (F	T/SEC)
•				TÌ		一)
	86-88	89-91	92-9	95	96-98	
 		NOTE:				
Attach a bl	ock diagram of pro	ocess/process line, indica	ating new equip	ment as ı	eported on this	form
	and all existing e	equipment, including conf	trol devices and	emissio	n points.	
13 Input Mat	terials (for this equ	inment only)			* *	
		nsidered confidential?	(Y or N)			
				INPU	T RATE	
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
3.						
4.						
5.						
6.						
7.			-			
8.						
9.			-			
TOTAL						
44.0.4.41	-1-1-15-41-1					·····
	aterials (for this ed /Product Stream	quipment)				
Process	Product Stream			OUT	PUT RATE	
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.	-	•				
2.						
3.						
4.						
5.						
6. 7.						
8.						
9.	· · · · · · · · · · · · · · · · · · ·					
TOTAL					<u> </u>	
45 Wasts Ots		·				
15. Waste Str	reams- Solid and L	iquia		OUTE	PUT RATE	
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
2.						_
3.						
4.						
5.						
6. 7.	-					
8.		-				
9.						
TOTAL						<u> </u>
. •						

		16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day				
Particulate Matter See attached air emmissions	Oxides of Sulfur	Oxides of Nitrogen				
99-104	105-110	111-116				
Carbon Monoxide	Volatile Organic Compounds	PM-10				
177-122	123-128	129-134				
17. Total Fugitive Emissions (for t						
Particulate Matter See attached air emmissions 135-139	Oxides of Sulfur	Oxides of Nitrogen 145-149				
Carbon Monoxide	Volatile Organic Compounds	PM-10				
150-154	155-159	160-164				
Method Used to Determine Emiss	ions (1= Estimate 2=	Emission Factor 3= Stack Test 4= Other	r)			
TSP SOX	NOX CO	VOC PM10				
165 166	167 168	169 170				
AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY						
AIR AND RADIA	TION MANAGEMENT ADM	NISTRATION USE ONLY				
	Rec'd. State Re	eturn to Local Jurisdiction				
	Rec'd. State Ro Da	eturn to Local Jurisdiction	_			
18. Date Rec'd. Local Date Reviewed by Local Jurisdic	Rec'd. State Record Review	eturn to Local Jurisdiction teBy red by State				
18. Date Rec'd. Local Date Reviewed by Local Jurisdic DateBy	Rec'd. State Re	eturn to Local Jurisdiction teBy red by StateBy e SCC Code				
18. Date Rec'd. Local Date Reviewed by Local Jurisdic	Rec'd. State Rec'd	eturn to Local Jurisdiction teBy red by State				
18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y	Rec'd. State Rec'd	eturn to Local Jurisdiction teBy ed by State By e SCC Code 178-185				
18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 171-1 20. Annual	Rec'd. State Rec'd. State Ction Review Date Cear Equipment Cod 74 175-177 Maximum Design Personal Cod Personal Cod Review Date Date Personal Cod Personal	eturn to Local Jurisdiction teBy ed by State By e SCC Code 178-185 ermit to Operate Transaction Date				
18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 171-1 20. Annual Operating Rate	Rec'd. State Rec'd. State Rec'd. State Review Date Year Equipment Cod 175-177 Maximum Design Hourly Rate 193-199	eturn to Local Jurisdiction teBy red by StateBy e SCC Code]			
18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 171-1 20. Annual Operating Rate	Rec'd. State Rec'd. State Rec'd. State Review Date Year Equipment Cod 175-177 Maximum Design Hourly Rate 193-199	eturn to Local Jurisdiction teBy eed by StateBy e SCC Code]			
18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 20. Annual Operating Rate Staff Code VOC Code 208-210 211 212	Rec'd. State Rec'd. State Review Date Year Fear F	eturn to Local Jurisdiction teBy ed by State By e SCC Code 178-185 ermit to Operate I ransaction 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.		
PREMISES ADDRESS:	11761 Cordova Road, Cordova, Maryland 21625		
CONTACT INFORMATION FOR THIS PERMIT APPLICATION			
CONTACT NAME:	Kyle McConnell		
JOB TITLE:	Environmental Manager		
PHONE NUMBER:	(302) 841-4629		
EMAIL ADDRESS:	kmcconnell@mountaire.com		
DESCRIPTION OF EQUIPMENT OR PROCESS			
Gravity Loadouts			

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.

\boxtimes	Application package cover letter describing the proposed project			
\boxtimes	Complete application forms (Note that applicable.)	ne number of forms included or NA if not		
	No. 1 Form 5 No. NA Form 5T No. NA Form 5EP No. NA Form 6 No. NA Form 10	No. NA Form 11 No. NA Form 41 No. NA Form 42 No. NA Form 44		
	Vendor/manufacturer specifications/guarantees			
\boxtimes	Evidence of Workman's Compensation Insurance			
\boxtimes	Process flow diagrams with emission points			
\boxtimes	Site plan including the location of the proposed source and property boundary			
\boxtimes	Material balance data and all emissions calculations			
\boxtimes	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 n October 1, 2001 and rated at 2001 k	on-emergency generators installed on or after <i>W</i> or more.		
	(2) Deguired for applications subjections	est to Evpanded Public Participation Requirements		

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Air and Radiation Management Administration ■ Air Quality Permits Program

APPLICATION FOR	PROCESSING/	MANUFA	ACTURING EQUIPMENT
Permit to Construct	Registration	Undate □	Initial Registration

1 chille to Collsti d	Registratio	ii Opuate 🛥 💮 ii.	ittai Registration 🗖	
1A. Owner of Equipment/Cor	npany Name	DC	NOT WRITE IN THIS BLOCK	
Mountaire Farms of Delaware	Inc.	2	REGISTRATION NUMBER	
Mailing Address				
P.O. Box 1320		Cour	ty No. Premises No.	
Street Address				
	elaware 19	966	-2 3-6	
City	State Z	Regis	tration Class Equipment No.	
Talanhana Numbar				
Telephone Number			7 8-11	
(302) 841-4629		Dat	a Year	
Signature				
Oignature)				
Muller	Mes		2-13 Application Date	
		G		
Phillip Plylar - President		lo:	-3-2024 ate	
Print Name and Title		D	ate	
1B. Equipment Location and	Telephone Number (i	f different from abov	ve)	
11761 Cordova Road	relephone Number (i		, ,	
Street Number and Street Name	9			
Cordova	Manuland	21625	, 302 ₎ 841-4629	
City/Town	Maryland State	Zip	(302) 841-4629 Telephone Number	
A Company of the Comp			relephone Number	
Mountaire Farms of Delay		in Facility		
Premises Name (if different from above)				
3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)				
New Con		Construction	Existing Initial	
Status Begun (N	MM/YY) Comp	leted (MM/YY)	Operation (MM/YY)	
15	19	20-23	20-23	
2020				
		Manufacturer (include	Maximum Hourly Input Rate, etc.)	
11 gravity tank loadouts @ 6,000	bph each			
5. Workmen's Compensation	Coverage			
o. Workmen's Compensation	Binder/Police	y Number	Expiration Date	
Company		• 10 10 10 10 10 10 10 10 10 10 10 10 10	Co-00-	
	ict may be issued by the Dep on coverage as required und		st provide the Department with proof of orker's Compensation Act.	
Congress Contract Laboratory (Congress Andrew Congress Andrew				
6A. Number of Pieces of Iden	6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 11			
6B. Number of Stack/Emission	on Points Associated v	vith this Equipment_	11	

7. Person Installing this Equipment (if different from Number 1 on Page 1) Name
Company
Mailing Address/Street
City/TownStateTelephone ()
8. Major Activity, Product or Service of Company at this Location
Grain Elevator - receives, drys and ships all grains.
9. Control Devices Associated with this Equipment
None
24-0
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Baghouse Thermal/Catalytic Dry Cyclone Tower Scrubber Adsorber Precipitator Afterburner Scrubber
24-1 24-2 24-3 24-4 24-5 24-6 24-7 24-8
Other
X Describe Mineral cil applied to all grains received. Dust sock attached to the each emission point,
24-9
10. Annual Fuel Consumption for this Equipment
OIL-1000 GALLONS SULFUR % GRADE NATURAL GAS-1000 FT ³ LP GAS-100 GALLONS GRADE
26-31 32-33 34 35-41 42-45
COAL-TONS SULFUR % ASH% WOOD-TONS MOISTURE %
46-52 53-55 56-58 59-63 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 (Total Seasons= 100%)
76 77-78 79-80 81-82 83-84

12. Equivalent Stack Innformation- is Exhaust through Doors, Windows, etc. Only? (Y/N)					
				85	
If not, then Height Avove Groun	nd (FT) Inside Diameter at To	p Exit Temper	rature (°F)	Exit Velocity (I	FT/SEC)
86-88	89-91	92-9	95	96-98	
	NOTE:				
Attach a block diagram of pr	ocess/process line, indica	ating new equip	ment as ı	eported on this	form
and all existing e	equipment, including conf	trol devices and	emissio	n points.	
13. Input Materials (for this equ	uinment only)				
Is any of this data to be con		(Y or N)			
•	L	」 `	<u>INPU</u>	T RATE	
NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.					
3.					
4.					
5.					
6.					
7.					
8.					<u> </u>
9. TOTAL					
IOIAL					
14. Output Materials (for this e	quipment)		•		
Process/Product Stream					
NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTF UNITS	PUT RATE PER YEAR	UNITS
1.	CAS NO. (IF AFFLICABLE)	FERTIOOR	ONITO	FERTEAR	OMIO
2.					
3.					
4.					
5.					
6. 7.					<u> </u>
8.					
9.					
TOTAL					<u> </u>
			·	· · · · · · · · · · · · · · · · · · ·	
15. Waste Streams - Solid and L	.iquid		OUTE	PUT RATE	
NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.					
2.					
3.					
4. 5.					
6					
6. 7.					
6. 7. 8.					
7.					

