MARYLAND DEPARTMENT OF THE ENVIRONMENT

AIR AND RADIATION ADMINISTRATION APPLICATION FOR A PERMIT TO CONSTRUCT

DOCKET # 05-24

COMPANY: Mountaire Farms of Delaware, Inc.

LOCATION: 3695 Choptank Rd., Preston, MD 21655

APPLICATION: A grain drying and handling facility

<u>ITEM</u>	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, 6, Equipment List, Emissions Calculations, Site Diagram, Process Flow Diagram
4	Zoning Approval

DEPARTMENT OF THE ENVIRONMENT AIR AND RADIATION ADMINISTRATION

NOTICE OF APPLICATION AND OPPORTUNITY TO REQUEST AN INFORMATIONAL MEETING

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

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

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

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

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

Christopher R. Hoagland, Director Air and Radiation Administration



The Applicant's Guide to Environmental Justice and Permitting

What You Need to Know

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

What is Environmental Justice?

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

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

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

What is House Bill 1200 and what does it require?

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

What is a "Maryland EJ Tool"?

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

What is an "EJ Score"?

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

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



The Applicant's Guide to Environmental Justice and Permitting

What You Need to Know

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

What does the application require?

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

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

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

Questions

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

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

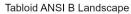
For land permits pertaining to Solid Waste, please call 410-537-3098. For land permits pertaining to Oil Control, please call 410-537-3483.

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

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

Area of Interest (AOI) Information

May 6 2024 14:12:27 Eastern Daylight Time





Summary

Mode	Name	Count	Area(mi²)	Length(mi)
Sozie	MDE Final EJ Score (%ile score)	1	N/A	
Score Tip Resource Score (Nate score) 1 NA NA One-buttediender Sereibere Population (Yiller Score) 1 NA NA NA Scorescondiend Sereibere Population (Yiller Score) 1 NA NA NA Scorescondinotion Companies Sereibere Population (Yiller Score) 1 NA NA NA Scorescondinotion Companies Sereibere Population (Yiller Score) 1 NA NA NA Schaff Donoted Coll (Yill) 0 NA NA NA Schaff Donoted (Yill) 1 NA NA NA Fine Parlander (2012) 1 NA NA NA Fine Parlander (2012) 1 NA NA NA Biscolate FY 2002 and Current Parrint 0 NA NA NA Biscolate FY 2002 and Current Parrint 1 NA NA NA Biscolate FY 2002 and Current Parrint 1 NA NA NA Biscolate FY 2002 and Current Parrint 1 NA NA NA Biscolate FY 2002 and Current Par		1	N/A	N/A
Ownbrunchio Senderic Population (Nice) 1 NA NA Scoopponantio Demonsplation Serve 2020 (Percentile soncy (Underword Community)) 1 NA NA NA Scoopponantio Demonsplation Serve 2020 (Percentile soncy (Underword Community) 1 NA NA NA All Entisalisms Facilities 0 NA NA NA Sulfur Discolate PY200 (Percentile soncy) (Underword Community) 1 NA NA Fine Paticles (2012) 1 NA NA NA File College PY200 (Percent Details) 0 NA NA NA Biocollar PY200 (Percent Permits) 0 NA NA NA Biocollar PY200 (Percent Permits) 1 NA NA NA Biocollar PY200 (Percent Expreed) 1 NA NA NA Biocollar PY200 (1	N/A	N/A
Server New N	Overburdened Exposure Score (%ile score)	1	N/A	N/A
Percentilis source Underserved 1		1	N/A	N/A
Solfor Dioxidis (2010) 0 NA NA NA Conce (2015) 1 NA NA NA Basellis FY 2020 and Current Permil 0 NA NA Biscellis FY 2020 and Current Permil 0 NA NA Biscellis FY 2020 and Current Permil 0 NA NA Biscellis FY 2020 and Current Permil 1 NA NA Biscellis FY 2020 and Current Permil 1 NA NA Biscellis FY 2020 and Current Permil 1 NA NA Biscellis FY 2020 and Current Permil 1 NA NA Biscellis FY 2020 and Current Permil 1 NA NA Biscellis FY 2020 and Current Permil 1 NA NA Biscellis FY 2020 and Current Permil 1 NA NA Biscellis FY 2020 and Current Permil 1 NA NA Biscellis FY 2020 and Current Permil 1 NA NA Biscellis FY 2020 and Current Permil 1 NA NA Biscellis FY 2020 and Current Permil	(Percentile score) (Underserved	1	N/A	N/A
Ozone (2015) 1 NA NIA NIA Fine Particle (2012) 1 NIA	Air Emissions Facilities	0	N/A	N/A
Five Particles (2012) 1 NA NA Bissolids FY 2020 and Curront Permit Details 0 NA NA NIA Bissolids FY 2010 - 2014 Permit Details 0 NA NIA NIA Bissolids FY 2020 and Current Permits Details 1 NIA NIA NIA Bissolids FY 2020 and Current Permits Details (Institution By Acroage 1 NIA NIA NIA Bissolids FY 2020 and Current Permits Details (Institution By Acroage 1 NIA NIA NIA Bissolids FY 2020 and Current Permits Details (Institution By Acroage 1 NIA NIA NIA Bissolids FY 2020 and Current Permits Details (Institution By Acroage 1 NIA NIA NIA Bissolids FY 2020 and Current Permits Details (Institution By Permits Carreige) 1 NIA NIA NIA Bissolids FY 2020 and Current Coverage 1 NIA NIA NIA Bissolids FY 2020 and Current Coverage 1 NIA NIA NIA Bissolids FY 2020 and Current Coverage 1 NIA NIA NIA Coc	Sulfur Dioxide (2010)	0	N/A	N/A
Boolide P7 2010 and Current Permit Color	Ozone (2015)	1	N/A	N/A
Debatis O NNA NA Biosolds FV2000 2014 Permit Details 0 NA NA NA Biosolds FV2000 and Current Permits 1 NA NA NA Biosolds FV2004 and Current Permits 1 NA NA NA Biosolds FV2015 - 2019 Permits 1 NA NA NA Biosolds FV2016 - 2014 Permits 1 NA NA NA Biosolds FV2017 - 2014 Permits 1 NA NA NA Biosolds FV2018 - 2014 Permits 1 NA NA NA Biosolds FV2019 - 2014 Permits Devicted 1 NA NA NA Biosolds FV2019 - 2014 Permit Devicted 1 NA NA NA Biosolds FV2019 - 2014 Permit Devicted 1 NA NA NA Biosolds FV2019 - 2014 Permit Devicted 1 NA NA NA Biosolds FV2019 - 2014 Permit Devicted 1 NA NA NA CAPCIDO SI A Permit Devicted 1 NA NA NA <td>Fine Particles (2012)</td> <td>1</td> <td>N/A</td> <td>N/A</td>	Fine Particles (2012)	1	N/A	N/A
Bioselidis FY 2003 and Current Permits 1		0	N/A	N/A
Booldis FY 2002 and Current Permits Obstitution By Acreage 1 NA NA Discibility FY 2012 2- 191 Permits Distriction By Acreage 1 NA NA NA Discibility FY 2012 - 2014 Permits Distriction By Acreage 1 NA NA NA Booldis FY 2012 - 2014 Permits Distriction By Acreage 1 NA NA NA Booldis FY 2012 - 2014 Permit Distriction By Percent Coverage 1 NA NA NA Bisodis FY 2012 - 2014 Permit Distriction By Percent Coverage 1 NA NA NA Bisodis FY 2012 - 2014 Permit Distriction By Percent Coverage 1 NA NA NA Bisodis FY 2012 - 2014 Permit Distriction By Percent Coverage 1 NA NA NA Bisodis FY 2012 - 2014 Permit Distriction By Percent Coverage 1 NA NA NA Bisodis FY 2012 - 2014 Permit Distriction By Percent Coverage 1 NA NA NA Bisodis FY 2014 Permit Distriction By Percent Coverage 1 NA NA NA Bisodis FY 2014 Permit Distriction By Percent Coverage 1 NA NA	Biosolids FY2010 - 2014 Permit Details	0	N/A	N/A
Distribution By Acreage	Biosolids FY2009 Expired Permit Details	0	N/A	N/A
Distribution By Acraege 1 N/A N/A Bicosidis FY 2012 Permits Distribution By Acraege 1 N/A N/A Bicosidis FY 2020 Permits Expired Distribution By Acraege 1 N/A N/A Bicosidis FY 2020 and Curren Permit Distribution By Acraege 1 N/A N/A Bicosidis FY 2020 and Curren Permit Distribution By Permit Dist		1	N/A	N/A