16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day			
Particulate Matter	Oxides of Sulfur	Oxides of Nitrogen	٦
See attached air emmissions			_
99-104	105-110	111-116	
Carbon Monoxide	Volatile Organic Compounds	PM-10	_
177-122	123-128	129-134	
17. Total Fugitive Emissions (for thi	s equipment only) in Pound	ds Per Operating Day	
Particulate Matter	Oxides of Sulfur	Oxides of Nitrogen	
See attached air emmissions	Oxides of Sulfur	January of Millogen	
135-139	140-144	145-149	
Carbon Monoxide	Volatile Organic Compounds	PM-10	_
150-154	155-159	160-164	
Method Used to Determine Emission	ns (1= Estimate 2= Er	mission Factor 3= Stack Te	st 4= Other)
TSP SOX	NOX CO	VOC PM10	
165 166	167 168	169 170	
AIR AND RADIATI	ON MANAGEMENT ADMINI	STRATION USE ONLY	
18. Date Rec'd. Local Date R	Rec'd. State Retu	ırn to Local Jurisdiction	
	Date_	By	10
Reviewed by Local Jurisdicti		-	
		By	
19. Inventory Date Month/Yea	ar Equipment Code	SCC Code	
		170.405	
20. Annual 171-174		178-185 nit to Operate Transact	ion Date
Operating Rate	Hourly Rate	Month (MM/I	DD/YR)
186-192	193-199	200-201 202-	207
Staff Code VOC Code	SIP Code Regula	ation Code Confiden	itiality
Staff Code VOC Code	SIP Code Regula	ation Code Confiden	itiality
Staff Code		ation Code Confiden	itiality
208-210 211 212			-
208-210 211 212	213 214 21	15-218 219	-

Page 4 of 4 Recycled Paper



(2)

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 Cordova Grain Facility	
PREMISES ADDRESS:	11761 Cordova Road, Cordova, Maryland,21625	
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell	
JOB TITLE:	Environmental Manager	
PHONE NUMBER:	(302) 841-4629	
EMAIL ADDRESS:	kmcconnell@mountaire.com	
DES	CRIPTION OF EQUIPMENT OR PROCESS	
	Overhead Grain Transfer Drags	

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.

<u>Check each item that you have submitted as part of your applicatio</u>	n package.
---	------------

\boxtimes	Application package cover letter describing the proposed project			
	Complete application forms (Note the number of forms included or NA if not applicable.)			
	No. 1 Form 5 No. NA Form 11 No. NA Form 5T No. NA Form 41 No. NA Form 5EP No. NA Form 42 No. NA Form 6 No. NA Form 44 No. NA Form 10			
	Vendor/manufacturer specifications/guarantees			
\boxtimes	Evidence of Workman's Compensation Insurance			
\boxtimes	Process flow diagrams with emission points			
\boxtimes	Site plan including the location of the proposed source and property boundary			
\boxtimes	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 lar use requirements ⁽²⁾	nd		
	(1) Required for emergency and non-emergency generators installed on or after October 1, 2001 and rated at 2001 kW or more.			

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Air and Radiation Management Administration - Air Quality Permits Program

APPLICATION FOR	PROCESSING/MANUFAC	TURING EQUIPMENT
Permit to Construct	Registration Update	Initial Registration

1A. Owner of Equipment/Company Name		DO NOT WRITE	IN THIS BLOCK
Mountaire Farms of Delaware Inc.		2. REGISTRA	TION NUMBER
Mailing Address		County No.	Premises No.
P.O. Box 1320		County ito:	T TOTAL COST TOTAL
Street Address			
MIllsboro Delaware	19966	1-2	3-6
City State	Zip	Registration Class	Equipment No.
Telephone Number			
(302) 841-4629		7	8-11
(662) 611 1626		Data Year	
Signature			
		12-13	Application Date
- Miller to lan		- 12-13	Application Date
Phillip Plylar - President		1-2-2	
Print Name and Title		6-3-2024 Date	
Time Name and Title		Date	
1B. Equipment Location and Telephone	Number (if different f	rom above)	
11761 Cordova Road			
Street Number and Street Name			
Cordova Maryland	2	1625 (302)	841-4629
City/Town State		Zip Telep	841-4629 hone Number
Mountaire Farms of Delaware Inc Co	rdova Grain Facility		
Premises Name (if different from above)	ndova Grain Facility		
Tremises Name (if different from above)			
3. Status (A= New, B= Modification to Exi			
New Construction	New Construction		g Initial
Status Begun (MM/YY)	Completed (MM/Y	Y) Operation	n (MM/YY)
15 16-19	20-23		0-23
4. Describe this Equipment: Make, Model,	Features, Manufacture	r (include Maximum Ho	urly 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 issue worker's compensation coverage as			
,			
6A. Number of Pieces of Identical Equipm	nent Units to be Regi	stered/Permitted at th	IS TIME_Get attached EA.
6B. Number of Stack/Emission Points As	sociated with this Eq	uipment <u>None, totally</u>	enclosed.

7. Person Installing this Equipment (if different from Number 1 on Page 1) Name
Company
Mailing Address/Street
City/Town State Telephone ()
8. Major Activity, Product or Service of Company at this Location
Grain Elevator - receives, drys and ships all grains.
9. Control Devices Associated with this Equipment
None None
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Baghouse Thermal/Catalytic Dry
Cyclone Tower Scrubber Adsorber Precipitator Afterburner Scrubber
24-1 24-2 24-3 24-4 24-5 24-6 24-7 24-8
Other
Describe Mineral oil applied to all grains 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
26-31 32-33 34 35-41 42-45
COAL- TONS SULFUR % ASH% WOOD-TONS MOISTURE %
46-52 53-55 56-58 59-63 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 (Total Seasons= 100%)
76 77-78 79-80 81-82 83-84

12. Equivalent Stack Innforma	tion- is Exhaust through D	oors, Windows	, etc. Onl	y? (Y/N)	
				85	
If not, then Height Avove Grou	nd (FT) Inside Diameter at To	p Exit Temper	ature (°F)	Exit Velocity (F	T/SEC)
Theight Avove Grea				LAIL VEICHY (I	175207
86-88	89-91	92-9	95	96-98	
	NOTE:				· · · · · · · · · · · · · · · · · · ·
Attach a block diagram of pr		ting new equip	ment as ı	eported on this	form
	equipment, including cont				
42 Input Motorials (for this or	vinment only)				
13. Input Materials (for this equals any of this data to be co		(Y or N)			
is any or ans data to be con		(1 01 14)	INPU	TRATE	
NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
TOTAL	_				
14. Output Materials (for this e	auinment\	Mariana Marian			
Process/Product Stream	quipment)				
			OUTF	UT RATE	
NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.					
2. 3.					
4.					
5.	 				
6.					
7.					
8.					
9.					
TOTAL					
15. Waste Streams - Solid and I	iauid				
10. Waste Officants - Cond and I	-iquiu		OUTF	UT RATE	
NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.				-	
2.					
3. 4.					
5.					
6.					
7.					
8.					
9.					
TOTAL					

	10 10 10 10 10 10 10 10 10 10 10 10 10 1	ds Per Operating Day	
Particulate Matter See attached air emmissions	Oxides of Sulfur	Oxides of Nitrogen	
99-104	105-110	111-116	
Carbon Monoxide	Volatile Organic Compounds	PM-10	
177-122	123-128	129-134	
17. Total Fugitive Emissions (for			
See attached air emmission	Oxides of Sulfur 140-144	Oxides of Nitrogen 145-149	
Carbon Monoxide	Volatile Organic Compounds	PM-10	
150-154	155-159	160-164	
Method Used to Determine Emis	sions (1= Estimate 2=	Emission Factor 3= Stack Test 4= Other	er)
TSP SOX	NOX CO	VOC PM10	
165 166	167 168	169 170	
	ATION MANAGEMENT ADM		
18. Date Rec'd. Local Date		Return to Local Jurisdiction ate By	
18. Date Rec'd. Local Date Reviewed by Local Jurisd Date By	iction Review	Return to Local Jurisdiction ateBy wed by StateBy	Ā
Reviewed by Local Jurisd	iction Review	ved by State By By By By By By By By By B	
Reviewed by Local Jurisd	iction Review Date Year Equipment Cod	ved by State By By By By By By By By By B	
Reviewed by Local Jurisd DateBy	iction Review Date Year Equipment Cod 174 175-177 Maximum Design P	wed by State SCC Code 178-185 Fermit to Operate I ransaction Date	
Reviewed by Local Jurisd DateBy	iction Review Date Year Equipment Coc 174 175-177 Maximum Design P Hourly Rate	wed by State By Mee SCC Code 178-185 Fermit to Operate I ransaction Date Month (MM/DD/YR)	
Reviewed by Local Jurisd DateBy	iction Review Date Year Equipment Coc 174 175-177 Maximum Design P Hourly Rate 193-199	wed by State By de SCC Code 178-185 Fermit to Operate I ransaction Date Month (MM/DD/YR) 200-201 202-207	
Reviewed by Local Jurisd DateBy	iction Review Date Year Equipment Coc 174 175-177 Maximum Design P Hourly Rate 193-199	wed by State By Mee SCC Code 178-185 Fermit to Operate I ransaction Date Month (MM/DD/YR)	
Reviewed by Local Jurisd DateBy	Year Equipment Coo 174 175-177 Maximum Design P Hourly Rate 193-199 SIP Code Reg	wed by State By SCC Code 178-185 Fermit to Operate I ransaction Date Month (MM/DD/YR) 200-201 202-207 Julation Code Confidentiality	

Form Number: 5 Rev. 9/27/2002

TTY Users 1-800-735-2258



(2)

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 Cordova Grain Facility
PREMISES ADDRESS:	11761 Cordova Road, Cordova, Maryland 21625
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmcconnell@mountaire.com
DES	CRIPTION OF EQUIPMENT OR PROCESS
_	Grain Transfer Tube Screws

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.