Distribution By Acreage 1 NA NA Biosolidis FY 2002 permits Expired 1 NA NA Biosolidis FY 2002 and Current Permit 1 NA NA Biosolidis FY 2015 - 2019 Permit Distribution 1 NA NA Biosolidis FY 2015 - 2019 Permit Distribution 1 NA NA Biosolidis FY 2015 - 2019 Permit Distribution 1 NA NA Biosolidis FY 2010 - 2014 Permit Distribution 1 NA NA Biosolidis FY 2010 Expired Permit 1 NA NA NA Correct Coverage 1 NA NA NA Composting Facilities 0 NA NA NA Composting Facilities 0 NA NA NA Landfills 0 NA NA NA Correctional Facilities 0 NA NA NA Correctional Facilities 0 NA NA NA Residential Colleges 0 NA NA NA		1	N/A	N/A
Distribution By Acreage 1 NA NA Bisoolids FY 2020 and Current Permit 1 NA NA Bisoolids FY 2015 - 2019 Permit Distribution by Percent Coverage 1 NA NA Bisoolids FY 2010 - 2014 Permit Distribution By Percent Coverage 1 NA NA Biosolids FY 2009 Expired Permit Distribution By Percent Coverage 1 NA NA Biosolids FY 2009 Expired Permit Distribution By Percent Coverage 1 NA NA Concentrated Animal Feeding Operations (CAFCob) 0 NA NA Concentrated Animal Feeding Operations (CAFCob) 0 NA NA Composting Facilities 0 NA NA Composting Facilities 0 NA NA Correctional Facilities 0 NA NA Correctional Facilities 0 NA NA No.A Residential Colleges 0 NA NA No.P Residential Colleges 0 NA NA Holpstals 0 NA NA Holpstals <t< td=""><td></td><td>1</td><td>N/A</td><td>N/A</td></t<>		1	N/A	N/A
Distribution By Percent Coverage I N/A N/A Bisoolidis FY2015 - 2019 Permit Distribution By Percent Coverage 1 N/A N/A Bisoolidis FY2015 - 2014 Permit Distribution By Percent Coverage 1 N/A N/A Bisoolidis FY2016 Expired Permit Distribution By Percent Coverage 1 N/A N/A Concentrated Animal Feeding Operations (CAFOs) 0 N/A N/A Composting Facilities 0 N/A N/A Food Scrap Acceptors 0 N/A N/A Correctional Facilities 0 N/A N/A Residential Colleges 0 N/A N/A Non-Residential Colleges 0 N/A N/A Hospitals 0 N/A N/A Grocery Stores 0 N/A N/A Grocery Stores 0 N/A N/A		1	N/A	N/A
By Percent Coverage 1		1	N/A	N/A
By Percent Coverage 1		1	N/A	N/A
Distribution By Percent Coverage I N/A N/A Concentrated Animal Feeding Operations (CAF-Os) 0 N/A N/A Composting Facilities 0 N/A N/A Food Scrap Acceptors 0 N/A N/A Landfills 0 N/A N/A Correctional Facilities 0 N/A N/A Industrial Food Suppliers 0 N/A N/A Residential Colleges 0 N/A N/A Non-Residential Colleges 0 N/A N/A Iligh Schools 0 N/A N/A Order Schools 0 N/A N/A <td></td> <td>1</td> <td>N/A</td> <td>N/A</td>		1	N/A	N/A
(CAFOS) V N/A N/A Composting Facilities 0 N/A N/A Food Scrap Acceptors 0 N/A N/A Landfills 0 N/A N/A Correctional Facilities 0 N/A N/A Industrial Food Suppliers 0 N/A N/A Residential Colleges 0 N/A N/A Non-Residential Colleges 0 N/A N/A Hospitals 0 N/A N/A Hospitals 0 N/A N/A High Schools 0 N/A N/A Grocery Stores 0 N/A N/A 10 Miles from Landfill 3 N/A N/A 10 Miles from Composting Facility 0 N/A N/A General Composting Facility 0 N/A N/A Commercial Anaerobic Digester (MD) 0 N/A N/A Out of State Facilities 0 N/A N/A 30 Mile Buffer (Out of St		1	N/A	N/A
Food Scrap Acceptors 0 N/A N/A Landfills 0 N/A N/A Correctional Facilities 0 N/A N/A Industrial Food Suppliers 0 N/A N/A Residential Colleges 0 N/A N/A Non-Residential Colleges 0 N/A N/A Non-Residential Colleges 0 N/A N/A Hiospitals 0 N/A N/A Hiospitals 0 N/A N/A Hiospitals 0 N/A N/A Hiospitals 0 N/A N/A Grocery Stores 0 N/A N/A 10 Miles from Landfill 3 N/A N/A N/A 10 Miles from Composting Facilities 0 N/A N/A N/A General Composting Facilities 0 N/A N/A N/A Out of State Facilities 0 N/A N/A N/A Out of State Facilities 0 N/A		0	N/A	N/A
Landfilis 0 N/A N/A Correctional Facilities 0 N/A N/A Industrial Food Suppliers 0 N/A N/A Residential Colleges 0 N/A N/A Non-Residential Colleges 0 N/A N/A Hospitals 0 N/A N/A High Schools 0 N/A N/A Grocery Stores 0 N/A N/A 10 Miles from Landfill 3 N/A N/A 10 Miles from Composting Facility 0 N/A N/A 10 Miles from Composting Facility 0 N/A N/A General Composting Facility 0 N/A N/A Commercial Anaerobic Digester (MD) 0 N/A N/A Commercial Anaerobic Digester (MD) 0 N/A N/A 30 mile buffer (Maryland) 1 N/A N/A 30 Mile Buffer (Maryland) 1 N/A N/A Land Restoration Facilities 0 N/A N	Composting Facilities	0	N/A	N/A
Correctional Facilities 0 N/A N/A Industrial Food Suppliers 0 N/A N/A Residential Colleges 0 N/A N/A Non-Residential Colleges 0 N/A N/A Hospitals 0 N/A N/A High Schools 0 N/A N/A Groeny Stores 0 N/A N/A 10 Miles from Landfill 3 N/A N/A 10 Miles from Composting Facility 0 N/A N/A General Composting Facilities Tier 2 (MD) 0 N/A N/A Commercial Anaerobic Digester (MD) 0 N/A N/A Out of State Facilities 0 N/A N/A 30 mile buffer (Maryland) 1 N/A N/A 30 Mile Buffer (Out of State) 0 N/A N/A Land Restoration Facilities 0 N/A N/A Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A	Food Scrap Acceptors	0	N/A	N/A
Industrial Food Suppliers 0 N/A N/A Residential Colleges 0 N/A N/A Non-Residential Colleges 0 N/A N/A Hospitals 0 N/A N/A High Schools 0 N/A N/A Grocery Stores 0 N/A N/A 10 Miles from Landfill 3 N/A N/A 10 Miles from Composting Facility 0 N/A N/A General Composting Facilities Tier 2 (MD) 0 N/A N/A Commercial Anaerobic Digester (MD) 0 N/A N/A Out of State Facilities 0 N/A N/A 30 mile buffer (Maryland) 1 N/A N/A 30 mile buffer (Out of State) 0 N/A N/A Land Restoration Facilities 0 N/A N/A Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A N/A Entities 0 N/A N/A <td>Landfills</td> <td>0</td> <td>N/A</td> <td>N/A</td>	Landfills	0	N/A	N/A
Residential Colleges 0 N/A N/A Non-Residential Colleges 0 N/A N/A Hospitals 0 N/A N/A High Schools 0 N/A N/A Grocery Stores 0 N/A N/A 10 Miles from Landfill 3 N/A N/A 10 Miles from Composting Facility 0 N/A N/A General Composting Facilities Tier 2 (MD) 0 N/A N/A Commercial Anaerobic Digester (MD) 0 N/A N/A Out of State Facilities 0 N/A N/A 30 mile buffer (Maryland) 1 N/A N/A 30 Mile Buffer (Out of State) 0 N/A N/A Land Restoration Facilities 0 N/A N/A Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A N/A Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	Correctional Facilities	0	N/A	N/A