\boxtimes	Application package cover letter describing the proposed project
\boxtimes	Complete application forms (Note the number of forms included or NA if not applicable.)
	No. 1 Form 5 No. NA Form 11 No. NA Form 5T No. NA Form 41 No. NA Form 5EP No. NA Form 42 No. NA Form 6 No. NA Form 44 No. NA Form 10
	Vendor/manufacturer specifications/guarantees
\boxtimes	Evidence of Workman's Compensation Insurance
\boxtimes	Process flow diagrams with emission points
\boxtimes	Site plan including the location of the proposed source and property boundary
\boxtimes	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 $^{\rm (2)}$
	(1) Required for emergency and non-emergency generators installed on or after October 1, 2001 and rated at 2001 kW or more.

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AI	P	L	IC	A	TI	O	N	F	O	R	P	R	0	C	E	SS	SI	N	G	/	M	Α	N	U	F	A	C.	ΓL	JR	Ш	NG	6 E	ΞC	Qι	JI	PΙ	VIE	ΞN	IT	•

Permit to Construct A Registration Update	Initial Registration \Box
1A. Owner of Equipment/Company Name Mountaire Farms of Delaware Inc.	DO NOT WRITE IN THIS BLOCK 2. REGISTRATION NUMBER
Mailing Address P.O. Box 1320	County No. Premises No.
Street Address Millsboro DE 19966	1-2 3-6
City State Zip	Registration Class Equipment No.
Telephone Number	7 8-11
Signature / / M / /	Data Year
Miller The les	12-13 Application Date
Phillip Plylar - President	6-3-2024 Date
Print Name and Title	Date
1B. Equipment Location and Telephone Number (if different fro 11761 Cordova Road	om above)
Street Number and Street Name	
O and a second	
	625 (302) 841-4629
	625 (302) 841-4629 Zip Telephone Number
City/Town State Z Mountaire Farms of Delaware Inc Cordova Grain Facility	7ip (302) 841-4629 (302) Telephone Number
City/Town State 2	7 (302) 841-4629 Telephone Number
City/Town State 2 Mountaire Farms of Delaware Inc Cordova Grain Facility Premises Name (if different from above) 3. Status (A= New, B= Modification to Existing Equipment, C= E	Existing Equipment)
Mountaire Farms of Delaware Inc Cordova Grain Facility Premises Name (if different from above) 3. Status (A= New, B= Modification to Existing Equipment, C= Reconstruction New Construction	Existing Equipment) Existing Initial
City/Town State 2 Mountaire Farms of Delaware Inc Cordova Grain Facility Premises Name (if different from above) 3. Status (A= New, B= Modification to Existing Equipment, C= E	Existing Equipment) Existing Initial
Mountaire Farms of Delaware Inc Cordova Grain Facility Premises Name (if different from above) 3. Status (A= New, B= Modification to Existing Equipment, C= Reconstruction New Construction	Existing Equipment) Existing Initial
Mountaire Farms of Delaware Inc Cordova Grain Facility Premises Name (if different from above) 3. Status (A= New, B= Modification to Existing Equipment, C= E New Construction Status Begun (MM/YY) C	Existing Equipment) Existing Initial Operation (MM/YY) 20-23
Mountaire Farms of Delaware Inc Cordova Grain Facility Premises Name (if different from above) 3. Status (A= New, B= Modification to Existing Equipment, C= English New Construction New Construction Status Begun (MM/YY) Completed (MM/YY) C 15 16-19 20-23 4. Describe this Equipment: Make, Model, Features, Manufacturer Tube transfer screws - see attached EA.	Existing Equipment) Existing Initial Operation (MM/YY) 20-23
Mountaire Farms of Delaware Inc Cordova Grain Facility Premises Name (if different from above) 3. Status (A= New, B= Modification to Existing Equipment, C= English New Construction Status Begun (MM/YY) C 15 16-19 Completed (MM/YY) Completed (Existing Equipment) Existing Initial Operation (MM/YY) 20-23
Mountaire Farms of Delaware Inc Cordova Grain Facility Premises Name (if different from above) 3. Status (A= New, B= Modification to Existing Equipment, C= E New Construction Status Begun (MM/YY) C 15 16-19 Completed (MM/YY) C 15 16-19 Completed (MM/YY) See attached EA. 5. Workmen's Compensation Coverage See attached Binder/Policy Number Company NOTE: Before a Permit to Construct may be issued by the Department, the approximation of the present of	Existing Equipment) Existing Initial Operation (MM/YY) 20-23 (include Maximum Hourly Input Rate, etc.) Expiration Date plicant must provide the Department with proof of
Mountaire Farms of Delaware Inc Cordova Grain Facility Premises Name (if different from above) 3. Status (A= New, B= Modification to Existing Equipment, C= English New Construction Status Begun (MM/YY) C 15 16-19 Completed (MM/YY) C 15 4. Describe this Equipment: Make, Model, Features, Manufacturer Tube transfer screws - see attached EA. 5. Workmen's Compensation Coverage See attached. Binder/Policy Number	Existing Equipment) Existing Initial Operation (MM/YY) 20-23 (include Maximum Hourly Input Rate, etc.) Expiration Date plicant must provide the Department with proof of 2 of the Worker's Compensation Act.

7. Person Installing this Equipment (if different from Number 1 on Page 1) NameTitle
Company
Mailing Address/Street
City/Town State Telephone ()
8. Major Activity, Product or Service of Company at this Location
Grain Elevator - receives, drys and ships all grains.
9. Control Devices Associated with this Equipment
None
-24-0
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Baghouse Thermal/Catalytic Dry Cyclone Tower Scrubber Adsorber Precipitator Afterburner Scrubber
24-1 24-2 24-3 24-4 24-5 24-6 24-7 24-8
Other
X Describe Mineral oil applied to all grains 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
26-31 32-33 34 35-41 42-45
COAL-TONS SULFUR % ASH% WOOD-TONS MOISTURE %
46-52 53-55 56-58 59-63 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 (Total Seasons= 100%)
76 77-78 79-80 81-82 83-84

12. Equivale	nt Stack Innformat	ion- is Exhaust through D	oors, Windows	s, etc. Onl	y? (Y/N)	
:						
If not, then	Height Avove Grour	nd (FT) Inside Diameter at To	p Exit Tempe	ratura (°E)	85 Exit Velocity (F	ET/SEC\
ir not, then	Tieight Avove Glodi	id (i 1) inside Diameter at 10		Tatule (F)	Exit velocity (i	1/3EC)
	86-88	89-91	92-	95	96-98	
		NOTE:				
Attach a bl	ock diagram of pr	:۱۰۵۱ ocess/process line, indica	nting new equin	ment as i	renorted on this	form
Attaon a bi		equipment, including conf				, 101111
	erials (for this equ		\neg			
Is any of	this data to be cor	nsidered confidential?	(Y or N)	181511	T D 4 T E	
1	NAME	CAS NO. (IF APPLICABLE)	 PER HOUR	INPU UNITS	T RATE PER YEAR	UNITS
1.	ITAME	OAO NO. (II AI I LIOADEE)	TENTIOON	Oiti15	FERTERI	014113
2.	· · · · · · · · · · · · · · · · · · ·					
3.						
4.						
5.						
6.						
7. 8.						
9.	· - · · · · · · · · · · · · · · · · · ·				, ,	<u> </u>
TOTAL						<u> </u>
	aterials (for this e	quipment)				
Process/	Product Stream					
1 1	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTF Units	PUT RATE PER YEAR	UNITS
1.	NAME	CAS NO. (IF AFFLICABLE)	PER HOUR	UNITS	PER TEAR	UNIIS
2.						
3.						
4.						
5.						
6.						
7. 8.						
9.						
TOTAL						
						
15. Waste Str	eams- Solid and L	iquid				
	MA BEP		DED HOUD		PUT RATE	LINUTO
1.	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
2.						
3.			-			
4.						
5.						
6.						
7.	<u></u>					
8. 9.				 		
TOTAL				<u> </u>		
· OIAL						

16. Total Stack Emissions (for this	equipment only) in Pounds	s Per Operating Day	
Particulate Matter See attached air emmissions	Oxides of Sulfur	Oxides of Nitrogen	
99-104	105-110	111-116	
Carbon Monoxide	Volatile Organic Compounds	PM-10	
177-122	123-128	129-134	
17. Total Fugitive Emissions (for the	is equipment only) in Poun	ds Per Operating Day	
See attached air emmissions 135-139	Oxides of Sulfur	Oxides of Nitrogen 145-149	
Carbon Monoxide 150-154	Volatile Organic Compounds 155-159	PM-10 160-164	
Method Used to Determine Emission	ons (1= Estimate 2= E	mission Factor 3= Stack Test 4= Oth	er)
TSP SOX 166	NOX CO	VOC PM10 169 170	
AIR AND RADIAT	ION MANAGEMENT ADMIN	IISTRATION USE ONLY	
Reviewed by Local Jurisdict	Date	urn to Local Jurisdiction By d by State By	
19. Inventory Date Month/Ye		SCC Code 178-185	
20. Annual Operating Rate	Maximum Design Per Hourly Rate	mit to Operate Transaction Date Month (MM/DD/YR)	
186-192	193-199	200-201 202-207	
Staff Code VOC Code 208-210 211 212		ation Code Confidentiality 15-218 219	
Point	Description	Action A: Add C: Chan	ge

Page 4 of 4 Recycled Paper



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 - Cordova Grain Facility					
PREMISES ADDRESS:	11761 Cordova Road, Cordova, Maryland, 21625					
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION					
CONTACT NAME:	Kyle McConnell					
JOB TITLE:	Environmental Manager					
PHONE NUMBER:	(302) 841-4629					
EMAIL ADDRESS:	kmcconnell@mountaire.com					
DES	CRIPTION OF EQUIPMENT OR PROCESS					
	Grain Tunnel Drags (2) 6,500 bph, (1) 5,500 bpd					

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.