Non-Residential Colleges 0 N/A N/A Hospitals 0 N/A N/A High Schools 0 N/A N/A Grocery Stores 0 N/A N/A 10 Miles from Landfill 3 N/A N/A 10 Miles from Composting Facility 0 N/A N/A General Composting Facilities Tier 2 (MD) 0 N/A N/A Commercial Anaerobic Digester (MD) 0 N/A N/A Out of State Facilities 0 N/A N/A 30 mile buffer (Maryland) 1 N/A N/A 30 Mile Buffer (Out of State) 0 N/A N/A Land Restoration Facilities 0 N/A N/A Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A N/A Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	Industrial Food Suppliers	0	N/A	N/A
Hospitals 0 N/A N/A High Schools 0 N/A N/A Grocery Stores 0 N/A N/A 10 Miles from Landfill 3 N/A N/A 10 Miles from Composting Facility 0 N/A N/A General Composting Facilities Tier 2 (MD) 0 N/A N/A Commercial Anaerobic Digester (MD) 0 N/A N/A Out of State Facilities 0 N/A N/A 30 mile buffer (Maryland) 1 N/A N/A 30 Mile Buffer (Out of State) 0 N/A N/A Land Restoration Facilities 0 N/A N/A Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A N/A Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	Residential Colleges	0	N/A	N/A
High Schools 0 N/A N/A Grocery Stores 0 N/A N/A 10 Miles from Landfill 3 N/A N/A 10 Miles from Composting Facility 0 N/A N/A General Composting Facilities Tier 2 (MD) 0 N/A N/A Commercial Anaerobic Digester (MD) 0 N/A N/A Out of State Facilities 0 N/A N/A 30 mile buffer (Maryland) 1 N/A N/A 30 Mile Buffer (Out of State) 0 N/A N/A Land Restoration Facilities 0 N/A N/A Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A N/A Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	Non-Residential Colleges	0	N/A	N/A
Grocery Stores 0 N/A N/A 10 Miles from Landfill 3 N/A N/A 10 Miles from Composting Facility 0 N/A N/A General Composting Facilities Tier 2 (MD) 0 N/A N/A Commercial Anaerobic Digester (MD) 0 N/A N/A Out of State Facilities 0 N/A N/A 30 mile buffer (Maryland) 1 N/A N/A 30 Mile Buffer (Out of State) 0 N/A N/A Land Restoration Facilities 0 N/A N/A Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A N/A Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	Hospitals	0	N/A	N/A
10 Miles from Landfill 3 N/A N/A 10 Miles from Composting Facility 0 N/A N/A General Composting Facilities Tier 2 (MD) 0 N/A N/A Commercial Anaerobic Digester (MD) 0 N/A N/A Out of State Facilities 0 N/A N/A 30 mile buffer (Maryland) 1 N/A N/A 30 Mile Buffer (Out of State) 0 N/A N/A Land Restoration Facilities 0 N/A N/A Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A N/A Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	High Schools	0	N/A	N/A
10 Miles from Composting Facility 0 N/A N/A N/A General Composting Facilities Tier 2 (MD) 0 N/A N/A N/A Commercial Anaerobic Digester (MD) 0 N/A N/A N/A Out of State Facilities 0 N/A N/A N/A 30 mile buffer (Maryland) 1 N/A N/A N/A 30 Mile Buffer (Out of State) 0 N/A N/A N/A Land Restoration Facilities 0 N/A N/A N/A Determinations (points) 0 N/A N/A N/A Determinations (areas) 0 N/A N/A N/A Entities 0 N/A N/A N/A Active Coal Mine Sites 0 N/A N/A N/A	Grocery Stores	0	N/A	N/A
General Composting Facilities Tier 2 (MD) 0 N/A N/A Commercial Anaerobic Digester (MD) 0 N/A N/A Out of State Facilities 0 N/A N/A 30 mile buffer (Maryland) 1 N/A N/A 30 Mile Buffer (Out of State) 0 N/A N/A Land Restoration Facilities 0 N/A N/A Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A N/A Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	10 Miles from Landfill	3	N/A	N/A
Commercial Anaerobic Digester (MD) 0 N/A N/A Out of State Facilities 0 N/A N/A 30 mile buffer (Maryland) 1 N/A N/A 30 Mile Buffer (Out of State) 0 N/A N/A Land Restoration Facilities 0 N/A N/A Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A N/A Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	10 Miles from Composting Facility	0	N/A	N/A
Out of State Facilities 0 N/A N/A 30 mile buffer (Maryland) 1 N/A N/A 30 Mile Buffer (Out of State) 0 N/A N/A Land Restoration Facilities 0 N/A N/A Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A N/A Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	General Composting Facilities Tier 2 (MD)	0	N/A	N/A
30 mile buffer (Maryland) 1 N/A N/A 30 Mile Buffer (Out of State) 0 N/A N/A Land Restoration Facilities 0 N/A N/A Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A N/A Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	Commercial Anaerobic Digester (MD)	0	N/A	N/A
30 Mile Buffer (Out of State) 0 N/A N/A Land Restoration Facilities 0 N/A N/A Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A N/A Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	Out of State Facilities	0	N/A	N/A
Land Restoration Facilities 0 N/A N/A Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A N/A Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	30 mile buffer (Maryland)	1	N/A	N/A
Determinations (points) 0 N/A N/A Determinations (areas) 0 N/A N/A Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	30 Mile Buffer (Out of State)	0	N/A	N/A
Determinations (areas) 0 N/A N/A Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	Land Restoration Facilities	0	N/A	N/A
Entities 0 N/A N/A Active Coal Mine Sites 0 N/A N/A	Determinations (points)	0	N/A	N/A
Active Coal Mine Sites 0 N/A N/A N/A	Determinations (areas)	0	N/A	N/A
	Entities	0	N/A	N/A
Historic Mine Facilities 0 N/A N/A	Active Coal Mine Sites	0	N/A	N/A
	Historic Mine Facilities	0	N/A	N/A

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

MDE Final EJ Score (%ile score)

:	# Cens	sus tract identifier	Geographic Area Name	Total Population	Final EJ Score Percent (for this tract)	Final EJ Score Percentile (Distribution across Maryland)	Area(mi²)
1	240119	955500	Census Tract 9555, Caroline County, Maryland	3611	27.33	35.48	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	24011955500	Census Tract 9555, Caroline County, Maryland	3,611	35.14	3.90	5.68	37.94	74.38
ш	Camaitina Damul	ation Donosutile	Overshounden	ad A II Dawaa wa	O. canbundana	d A II Dawa a matila	A	/ !2\

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

Overburdened Pollution Environmental Score (%ile score)

#	GEOID20	Geographic_Area_ Name	RentalsOccupiedP re79Percent	Percentile	PercentRMP	PercentRMPEJ	PercentHazWaste	PercentHazWaste EJ
1	24011955500	Census Tract 9555, Caroline County, Maryland	22.60	68.22	1.24	3.41	0.31	3.76

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

#	PercentCAFOS	Percentile_12_13	PercentActiveMines	Percentile_12_13_14	PollutionEnvironment alPercent	PollnEnvironmentalP ercentile	Area(mi²)
1	40.63	99.32	0.00	0.00	5.68	37.94	N/A

Overburdened Exposure Score (%ile score)

#	GEOID20	Geographic_Area_ Name	Total_Pop	PercentNATA_Can cer	Percentile_NATA_ Cancer	PercentNATA_Res p_HI	Percentile_NATA_ Resp_HI	PercentNATA_Dies el
1	24011955500	Census Tract 9555, Caroline County, Maryland	3,611.00	40.00	7.62	60.00	12.67	11.68

#	Percentile_NATA_ Diesel	PercentNATA_PM2 5	PercentileNATA_P M25	PercentOzone	PercentileOzone	PercentTraffic	PercentileTraffic	PercentTRI
1	4.89	77.57	4.42	91.88	14.60	0.00	0.00	0.00

#	PercentileTRI	PercentHazWasteLF	Percentile_HazWasteLF	PollutionExposurePercen t	PollutionExposurePercen tile	Area(mi²)	
1	0.00	0.00	0.00	35.14	3.90	N/A	

Overburdened Sensitive Population (%ile score)

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

	#	PercentBroad	PercentileBroad	PercentSens	PercentileSens	Area(mi²)
ſ	1	12.40	62.82	55.57	59.60	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	24011955500	Census Tract 9555, Caroline County, Maryland	3,611	21.68	17.14	0.00	12.94	25.50	N/A

Ozone (2015)

#	STATEFP10	COUNTYFP10	COUNTYNS10	GEOID10	NAME10	Ozone NAA Area	8-Hr Ozone (2015) Designation	8-HR Ozone (2015) Classification	8-Hr Ozone (2015) Status	Area(mi²)
1	24	011	00595737	24011	Caroline	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	011	00595737	24011	Caroline	Attainment/Unclassifia ble	N/A

Biosolids FY 2020 and Current Permits Distribution By Acreage

#	County Name	FY2020andAfter	Area(mi²)
1	Caroline	1,415.70	N/A

Biosolids FY2015 - 2019 Permits Distribution By Acreage

#	County Name	FY2015to2019	Area(mi²)
1	Caroline	1,824.70	N/A

Biosolids FY2010 - 2014 Permits Distribution By Acreage

	#	County Name	FY2010to2014	Area(mi²)
Γ	1	Caroline	1,328.80	N/A

Biosolids FY2009 Permits Expired Distribution By Acreage

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

Biosolids FY 2020 and Current Permit Distribution By Percent Coverage

#	County Name	FY2020andAfter	Area(mi²)
1	Caroline	1,415.70	N/A

Biosolids FY2015 - 2019 Permit Distribution By Percent Coverage

#	County Name	FY2015to2019	Area(mi²)
1	Caroline	1,824.70	N/A

Biosolids FY2010 - 2014 Permit Distribution By Percent Coverage

#	County Name	FY2010to2014	Area(mi²)
1	Caroline	1,328.80	N/A

Biosolids FY2009 Expired Permit Distribution By Percent Coverage

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

10 Miles from Landfill

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

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

30 mile buffer (Maryland)

#	Facility_Name_1	Facility_Contact _1	Contact_Phone	Contact_Email_ 1	Contact_2	Contact_2_Phon e	Contact_2_Emai	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	



April 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. - Preston Grain Facility

Mr. Hafner:

Please find enclosed the application packet for our Preston Grain Facility 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.