\boxtimes	Application package cover letter describing the proposed project					
\boxtimes	Complete application forms (Note the number of forms included or NA if not applicable.)					
	No No No No		No. NA Form 11 No. NA Form 41 No. NA Form 42 No. NA Form 44			
	Vendor/manufacturer specifications/guarantees Evidence of Workman's Compensation Insurance					
\boxtimes						
\boxtimes	Process flow diagrams with emission points					
\boxtimes	Site plan including the location of the proposed source and property boundary					
\boxtimes	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)	Dequired for applications subject to Evr	anded Public Participation Requirements			

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 N Registration Undate Initial Registration Initial Regist

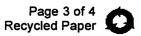
1A. Owner of Equipm	ent/Company Name	DO NOT WRITE IN THIS BLOCK		
Mountaire Farms of D	elaware Inc.		TION NUMBER	
Mailing Address		0 + N	B	
P.O. Box 1320		County No.	Premises No.	
Street Address				
MIllsboro	Delaware	19966	1-2	3-6
City	State	Zip	Registration Class	Equipment No.
Telephone Numbe	r			
(302) 841-4			7	8-11
(332) 311			Data Year	
Signature				
			12-13	Application Date
	- Hylan			
Phillip Plylar - Pre	6-3-2024			
Print Name and Title		6-3-2024 Date		
45 5		N. 1 (15 1155 4.5		
	A CONTRACTOR OF THE PARTY OF TH	Number (if different fr	om above)	
11761 Cordova R Street Number and St	2072-200-70			
Cordova	Maryland	1 2		
O'			1625 (302)	841-4629
City/Town	State		Zip (302) Telep	841-4629 hone Number
Mountaire Farms	State of Delaware Inc Co	:	7625 (302) Zip Telep	hone Number
-	State of Delaware Inc Co	:	7625 (302) Zip Telep	841-4629 hone Number
Mountaire Farms Premises Name (if diff	State of Delaware Inc Co ferent from above)	ordova Grain Facility	Zip Telep	841-4629 hone Number
Mountaire Farms Premises Name (if diff	State of Delaware Inc Co ferent from above)	:	Zip Telep Existing Equipment)	shone Number g Initial
Mountaire Farms Premises Name (if diff 3. Status (A= New, B=	State of Delaware Inc Co ferent from above) = Modification to Ex	ordova Grain Facility isting Equipment, C= I	Zip Telep Existing Equipment) Existin	
Mountaire Farms Premises Name (if diff 3. Status (A= New, B=	State of Delaware Inc Co ferent from above) = Modification to Ex Iew Construction	ordova Grain Facility isting Equipment, C= I New Construction	Zip Telep Existing Equipment) Existin	g Initial
Mountaire Farms Premises Name (if diff 3. Status (A= New, B=	State of Delaware Inc Co ferent from above) = Modification to Ex Iew Construction	ordova Grain Facility isting Equipment, C= I New Construction	Existing Equipment) Existin (7) Operation	g Initial
Mountaire Farms Premises Name (if diff 3. Status (A= New, B= N Status	State of Delaware Inc Cofferent from above) = Modification to Explew Construction Begun (MM/YY) 16-19	isting Equipment, C= I New Construction Completed (MM/Y)	Existing Equipment) Existin () Operation	g Initial n (MM/YY) 0-23
Mountaire Farms Premises Name (if diff 3. Status (A= New, B= Status C 15 4. Describe this Equip	State of Delaware Inc Cofferent from above) = Modification to Explew Construction Begun (MM/YY) 16-19	isting Equipment, C= New Construction Completed (MM/Y)	Existing Equipment) Existin () Operation	g Initial n (MM/YY) 0-23
Mountaire Farms Premises Name (if diff 3. Status (A= New, B= N Status	State of Delaware Inc Cofferent from above) = Modification to Explew Construction Begun (MM/YY) 16-19	isting Equipment, C= I New Construction Completed (MM/Y)	Existing Equipment) Existin () Operation	g Initial n (MM/YY) 0-23
Mountaire Farms Premises Name (if diff 3. Status (A= New, B= Status C 15 4. Describe this Equip	State of Delaware Inc Conferent from above) = Modification to Explew Construction Begun (MM/YY) 16-19 pment: Make, Model	isting Equipment, C= New Construction Completed (MM/Y) 20-23 , Features, Manufacturer	Existing Equipment) Existin () Operation	g Initial n (MM/YY) 0-23
Mountaire Farms Premises Name (if diff 3. Status (A= New, B= Status C 15 4. Describe this Equip Grain Tunnel Drags 5. Workmen's Compe	State of Delaware Inc Conferent from above) = Modification to Explew Construction Begun (MM/YY) 16-19 pment: Make, Model	isting Equipment, C= I New Construction Completed (MM/Y)	Existing Equipment) Existin Y) Operation 2 (include Maximum Hole	g Initial n (MM/YY) 0-23
Mountaire Farms Premises Name (if diff 3. Status (A= New, B= Status C 15 4. Describe this Equip Grain Tunnel Drags 5. Workmen's Compe	of Delaware Inc Content from above) = Modification to Explay Construction Begun (MM/YY) 16-19 pment: Make, Model ensation Coverage_ to Construct may be issue	isting Equipment, C= New Construction Completed (MM/Y) 20-23 Features, Manufacturer Binder/Policy Number	Existing Equipment) Existing (include Maximum Hor	g Initial n (MM/YY) 0-23 urly Input Rate, etc.) Expiration Date
Mountaire Farms Premises Name (if diff 3. Status (A= New, B= Status C 15 4. Describe this Equip Grain Tunnel Drags 5. Workmen's Compe	of Delaware Inc Content from above) = Modification to Explay Construction Begun (MM/YY) 16-19 pment: Make, Model ensation Coverage_ to Construct may be issue	isting Equipment, C= New Construction Completed (MM/Y) 20-23 , Features, Manufacturer	Existing Equipment) Existing (include Maximum Hor	g Initial n (MM/YY) 0-23 urly Input Rate, etc.) Expiration Date
Mountaire Farms Premises Name (if diff 3. Status (A= New, B= Status C 15 4. Describe this Equip Grain Tunnel Drags 5. Workmen's Competent Company NOTE: Before a Permit worker's company	of Delaware Inc Conferent from above) = Modification to Explew Construction Begun (MM/YY) 16-19 pment: Make, Model ensation Coverage to Construct may be issued ompensation coverage as	isting Equipment, C= New Construction Completed (MM/Y) 20-23 Features, Manufacturer Binder/Policy Number	Existing Equipment) Existing Operation (include Maximum Horizont must provide the De 2 of the Worker's Compens	g Initial n (MM/YY) 0-23 urly Input Rate, etc.) Expiration Date epartment with proof of ation Act.

7. Person Installing this Equipment (if different from Number 1 on Page 1) NameTitle
Company
Mailing Address/Street
City/TownStateTelephone ()
8. Major Activity, Product or Service of Company at this Location
Grain Elevator - receives, drys and ships all grains.
9. Control Devices Associated with this Equipment
None None
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Baghouse Thermal/Catalytic Dry Scrubber Cyclone Tower Scrubber Adsorber Precipitator
Other
Describe Mineral oil applied to all grains received.
10. Annual Fuel Consumption for this Equipment
OIL-1000 GALLONS SULFUR % GRADE NATURAL GAS-1000 FT ³ LP GAS-100 GALLONS GRADE 26-31 32-33 34 35-41 42-45
COAL-TONS SULFUR % ASH% WOOD-TONS MOISTURE % 46-52 53-55 56-58 59-63 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 (Total Seasons= 100%)
76 77-78 79-80 81-82 83-84

12. Equivaler	nt Stack Innformat	ion- is Exhaust through D	oors, Windows	s, etc. On	ly? (Y/N)	
					<u> </u>	
If not, then	Height Avove Groun	nd (FT) Inside Diameter at To	p Exit Tempe	rature (°F)	Exit Velocity (FT/SEC)
	86-88	89-91	92-9	95	96-98	
		NOTE:				
Attach a bl		ocess/process line, indica				form
	and all existing e	equipment, including cont	irol devices and	l emissio	n points.	
13. Input Mat	terials (for this equ	ipment only)			"	<u> </u>
is any of	this data to be cor	nsidered confidential?	(Y or N)			
		<u>L</u>			T RATE	
1.	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
2.						
3.			:			
4.	*					
5.						
6.						
7.						
9.						ļ
TOTAL						<u> </u>
IOIAL						
14. Output M	aterials (for this e	quipment)				
	/Product Stream	,				
	NA 845	1 040 NO ((E ABBUIGABLE)	252 110112		PUT RATE	
1.	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
2.						
3.						
4.						
5.						
6.						
7.						
9.					· · · · · · · · · · · · · · · · · · ·	ļ
TOTAL						
15. Waste Str	eams-Solid and L	iquid				
					PUT RATE	
1.	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
2.						
3.						
4.						
5.			-			
		·				
6.						
7.						
7. 8.						
7.						

Form Number: 5 Rev. 9/27/2002

TTY Users 1-800-735-2258



Particulate Matter Oxides of Sulfur Oxides of Nitrogen See attached air emmissions 105-110 111-116 111-116 111-116 1177-122 123-128 129-134 177-122 123-128 129-134 177-122 123-128 129-134 177-122 123-128 129-134 177-122 123-128 129-134 177-122 123-128 129-134 177-122 123-128 129-134 177-122 123-128 129-134 177-122 123-128 129-134 177-122 123-128 129-134 177-122 123-128 129-134 177-124 175-177 178-185 160
99-104 105-110 1111-116 Carbon Monoxide Volatile Organic Compounds PM-10 177-122 123-128 129-134 17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day Particulate Matter Oxides of Sulfur Oxides of Nitrogen See attached ai emissions (for this equipment only) in Pounds Per Operating Day Carbon Monoxide Volatile Organic Compounds PM-10 Carbon Monoxide Volatile Organic Compounds PM-10 TSP SOX NOX CO VOC PM10 165 166 167 168 169 170 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 Local Jurisdiction 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
Carbon Monoxide Volatile Organic Compounds PM-10 177-122 123-128 129-134 17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day Particulate Matter Oxides of Sulfur Oxides of Nitrogen See attached air emmissions 135-139 140-144 145-149 Carbon Monoxide Volatile Organic Compounds PM-10 TSP SOX NOX CO VOC PM10 165 166 167 168 169 170 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 19. Inventory Date Month/Year Equipment Code SCC Code 171-174 175-177 178-185 20. Annual Maximum Design Permit to Operate Transaction Date ITRA-185 129-134 129-124 129-
177. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day Particulate Matter Oxides of Sulfur Oxides of Nitrogen See attached air emmissions 140-144 145-149 Carbon Monoxide Volatile Organic Compounds PM-10 150-154 155-159 160-164 Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other) TSP SOX NOX CO VOC PM10 165
17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day Particulate Matter
17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day Particulate Matter
Particulate Matter See attached air emmissions 135-139 140-144 145-149 Carbon Monoxide Volatile Organic Compounds 150-154 Volatile Organic Compounds 150-164 Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other) TSP SOX NOX CO VOC PM10 165 166 167 168 169 170 AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY 18. Date Rec'd. Local Date Rec'd. State Reviewed by Local Jurisdiction Date By Reviewed by Local Jurisdiction Date By 19. Inventory Date Month/Year Equipment Code SCC Code 171-174 175-177 178-185 20. Annual Maximum Design Permit to Operate Iransaction Date
See attached air emmissions 140-144 145-149 Carbon Monoxide Volatile Organic Compounds PM-10 Interviewed by Local Jurisdiction Date By Month/Year Equipment Code SCC Code Method Used air emmissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other) Reviewed by Local Jurisdiction Date By Scc Code Reviewed by State Date By T70-171-174 175-177 178-185 Annual Maximum Design Permit to Operate Transaction Date Maximum Design Permit to Operate Transaction Date
Carbon Monoxide Volatile Organic Compounds PM-10 Solution Volatile Organic Compounds PM-10
Carbon Monoxide
Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other) TSP SOX NOX CO VOC PM10 165 166 167 168 169 170 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 Maximum Design Permit to Operate Iransaction Date
Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other) TSP SOX NOX CO VOC PM10 165 166 167 168 169 170 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 Maximum Design Permit to Operate Iransaction Date
TSP SOX NOX CO VOC PM10 165 166 167 168 169 170 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 Maximum Design Permit to Operate Transaction Date
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 Maximum Design Permit to Operate Transaction Date
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 Maximum Design Permit to Operate Transaction Date
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 Maximum Design Permit to Operate Transaction Date
18. Date Rec'd. Local Date Rec'd. State Return to Local Jurisdiction Date By Pate By Date By D
Reviewed by Local Jurisdiction DateBy
Reviewed by Local Jurisdiction DateBy
19. Inventory Date Month/Year Equipment Code SCC Code 171-174 175-177 178-185 20. Annual Maximum Design Permit to Operate Transaction Date
171-174 175-177 178-185 20. Annual Waximum Design Permit to Operate Transaction Date
20. Annual Maximum Design Permit to Operate Transaction Date
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 A: Add
, , , , , , , , , , , , , , , , , , ,

Page 4 of 4 Recycled Paper



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 - Cordova Grain Facility		
PREMISES ADDRESS:	11761 Cordova Road, Cordova, Maryland, 21625		
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION		
CONTACT NAME:	Kyle McConnell		
JOB TITLE:	Environmental Manager		
PHONE NUMBER:	(302) 841-4629		
EMAIL ADDRESS:	kmcconnell@mountaire.com		
DESCRIPTION OF EQUIPMENT OR PROCESS			
	(3) Grain 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.

\boxtimes	Application package cover letter describing the proposed project
\boxtimes	Complete application forms (Note the number of forms included or NA if not applicable.)
	No. 1 Form 5 No. NA Form 11 No. NA Form 5T No. NA Form 41 No. NA Form 5EP No. NA Form 42 No. NA Form 6 No. NA Form 44 No. NA Form 10
	Vendor/manufacturer specifications/guarantees
\boxtimes	Evidence of Workman's Compensation Insurance
\boxtimes	Process flow diagrams with emission points
\boxtimes	Site plan including the location of the proposed source and property boundary
\boxtimes	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	2	DO NOT WRITE	IN THIS BLOCK
Mountaire Farms of Delaware Inc.		2. REGISTRAT	ION NUMBER
Mailing Address			
P.O. Box 1320		County No.	Premises No.
Street Address			
Millsboro Delaware	19966	1-2	3-6
City State	Zip	Registration Class	Equipment No.
Telephone Number			
(302) 841-4629		7	8-11
(002) 041 4020		Data Year	
Signature			
		12-13 A	Application Date
- Thele White		12-13 P	Application Date
Phillip Plylar - President	-	6-3-2074	
Print Name and Title		6-3-2024 Date	
45.5	N	7	
1B. Equipment Location and Telephone 11761 Cordova Road	Number (if different fro	om above)	
Street Number and Street Name			
			Electron or control of the control o
Cordova Maryland		()	341-4629
City/Town State	Z	ip Teleph	one Number
Mountaire Farms of Delaware Inc Co	ordova Grain Facility		
Premises Name (if different from above)			
3. Status (A= New, B= Modification to Ex	icting Equipment C- E	victing Equipment)	
New Construction	New Construction	Existing Equipment)	Initial
Status Begun (MM/YY)	Completed (MM/YY		
C	20.23		
15 16-19	20-23	20-	-23
4. Describe this Equipment: Make, Model,	, Features, Manufacturer	(include Maximum Hou	rly Input Rate, etc.)
(1) 9 hole flat turnhead, (1) 8 hole flat turnhead	(1) 4 hole flat turnhead.		
5. Workmen's Compensation Coverage	See attached.		
	Binder/Policy Number	Ex	xpiration Date
Company NOTE: Before a Permit to Construct may be issue	ed by the Department, the app	licant must provide the Dep	artment with proof of
worker's compensation coverage as			
6A. Number of Pieces of Identical Equipm	nent Units to be Regist	ered/Permitted at this	s Time <u>3</u>
6B. Number of Stack/Emission Points As	sociated with this Equi	ipment <u>None, totally e</u>	enciosea.

7. Person Installing this Equipment (if different from Number 1 on Page 1) NameTitle
Company
Mailing Address/Street
City/TownStateTelephone ()
8. Major Activity, Product or Service of Company at this Location
Grain Elevator - receives, drys and ships all grains.
9. Control Devices Associated with this Equipment
None
24-0
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Baghouse Thermal/Catalytic Dry
Cyclone Tower Scrubber Adsorber Precipitator Afterburner Scrubber
24-1 24-2 24-3 24-4 24-5 24-6 24-7 24-8
Other
Y R Mineral sil continue and an arrival
Describe Mineral oil applied to all grains 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
26-31 32-33 34 35-41 42-45
COAL- TONS SULFUR % ASH% WOOD-TONS MOISTURE %
COAL-TONS SOLFOR % ASH% WOOD-TONS WIGHTONE %
46-52 53-55 56-58 59-63 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 <u>Varia</u> tion <u>Winter Perc</u> ent <u>Spring Per</u> cent S <u>ummer Per</u> cent <u>Fall Perce</u> nt (Total Seasons= 100%)
76 77-78 79-80 81-82 83-84

Form Number: 5 Rev. 9/27/2002

TTY Users 1-800-735-2258

12. Equivalent	Stack Innformat	ion- is Exhaust through [oors, Windows	s, etc. Onl	y? (Y/N)	
if not then	Height Avenue Conv	ad (CT) Innida Diamatas at T	- F.:: T	(OF)	85 5-11-1-11-11-11-11-11-11-11-11-11-11-11-	-T/050\
If not, then	Height Avove Groun	nd (FT) Inside Diameter at To	p Exit Tempe	rature (°F)	Exit Velocity (I	-1/SEC)
	86-88	89-91	92-9	95	96-98	
		NOTE:				
		ocess/process line, indica equipment, including con				form
13 Input Mater	rials (for this equ	uinment only)				
		nsidered confidential?	(Y or N)	INDII	T RATE	
l N	AME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
2.						
3. 4.						<u> </u>
5.						
6.						
7.						
8.						
9.						
TOTAL						
14. Output Mat	terials (for this e	guipment)				
14. Output Mat Process/P	terials (for this ed Product Stream	quipment)				
Process/P	roduct Stream				PUT RATE	
Process/P		CAS NO. (IF APPLICABLE)	PER HOUR	OUTF UNITS	PUT RATE PER YEAR	UNITS
Process/P	roduct Stream		PER HOUR			UNITS
Process/P	roduct Stream		PER HOUR			UNITS
Process/P	roduct Stream		PER HOUR			UNITS
Process/P NA 1. 2. 3. 4. 5.	roduct Stream		PER HOUR			UNITS
Process/P NA 1. 2. 3. 4. 5. 6.	roduct Stream		PER HOUR			UNITS
Process/P NA 1. 2. 3. 4. 5. 6. 7.	roduct Stream		PER HOUR			UNITS
Process/P NA 1. 2. 3. 4. 5. 6.	roduct Stream		PER HOUR			UNITS
NA 1. 2. 3. 4. 5. 6. 7.	roduct Stream		PER HOUR			UNITS
Process/P NA 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL	roduct Stream	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL	AME ams- Solid and L	iquid		OUTF	PER YEAR	
1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL	Product Stream	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
Process/P N/ 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Stream	AME ams- Solid and L	iquid		OUTF	PER YEAR	
Process/P NA 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Stream 1.	AME ams- Solid and L	iquid		OUTF	PER YEAR	
Process/P NA 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streat NA 1. 2. 3. 4.	AME ams- Solid and L	iquid		OUTF	PER YEAR	
Process/P NA 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Stream 1. 2. 3. 4. 5.	AME ams- Solid and L	iquid		OUTF	PER YEAR	
Process/P NA 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streat NA 1. 2. 3. 4. 5. 6.	AME ams- Solid and L	iquid		OUTF	PER YEAR	
Process/P NA 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Stream 1. 2. 3. 4. 5.	AME ams- Solid and L	iquid		OUTF	PER YEAR	
Process/P NA 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streat NA 1. 2. 3. 4. 5. 6. 7.	AME ams- Solid and L	iquid		OUTF	PER YEAR	