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

Regards,

Kyle McConnell

Environmental Manager

Kyle McComeli

Mountaire Farms



Mountaire Farms of Delaware Inc. – Preston Grain Facility

Equipment List

Grain Storage

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

Wet Tanks

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



Grain Dryer

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

Truck Receiving Pit

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

Grain Elevator Legs

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

Grain Turn Heads

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



Overhead Grain Transfer Drags

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

Tunnel Drags

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

Transfer Drags

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



Tube Transfer / Loadout Screws

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

Gravity Loadouts

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



orain eleval	or potential emi			т	·				ise noted: EPA AP	TA CHAPIEL 9,9
	a	b	С	d	е	f	9	h	h	i
	:	Maximum Capacity	PM Control Efficiency	PM Emission Factor	PM Emissions	PM ₁₀ Control Efficiency	PM ₁₀ Emission Factor	PM ₁₆ Emissions	PM _{2.5} Emission Factor	PM _{2.5} Emissions
A	ctivity	(tons/year) 300,000,0	(% control)	(lb/ton)	(tons/year) b*d/2000	(% control)	(lb/ton)	(ton/year) b*g/2000	(lb/ton)	(ton/year) 6*h*(1-f)/2000
	Truck straight	300,000.0		0.18	27.00		0.059	8.85	0.01	1.50
	Truck hopper	0.0		0.035	0.00		0.0078	0.00	0.0013	0.00
Receiving	Rail	0.0		0.032	0.00		0.0078	0.00	0.0013	0.00
Receiving	Barge unload cont.	0.0	0%	0.029	0.00	0%	0.0073	0.00	0.0019	0.00
	Barge marine leg	0.0		0.15	0.00		0.038	0.00	0.005	0.00
	Ship	0.0		0.15	0.00		0.038	0.00	0.005	0.00
	Truck unspecified	300,000.0		0.086	12.90		0.029	4.35	0.0049	0.74
Loadout /	Railcar	0.0		0.027	0.00		0.0022	0.00	0.00037	0.00
Shipping	Barge	0.0	070	0.016	0.00		0,004	0.00	0.00055	0.00
	Ship	0.0		0.048	0.00		0.012	0.00	0.0022	0.00
Headhouse & F	landling ²	900,000.0		0.061	27.45		0.034	15.30	0.0058	2.61
Grain Cleaning ³		0.0		0.375	0.00		0.095	0.00	0.016	0.00
Storage Bin (ve	nt)	600,000.0		0.025	7.50		0.0063	1.89	0.0011	0.33
	Rack	0.0	MY SET	3	0.00		0.75	0.00	0.13	0.00
Grain Drying	Rack (<50 mesh)	0.0		0.47	0.00		0.12	0.00	0.02	0.00
	Column	300,000.0		0.22	33.00		0.055	8.25	0.0094	1.41
otal tons of e	missions (excluding	dryer combusti	on)		107.85			38.64		6.59

Grain elevat	or actual emissi	ons					Sour	rce unless otherw	ise noted: EPA AP	-42 Chapter 9.9.1	
	а	ь	C	d	е	f	g	h	h	ī	
	ctivity	Actual Throughput	PM Control Efficiency ¹	PM Emission Factor	PM Emissions	PM ₅₀ Control Efficiency ¹	PM ₁₀ Emission Factor	PM ₁₀ Emissions	PM _{2.6} Emission Factor	PM _{2.5} Emissions	
A	CUVILY	(tons/year)	(% control)	(lb/ton)	(tons/year) b*d*(1-c)/2000	(% control)	(lb/ton)	(ton/year) b*g*(1-f)/2000	(lb/ton)	(ton/year) b*h*(1-f)/2000	
	Truck straight	300,000.0	85%	0.18	4.05	85%	0.059	1.33	0.01	0.23	
	Truck hopper	Harmon .	0%	0.035	0.00	0%	0.0078	0.00	0.0013	0.00	
Dogobino	Rail		0%	0.032	0.00	0%	0.0078	0.00	0.0013	0.00	
Receiving	Barge unload cont.		0%	0.029	0.00	0%	0.0073	0.00	0.0019	0.00	
	Barge marine leg		0%	0,15	0.00	0%	0.038	0.00	0.005	0.00	
	Ship		0%	0.15	0.00	0%	0.038	0.00	0.005	0.00	
	Truck unspecified	300,000.0	60%	0.086	5.16	60%	0.029	1.74	0.0049	0.29	
Loadout /	Railcar		0%	0.027	0.00	0%	0.0022	0.00	0.00037	0.00	
Shipping	Barge		0%	0.016	0.00	0%	0.004	0.00	0.00055	0.00	
	Ship		0%	0.048	0.00	0%	0.012	0.00	0.0022	0.00	
Headhouse & H	landling ⁵	900,000.0	60%	0.061	10.98	60%	0.034	6.12	0.0058	1.04	
Grain Cleaning ⁶			0%	0.375	0.00	0%	0.095	0.00	0.016	0.00	
Storage Bin (ver	nt)	600,000.0	60%	0.025	3.00	60%	0.0063	0.76	0.0011	0.13	
	Rack		0%	3	0.00	0%	0.75	0.00	0.13	0.00	
Grain Drying	Rack (<50 mesh)		0%	0.47	0.00	0%	0.12	0.00	0.02	0.00	
	Column	300,000.0	60%	0.22	13.20	60%	0.055	3.30	0.0094	0.56	
Total tons er	Total tons emissions (excluding combustion from dryers) 36.39 13.24 2										



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

Natural gas potential and actual emissions

Cobalt

Mercury

Nickel

Selenium

Manganese

If you have a boiler with a rating of more than 100 million 8tu per hour, different emission factors must be used (see EPA AP-42 Chapter 1.4).

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

С ď Dryer hourly Actual natural gas Potential Emissions **Actual Emissions** Pollutant GWP1 Hours in a Year **Emission Factor** burned natural gas usage (lbs/cu ft) (ton/yr) (tons/yr) (cu fl/hr) (cu fl/yr) (hr/yr) (b * d * e) / 2000 (c*e)/2000 (Btu/hr) / (1020 Stu/cu ft) 24 hrs/day * 365 days/yr by pollutant 26450.00 8760 36904.90 Source: EPA AP-42 Chapter 1.4 Criteria air pollutants 0.0000076 PΜ 1.23 0.00 0.0000076 PM10 1.23 0.00 0.0000076 PM2.5 1.23 0.00 0.0000006 SOx 0.10 0.00 0.0001 NOx 16.16 0.00 0.0000055 VOC 0.89 0.00 0.000084 CO 13.58 0.00 0.0000000005 0.00 Lead 0.00 Source: 40 CFR 98, Subp. C, Table C-1 and C-2 Greenhouse gas emissions 0.120 19400.25 1.59 CO2 0.00000226 0.37 0.00 CH₄ 25 0.00000023 0.04 0.00 N₂O² 298 GHG Total (CO₂e) 3 19420.29 1.59 Hazardous air pollutants Source: EPA AP-42 Chapter 1.4 Benzene 0.0000000021 0.0003 0.0000 Formaldehyde 0.000000075 0.0121 0.0000 Hexane 0.0000018 0.2910 0.0000 Naphthalene 0.00000000061 0.0001 0.0000 Toluene 0.0000000034 0.0005 0.0000 Arsenic 0.000000000020 0.0000 0.0000 Beryllium 0.000000000012 0.0000 0.0000 Cadmium 0.0000000011 0.0002 0.0000 0.0000 Chromium 0.000000014 0.0002