	, , , , , , , , , , , , , , , , , , , ,	Per Operating Day
Particulate Matter See attached air emmissions	Oxides of Sulfur	Oxides of Nitrogen
99-104	105-110	111-116
Carbon Monoxide	Volatile Organic Compounds	PM-10
177-122	123-128	129-134
17. Total Fugitive Emissions (for the	nis equipment only) in Poun	ds Per Operating Day
See attached air emmissions 135-139	Oxides of Sulfur	Oxides of Nitrogen 145-149
Carbon Monoxide	Volatile Organic Compounds	PM-10
150-154	155-159	160-164
Method Used to Determine Emissi	ons (1= Estimate 2= Er	mission Factor 3= Stack Test 4= Other)
TSP SOX	NOX CO	VOC PM10
165 166	167 168	169 170
	TION MANAGEMENT ADMIN	10/00A
18. Date Rec'd. Local Date	Darid Ctata Date	····· ta l a a al liveia di ati a m
		ırn to Local Jurisdiction
Reviewed by Local Jurisdic	tion Reviewed	By
Reviewed by Local Jurisdic	tion Reviewed Date Date	I by State
Reviewed by Local Jurisdic Date By Month/Y	tion Reviewed Date ear Equipment Code	ByBySCC Code
Reviewed by Local Jurisdic By	tion Reviewed Date ear Equipment Code 74 175-177 Maximum Design Peri	SCC Code SCC Score 178-185 I ransaction Date
Reviewed by Local Jurisdic By	tion Reviewed Date ear Equipment Code 74 175-177	ByBy
Reviewed by Local Jurisdic By	tion Reviewed Date ear Equipment Code 74 175-177 Maximum Design Peri	SCC Code SCC Score 178-185 I ransaction Date
Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 171-17 20. Annual Operating Rate	tion Reviewed Date ear Equipment Code 74 175-177 Maximum Design Perr Hourly Rate 193-199	SCC Code SCC Code 178-185 mit to Operate Iransaction Date Month (MM/DD/YR)
Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 171-17 20. Annual Operating Rate 186-192	tion Reviewed Date ear Equipment Code 74 175-177 Maximum Design Perr Hourly Rate 193-199 SIP Code Regula	SCC Code SCC Code 178-185 mit to Operate
Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 171-17 20. Annual Operating Rate 186-192 Staff Code 208-210 VOC Code	tion Reviewed Date ear Equipment Code 74 175-177 Maximum Design Perr Hourly Rate 193-199 SIP Code Regula	SCC Code SCC Code 178-185 Init to Operate Iransaction Date Month (MM/DD/YR) 200-201 202-207 Ation Code Confidentiality



(2)

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 - Cordova Grain Facility
PREMISES ADDRESS:	11761 Cordova Road, Cordova, Maryland, 21625
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmcconnell@mountaire.com
DES	CRIPTION OF EQUIPMENT OR PROCESS
	Wet Grain Tank Storage

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
\boxtimes	Complete application forms (Note the number of forms included or NA if not applicable.)
	No. 1 Form 5 No. NA Form 11 No. NA Form 5T No. NA Form 41 No. NA Form 5EP No. NA Form 42 No. NA Form 6 No. NA Form 44 No. NA Form 10
\boxtimes	Vendor/manufacturer specifications/guarantees
\boxtimes	Evidence of Workman's Compensation Insurance
\boxtimes	Process flow diagrams with emission points
\boxtimes	Site plan including the location of the proposed source and property boundary
\boxtimes	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

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

		Registration Update	Initial Registration	
1A. Owner of Equipmo Mountaire Farms of De		е	DO NOT WRITE 2. REGISTRAT	
Mailing Address P.O. Box 1320			County No.	Premises No.
Street Address Millsboro	Delaware	19966	1-2	3-6
City	State	Zip	Registration Class	Equipment No.
Telephone Number			7	8-11
(302) 041-4	020		Data Year	
Signature	10 -			
11/6/1			12-13	Application Date
- 7 May	Type		PARTICION SECUNDADA	
Phillip Plylar - Pres	sident		6-3-2024	
Print Name and Title			Date	
1B. Equipment Locati	on and Telephone	Number (if different fro	om above)	
11761 Cordova Ro		riamber (ii amerent iii	om above,	
Street Number and Str	reet Name			
Cordova	Mamilan			
Coluova	iviaryian	d 21	1625 (302) 8	841-4629
City/Town	Marylan State			841-4629 none Number
City/Town	State	Ž		
City/Town	State of Delaware Inc C			
City/Town Mountaire Farms of Premises Name (if difference)	State of Delaware Inc Cerent from above)	ordova Grain Facility	Zip Teleph	
City/Town Mountaire Farms of Premises Name (if difference of the control of the	State of Delaware Inc Cerent from above) Modification to Ex	cordova Grain Facility	Zip Teleph Existing Equipment)	none Number
Mountaire Farms of Premises Name (if difference of the New, B=	State of Delaware Inc Cerent from above)	ordova Grain Facility	Zip Teleph Existing Equipment) Existing	none Number
Mountaire Farms of Premises Name (if difference of the New, B=	State of Delaware Inc Cerent from above) Modification to Exercise Construction	cordova Grain Facility	Zip Teleph Existing Equipment) Existing	none Number
Mountaire Farms of Premises Name (if difference of the New, B=	State of Delaware Inc Cerent from above) Modification to Exercise Construction	cordova Grain Facility	Existing Equipment) Existing () Operation	none Number
Mountaire Farms of Premises Name (if difference of the New Bed) Status (A= New, B= New Status E C	State of Delaware Inc Cerent from above) Modification to Exew Construction Begun (MM/YY) 16-19 ment: Make, Mode	cordova Grain Facility Existing Equipment, C= E New Construction Completed (MM/YY 20-23 I, Features, Manufacturer	Existing Equipment) Existing () Operation	none Number J Initial (MM/YY) -23
Mountaire Farms of Premises Name (if difference Name) 3. Status (A= New, B= N	State of Delaware Inc Cerent from above) Modification to Exew Construction Begun (MM/YY) 16-19 ment: Make, Mode ks @ 10,000 bushels	cordova Grain Facility xisting Equipment, C= E New Construction Completed (MM/YY 20-23 I, Features, Manufacturer each.	Existing Equipment) Existing () Operation	none Number J Initial (MM/YY) -23
Mountaire Farms of Premises Name (if difference of Name) 3. Status (A= New, B= Name) Status (B= Name) C 15 4. Describe this Equip	State of Delaware Inc Cerent from above) Modification to Exew Construction Begun (MM/YY) 16-19 ment: Make, Mode ks @ 10,000 bushels	cordova Grain Facility xisting Equipment, C= E New Construction Completed (MM/YY 20-23 I, Features, Manufacturer each. See attached.	Existing Equipment) Existing Operation Operation 20 (include Maximum Hou	Initial (MM/YY) -23 Irly Input Rate, etc.)
Mountaire Farms of Premises Name (if difference of Name) 3. Status (A= New, B= New, B	State of Delaware Inc Cerent from above) Modification to Exew Construction Begun (MM/YY) 16-19 ment: Make, Mode ks @ 10,000 bushels nsation Coverage	Cordova Grain Facility Existing Equipment, C= E New Construction Completed (MM/Y) 20-23 I, Features, Manufacturer each. See attached. Binder/Policy Number	Existing Equipment) Existing Operation 20 (include Maximum Hou	Initial (MM/YY) -23 Irly Input Rate, etc.)
Mountaire Farms of Premises Name (if difference Name) 3. Status (A= New, B= N	State of Delaware Inc Cerent from above) Modification to Exew Construction Segun (MM/YY) 16-19 ment: Make, Mode ks @ 10,000 bushels nsation Coverage_ of Construct may be issue	Cordova Grain Facility Existing Equipment, C= E New Construction Completed (MM/Y) 20-23 I, Features, Manufacturer each. See attached. Binder/Policy Number lied by the Department, the applications of the construction of	Existing Equipment) Existing Operation Operation (include Maximum Hou	initial (MM/YY) -23 Irly Input Rate, etc.) Expiration Date
Mountaire Farms of Premises Name (if difference Name) 3. Status (A= New, B= N	State of Delaware Inc Correct from above) Modification to Exew Construction Segun (MM/YY) 16-19 ment: Make, Mode ks @ 10,000 bushels nsation Coverage Construct may be issue mpensation coverage as	Cordova Grain Facility Existing Equipment, C= E New Construction Completed (MM/Y) 20-23 I, Features, Manufacturer each. See attached. Binder/Policy Number	Existing Equipment) Existing Operation Operation (include Maximum Hou Epplicant must provide the Depplicant Morker's Compensation	initial (MM/YY) -23 Irly Input Rate, etc.) Expiration Date cartment with proof of tion Act.

7. Person Installing this Equipment (if different from Number 1 on Page 1) NameTitle
Company
Mailing Address/Street
City/TownStateTelephone ()
8. Major Activity, Product or Service of Company at this Location
Grain Elevator - receives, drys and ships all grains.
9. Control Devices Associated with this Equipment
None
<u> </u>
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Baghouse Thermal/Catalytic Dry
Cyclone Tower Scrubber Adsorber Precipitator Afterburner Scrubber
24-1 24-2 24-3 24-4 24-5 24-6 24-7 24-8
Other
X Describe Mineral oil applied to all grains received.
X Describe Mineral oil applied to all grains 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
26-31 32-33 34 35-41 42-45
COAL- TONS SULFUR % ASH% WOOD-TONS MOISTURE %
46-52 53-55 56-58 59-63 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 (Total Seasons= 100%)
76 77-78 79-80 81-82 83-84
0.02

12. Equivalent Stack Innformation- is Exhaust through Doors, Windows, etc. Only? (Y/N)						
If not then	Height Avenue Ogene	ad /FT\	ميد ره مس		85	
If not, then	Height Avove Grour	nd (FT) Inside Diameter at To	op Exit Tempe	rature (°F)	Exit Velocity (FT/SEC)
	86-88	89-91	92-		96-98	
	00-00	09-91	92-	95 		
		NOTE:				
Attach a bl	ock diagram of pro	ocess/process line, indica	ating new equip	ment as i	reported on this	form
	and all existing e	equipment, including con	trol devices and	l emissio	n points.	
13. Input Mat	terials (for this equ	ipment only)				
		nsidered confidential?	(Y or N)			
•			」` ′	INPU	TRATE	
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1. 2.						ļ
3.						<u> </u>
4.						<u> </u>
5.						
6.						
7.						<u> </u>
8.						
9.						-
TOTAL				•		
44 0 4 4 4 4 4 4	-4					
	aterials (for this ed /Product Stream	quipment)				
FIOCESSI	r roudet Stream			OUTE	PUT RATE	
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
2.						
3.						<u> </u>
4 . 5 .						
6.						
7.						
8.						
9.						
TOTAL						
45.34 4.04					• • • • • • • • • • • • • • • • • • • •	
15. waste Str	eams- Solid and L	iquia		OUT	PUT RATE	
ı	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
2.						
3.						
4.						
5.						
6. 7.						
8.		<u> </u>				
9.						1
TOTAL			<u></u>	L		<u> </u>

Page 3 of 4
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16. Total Stack Emissions (for this	s equipment only) in Founds	s Per Operating Day	
Particulate Matter See attached air emmissions	Oxides of Sulfur	Oxides of Nitrogen	
99-104	105-110	111-116	
Carbon Monoxide	Volatile Organic Compounds	PM-10	
177-122	123-128	129-134	
17. Total Fugitive Emissions (for t	his equipment only) in Poun	ds Per Operating Day	
Particulate Matter See attached air emmissions 135-139	Oxides of Sulfur	Oxides of Nitrogen 145-149	
Carbon Monoxide 150-154	Volatile Organic Compounds 155-159	PM-10 160-164	
Method Used to Determine Emissi	ons (1= Estimate 2= E	mission Factor 3= Stack Test 4= Otl	her)
TSP SOX	NOX CO	VOC PM10	
165 166	167 168	169 170	
165 166 AIR AND RADIA	167 168 TION MANAGEMENT ADMIN		
AIR AND RADIA 18. Date Rec'd. Local Date	TION MANAGEMENT ADMIN Rec'd. State Ret		
AIR AND RADIA	Rec'd. State Ret Date Ction Reviewe	Surn to Local Jurisdiction	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic	Rec'd. State Ret Date Ction Reviewe Date	turn to Local Jurisdiction By d by State By	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y	Rec'd. State Ret Date Ction Reviewe Date Cear Equipment Code	turn to Local Jurisdiction By d by State SCC Code	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 171-1	Rec'd. State Ret Date Ction Reviewe Date Fear Equipment Code The state of the state	d by State SCC Code 178-185 mit to Operate Transaction Date	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y	Rec'd. State Ret Date Ction Reviewe Date Cear Equipment Code 175-177	d by State SCC Code 178-185	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 171-1 20. Annual Operating Rate	Rec'd. State Ret Date Ction Reviewe Date Tear Equipment Code The Total Trian Tr	surn to Local Jurisdiction by d by State SCC Code 178-185 mit to Operate Month (MM/DD/YR)	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 20. Annual Operating Rate 186-192 Staff Code VOC Code 208-210 211 212	Rec'd. State Ret Date Ction Reviewe Date Tear Equipment Code The Total Trian Tr	SCC Code SCC Code 178-185 Month (MM/DD/YR) ation Code Confidentiality	

Page 4 of 4 Recycled Paper



(2)

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 - Cordova Grain Facility			
PREMISES ADDRESS:	11761 Cordova Road, Cordova, Maryland, 21625			
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION			
CONTACT NAME:	Kyle McConnell			
JOB TITLE:	Environmental Manager			
PHONE NUMBER:	(302) 841-4629			
EMAIL ADDRESS:	kmcconnell@mountaire.com			
DESCRIPTION OF EQUIPMENT OR PROCESS				
(1) mineral oil dust suppression application 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.

\boxtimes	Application package cover letter describing the proposed project					
\boxtimes	Complete application forms (Note the number of forms included or NA if not applicable.)					
	No. 1 Form 5 No. NA Form 5T No. NA Form 5EP No. NA Form 6 No. NA Form 10	No. NA Form 11 No. NA Form 41 No. NA Form 42 No. NA Form 44				
	Vendor/manufacturer specifications/guaran	tees				
\boxtimes	Evidence of Workman's Compensation Inst	urance				
\boxtimes	Process flow diagrams with emission points	8				
\boxtimes	Site plan including the location of the propo	sed source and property boundary				
\boxtimes	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.					

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

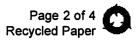
Air and Radiation Management Administration

Air Quality Permits Program

Application for Permit to Construct Gas Cleaning or Emission Control Equipment

1. Owner of Installation	Telephone No.	i	Date of Application		
Mountaire Farms of Delaware Inc.			6-3-2024		
2. Mailing Address	City	Zip Code	County		
P.O. Box 1320	Millsboro	19966	Sussex, DE.		
3. Equipment Location	City/Town or P	P.O.	County		
1176 Cordova Road	Cordova		Talbot		
4. Signature of Owner or Operator	Title		Print or Type Name		
White Polls	President		Phillip Plylar		
5. Application Type: Alteratio	n 🗌	New Con	struction 🔀		
6. Date Construction is to Start:		Completi	on Date (Estimate):		
TBD					
7. Type of Gas Cleaning or Emission Cont	rol Equipment:				
Simple Cyclone Multiple Cyclone	e Afterburne	r E	lectrostatic Precipitator		
Scrubber(type)	Other]	(type)		
8. Gas Cleaning Equipment Manufacturer Model No. Collection Efficiency (Design Criteria)					
9. Type of Equipment which Control Equipr	nent is to Service:				
Mineral oil spray point will be located at the truck receiving grain e	elevator and will operate when	n receiving all gr	ains.		
10. Stack Test to be Conducted:					
Yes No 🔀					
(St	ack Test to be Conducted	Ву)	(Date)		
11. Cost of Equipment					
Estimated Erection Cost					

12. The Following S	Shall Be Design Cr	riteria:			
	INLET				OUTLET
Gas Flow Rate		_ACFM*			ACFM*
Gas Temperature		_°F			°F
Gas Pressure		INCHES V	V.G.		INCHES W.G.
	PRES	SSURE DR	OP		<u> </u>
Dust Loading		GRAINS/A	CFD**		GRAINS/ACFD**
Moisture Content OR		_%			%
Wet Bulb Temperature		_°F			°F
Liquid Flow Rate (Wet Scrubber)		GALLONS	/MINUTE		
	R LIQUID OTHER THAN	N WATER IN	DICATE COMPO	SITION	OF SCRUBBING MEDIUM IN WEIGHT %)
*=	ACTUAL CUBIC FEE	ET PER MIN	NUTE **	'= ACTU	IAL CUBIC FEET DRY
CONCENTRATION COMPOSITION OF	ON OF EACH POLLU THE GASES ENTERI	ITANT IN T	HE GAS STRE LEANING DEV	AM IN V	S POLLUTANTS, PROVIDE THE POLUME PERCENT. INCLUDE THE DITHE COMPOSITION OF EXHAUSTED BLE SPACE IN ITEM 15 ON PAGE 3.
13. Particle Size An	alysis				
Size of Dust Particles E	Entering Cleaning Uni	<u>t</u>	% of Total Du	<u>st</u>	% to be Collected
0 to 10 Mic	rons		-	_	
10 to 44 M	icrons			_	
Larger than	n 44 Microns			_	
14. For Afterburner	Construction Only	/ :			
Volume of	Contaminated Air			CFM	(DO NOT INCLUDE COMBUSTION AIR)
Gas Inlet T	emperature			-°F	
Capacity o	f Afterburner	<u></u>		_BTU/H	R
Diameter (or area) of Afterburne	er Throat		-	
Combustio	n Chamber(diamet	ter)	(length)	_ Opera	ting Temperature at Afterburner °F
Retention ⁻	Time of Gases			-	



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

	State
Acknowledgement Date:	
Reviewed By:	
-	
Returned to Local:	
Date	
Ву	
Application Returned to Applicant:	
Date	
REGISTRATION NUMBER OF ASSOCIATE	D EQUIPMENT:
PREMISES NUMBER:	
PREWISES NOWBER:	
Emission Calculations Revised By	Date
	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 - Cordova Grain Facility			
PREMISES ADDRESS:	11761 Cordova Road, Cordova, Maryland, 21625			
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION			
CONTACT NAME:	Kyle McConnell			
JOB TITLE:	Environmental Manager			
PHONE NUMBER:	(302) 841-4629			
EMAIL ADDRESS:	kmcconnell@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.