0.000000000084

0.0000000038

0.00000000026

0.0000000021

0.000000000024

HAP total

0.0000

0.0001

0.0000

0.0003

0.0000

0.3050

0.0000

0.0000

0.0000

0.0000

0.0000

0.0000



Potential emissions: Grain elevators and feed mills

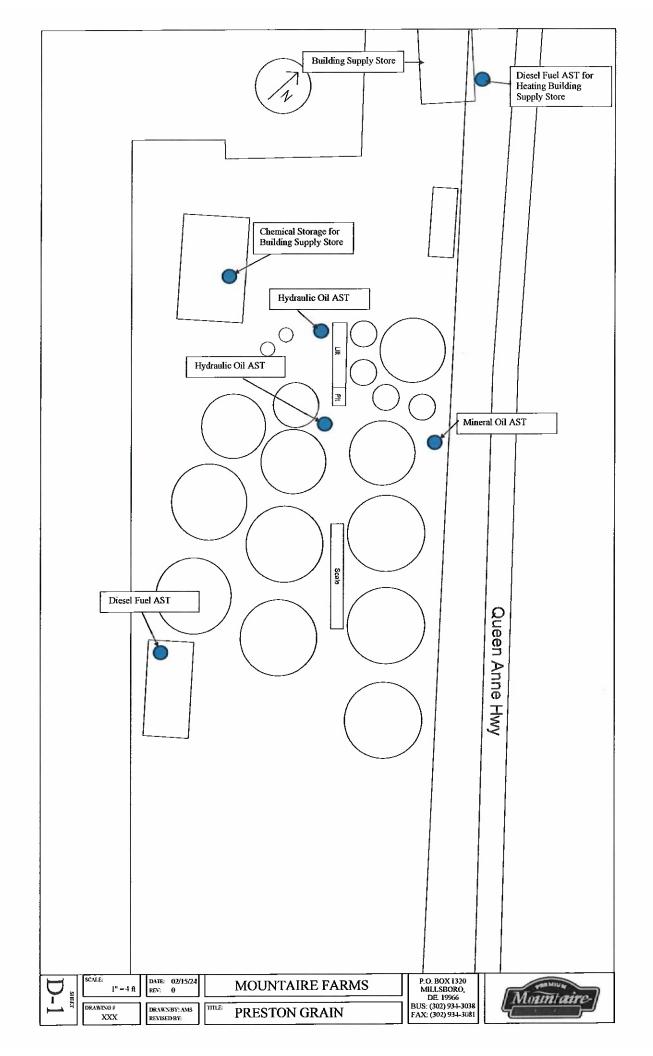
Pollutant	Grain Elevator	Feed Mill	Natural Gas	Propane	Fugitive	Potential Emissions
O de de Ala Dellas	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)
Criteria Air Pollut						P 109.08
PM	107.85		1.23			> 109.08 > 39.87
PM10	38.64		1.23			7.81
PM2.5	6.59		123		0.10	
SOx			0.10			16.16
NOx			16.16			0.89
VOC			0.89			
co			13.58			13.58
Lead			0.00			0.00
Greenhouse Gas	Emissions					40400.05
CO ₂			19400.25			19400.25 0.3656
CH₄			0.37			0.0366
N₂O			0.04			19499.85
GHG Total CO ₂ e	U (¢ -		19420.29			13433.03
Hazardous Air Po	liutants					0.0003
Веплепе			0.00			
Formaldehyde			0.01		0.0121	
Hexane			0.29			0.2910
Naphthalene			0.00			0.0001
Talvene			0.00			0.0005
Arsenic			0.00			0.0000
Beryllium			0.00			0.0000
Cadmium			0.00			0.0002
Chromium			0.00 0.00		0.0002	
Cobalt			0.0000			
Manganese			0.0001			
Mercury			0.0000			
Nickel			0.0003			
Selenium			0.00			0.0000
IAP Indiv. Max	Hexane					0.2910
AP total						0.30