\boxtimes	Application package cover letter describing the proposed project					
	Complete application forms (Note the number of forms included or NA if not applicable.)					
	No. 1 Form 5 No. NA Form 11 No. NA Form 5T No. NA Form 41 No. NA Form 5EP No. NA Form 42 No. NA Form 6 No. NA Form 44 No. NA Form 10					
	Vendor/manufacturer specifications/guarantees					
\boxtimes	Evidence of Workman's Compensation Insurance					
\boxtimes	Process flow diagrams with emission points					
\boxtimes	Site plan including the location of the proposed source and property boundary					
\boxtimes	Material balance data and all emissions calculations					
\boxtimes	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.

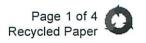
MARYLAND DEPARTMENT OF THE ENVIRONMENT

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

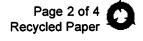
Air and Radiation Management Administration Air Quality Permits Program

Application for Permit to Construct Gas Cleaning or Emission Control Equipment

2. Mailing Address P.O. Box 1320 Millsboro 19966 Sussex, DE. 3. Equipment Location City/Town or P.O. County 11761 Cordova Road Cordova Talbot 4. Signature of Owner or Operator Title Print or Type Name President Phillip Plylar 5. Application Type: Alteration New Construction Completion Date (Estimate): TBD 7. Type of Gas Cleaning or Emission Control Equipment: Simple Cyclone Multiple Cyclone Afterburner Electrostatic Precipitator Scrubber Other (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 No (Stack Test to be Conducted By) (Date)	Owner of Installation Mountaire Farms of Delaware Inc.	Telephone No. (302) 841-4629		Date of Application			
P.O. Box 1320 Millsboro 19966 Sussex, DE. 3. Equipment Location City/Town or P.O. County 11761 Cordova Road Cordova Talbot 4. Signature of Owner or Operator Title Print or Type Name President President New Construction 6. Date Construction is to Start: Completion Date (Estimate): TBD 7. Type of Gas Cleaning or Emission Control Equipment: Simple Cyclone Multiple Cyclone Afterburner Other Other (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 No (Stack Test to be Conducted By) (Date)		(502) 54		6-3-2024			
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(Stack Test to be Conducted By) (Date) 11. Cost of Equipment	Vas No M						
	(Star	ck Test to be Conducted	I Ву)	(Date)			
Estimated Erection Cost	11. Cost of Equipment						



12. The Following Shall Be Des	ign Criteria:			
<u>INLET</u>				OUTLET
Gas Flow Rate	ACFM*			ACFM*
Gas Temperature	°F			°F
Gas Pressure	INCHES	W.G.		INCHES W.G.
	PRESSURE D	ROP		
Dust Loading	GRAINS	/ACFD**		GRAINS/ACFD**
Moisture Content OR	%			%
Wet Bulb Temperature	°F			°F
Liquid Flow Rate (Wet Scrubber)	GALLON	IS/MINUTE		
	R THAN WATER I	NDICATE COMPO	OSITION	OF SCRUBBING MEDIUM IN WEIGHT %)
*= ACTUAL CUB	IC FEET PER M	IINUTE *	*= ACTI	JAL CUBIC FEET DRY
COMPOSITION OF THE GASES E	INTERING THE ON THE ONE OF THE ATMO	CLEANING DEV	ICE AN AVAIL	WOLUME PERCENT. INCLUDE THE ID THE COMPOSITION OF EXHAUSTED ABLE SPACE IN ITEM 15 ON PAGE 3. We to be Collected
Larger dian in motorio				
14. For Afterburner Construction	n Only:			
Volume of Contaminated	Air		_CFM	(DO NOT INCLUDE COMBUSTION AIR)
Gas Inlet Temperature			_ °F	
Capacity of Afterburner _			_ BTU/ŀ	I R
Diameter (or area) of Afte	erburner Throat_		_	
Combustion Chamber	(diameter)	(length)	_ Opera	ating Temperature at Afterburner °F
Retention Time of Gases			_	



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

Date Received:	Local	State	
Acknowledgeme	nt Date:		
Reviewed By:			
•			

Returned to Loca			
Date			
Ву			
Application Retu	rned to Applicant:		
Date			
REGISTRATION NUM	MBER OF ASSOCIATED EQUI	IPMENT:	
PREMISES NUMBER	k:		
		Date	
		Date	·
		Date	



Talbot County Planning and Zoning Department 215 Bay Street, Suite 2 Easton, Maryland 21601

Phone: 410-770-8030 FAX: 410-770-8043 edeflaux@talbotcountymd.gov TTY: 410-822-8735

July 1, 2024

Kyle McConnell Environmental Manager – Eastern Shore Mountaire Farms (302) 841-4629

c/o Mountaire Farms of Delaware Inc. P.O. Box 1320 Millsboro, DE 19966

Subject: Zoning Verification for the properties of Mountaire Farms:

- 1. 11761 Cordova Road Cordova, MD 21625 Tax Map 11, Grid 12, Parcel 47 Tax Account # 147316
- 14209 Old Wye Mills Road Wye Mills, MD 21679 Map 1, Grid 10, Parcel 7 Tax Account # 156064

In response to your request for information regarding the above-referenced properties, I have researched our files and present the following:

1. The Cordova property is in the Village Mixed (VM) zoning district and is currently compliant with all zoning standards. The land use category is Agricultural Support Businesses and Services (Talbot County Code §190-25.2 (Table IV-1) Table of Land Uses). This property operates under the Grain Processing, Drying, and Storage (wholesale commercial) use permitted only by a Special Exception from the Board of Appeals in the VM zoning district. The property has been operating as this use since at

least the 1950's. The first Special Exception was granted in 1994 to construct a new 60' diameter storage tank (80' Height) and replace in-kind the existing tank with a 48' diameter tank (Appeal No. 927). In the year 2000, a modification to the existing Special Exception was granted by the Board to construct one (1) additional grain bin (Appeal No. 1123). In 2022, the Board approved another modification to the Special Exception to allow for the construction of an additional grain tank (SPEX-22-4).

2. The existing zoning for the property in Wye Mills is Village Hamlet (VH) and Critical Area Overlay (CAO). There are currently no outstanding zoning issues for this facility. The land use category is Agricultural Support Businesses and Services. This property operates under the Grain Processing, Drying, and Storage (wholesale commercial) use permitted only by a Special Exception from the Board of Appeals in the VH zoning district. The property was first granted a Special Exception for grain storage in 1977 (Appeal No. 237), to allow two grain storage tanks, in addition to a tank that existed since 1948. In 1979, the Board of Appeals granted a modification to the Special Exception (Appeal No. 357) to construct an additional two (2) grain storage tanks. At this time, the Board also granted a height variance of the 40' maximum height. Only one of the two approved tanks were constructed in the allotted time frame. In 1983, the property owner was again granted a Special Exception modification, and variance of the 40' height restriction, to construct an additional grain tank (Appeal No. 496). The Nagel company purchased the property in 1994. In 1995, the Board granted a modification to the Special Exception to construct two additional grain storage tanks and granted a variance for reduction of the 200' setback (Appeal No. 947). The applicant never constructed the approved tanks. In 1997, the applicant again requested a modification to the Special Exception to construct two (2) grain storage tanks and for a variance of the 200' setback. The Board, again, granted the request (Appeal No. 1036). In 1999, the Board granted a modification to the Special Exception to construct three (3) additional grain storage tanks (Appeal No. 1092). In 2015, the Board granted a modification of the Special Exception to approve six (6) grain storage tanks, one (1) grain dryer, and granted eight (8) setback variances necessary to construct the grain tanks (Appeal No. 14-1625). The Talbot County Code was amended in 2018, modifying setback requirements in the VH zoning district. As modified, "New or expanded structures shall maintain the minimum setback from lot lines of the existing structures on the same property." In 2023, the Board approved variances and a modification of the Special Exception to permit the construction of two (2) grain tanks at heights of 134.23' and 115.5' where the maximum height of 100' is a supplemental standard for a storage structure (SPEX-23-2). The office building on the property was destroyed by fire in December of 2023. The temporary office is permitted with a temporary use certificate (U-23-15). The demolition of the damaged building is currently underway (DEMO-24-13). This office has not yet received a building permit application for the replacement building.

The commonly owned properties adjacent to the subject property in Wye Mills are zoned Village Hamlet (VH), are in the Critical Area Overlay (CAO), and the land use category is Residential. All four dwellings are proposed to be demolished and removed and have demolition permits applied for as follows:

155068	28685 Queen Anne Hwy, Wye Mills, MD	0001	0010	0025	DEMO-24-16
155483	28681 Queen Anne Hwy,	0001	0010	0005	DEMO-24-18
145100	Wye Mills, MD 28663 Queen Anne Hwy,	0001	0010	0045	DEMO-24-20
145119	Wye Mills, MD 28665 Queen Anne Hwy, Wye Mills, MD	0001	0010	0042	DEMO-24-17

The standard setbacks of the parcels in the VH and VM are as follows:

Front	25'
Side	10'
Rear	25'

State Highway 50' (All parcels front on State Highways, Rt. 662, 309 or 404)

This information was researched on July 1, 2024, by the undersigned, per request and as a public service. The undersigned certifies that the above information contained herein is believed to be accurate and is based upon, or relates to, the information supplied by the requestor. The Authority assumes no liability for errors and omissions. All information was obtained from public records, which may be inspected during regular business hours.

Please contact me if you have any questions.

Sincerely,

Andrew Nixon

Talbot County Planning and Zoning