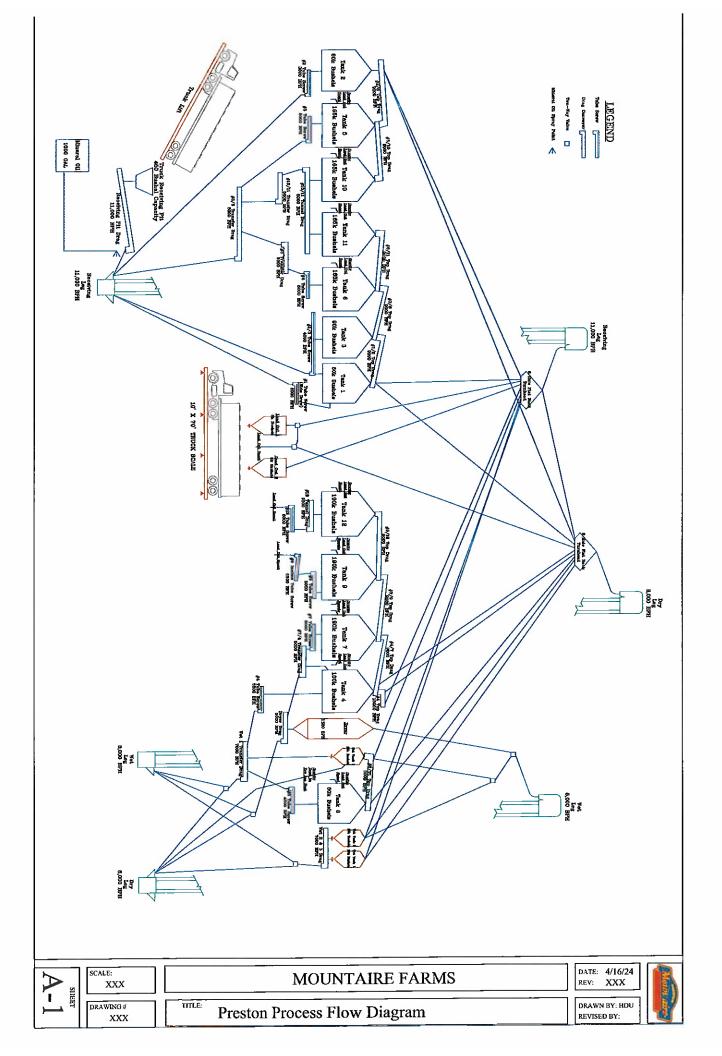


Actual emissions: Grain elevators and feed mills

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

Pollutant	Grain Elevator	Feed Mill	Natural Gas	Propane	Fugitive	Actual Emissions	
	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	
riteria Air Pollut	ants						
PM	36.39		1.23			37.62	
PM10	13.24		1.23			14.47	
PM2.5	2.26		1.23			3.49	
sox			0.10			0.10	
NOx			16.16			16.16	
voc			0.89			0.89	
co			13.58			13.58	
Lead			0.00			0.00	
Greenhouse Gas	Emissions						
CO ₂			1.59			1.59	
CH₄			0.00			0.0000	
N₂O			0.00			0.0000	
HG Total CO₂e			1.59			1.59	
lazardous Air Po	llutants						
Benzene			0.00			0.0000	
Formaldehyde			0.00			0.0000	
Hexane			0.00			0.0000	
Naphthalene			0.00			0.0000	
Toluene			0.00			0.0000	
Arsenic			0.00			0.0000	
Beryllium			0.00			0.0000	
Cadmium			0.00			0.0000	
Chromium			0.00			0.0000	
Cobalt			0.00			0.0000	
Manganese				0.0000			
Мелсигу			0.00 0.00			0.0000	
Nickel			0.00			0.0000	
Selenium			0.00			0.0000	
IAP Indiv. Max	Hexane					0.0000	
IAP total	110,44110					0.0000	







CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 2/29/2024

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

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

uns certificate does not conter rights to the certificate holder in hea or s		
PRODUCER	CONTACT NAME: Cheri Johnson	
Stephens Insurance, LLC	PHONE (A/C, No, Ext): (501)377-6319 FAX (A/C, No):	
111 Center Street, Suite 100 Little Rock, AR 72201	E-MAIL ADDRESS: cheri.johnson@stephens.com	
	INSURER(S) AFFORDING COVERAGE NAIC#	
www.stephensinsurance.com	INSURER A: Hartford Fire Insurance Company 19682	
INSURED	INSURER B : Property & Casualty Insurance Co. of Hartford 34690	
Mountaire Farms Inc. P. O. Box 710	INSURER c : Navigators Insurance Company 42307	
Selbyville DE 19975	INSURER D: Twin City Fire Insurance Company 29459	
33.373 2 2 .337 3	INSURER E :	
	INSURER F:	

					J	INSUREN E :					
INSURER F:											
					NUMBER: 78865374				REVISION NUMBER:		
l In	THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.										
INSR LTR		TYPE OF INSURANCE	ADDL INSD	SUBR		POLICY I	FF YYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	s	
D	1	COMMERCIAL GENERAL LIABILITY			38ECSS71202	3/1/202		3/1/2025	EACH OCCURRENCE	\$ 1, <u>00</u> 0	0,000
İ		CLAIMS-MADE / OCCUR			\$1,000,000 Limit excess				DAMAGE TO RENTED PREMISES (Ea occurrence)	\$1,000	0,000
	1	Contractual			of \$1,000,000 SIR				MED EXP (Any one person)	s 10,00	00
	1	\$1,000,000 SIR							PERSONAL & ADV INJURY	s 1,000	0,000
	GE	N'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE	\$2,000	0,000
		POLICY PRO- JECT LOC							PRODUCTS - COMP/OP AGG	\$4,000	0,000
		OTHER:							COMBINED SINGLE LIMIT	\$	
Α	AU	TOMOBILE LIABILITY			38CSES71201	3/1/202	4	3/1/2025	(Ea accident)	\$5,000	0,000
	1	ANY AUTO			\$250,000. Deductible		İ		BODILY INJURY (Per person)	\$	
	_	OWNED SCHEDULED AUTOS							BODILY INJURY (Per accident) PROPERTY DAMAGE	\$	
	1	HIRED NON-OWNED AUTOS ONLY							(Per accident)	\$	
								2111222		\$	
С	1	UMBRELLA LIAB ✓ OCCUR			CH23UMRZ07CYGIV	3/1/202	4	3/1/2025	EACH OCCURRENCE	\$5,000	
	_	EXCESS LIAB CLAIMS-MADE							AGGREGATE	\$5,000	0,000
В		DED V RETENTION \$ 10,000			38WNS71200	3/1/202	,	3/1/2025	✓ PER OTH-	\$	
В	AND	EMPLOYERS' LIABILITY Y/N			\$500,000. Deductible	3/ 1/202	†	JI 112023		- 4 00	
	ANY	PROPRIETOR/PARTNER/EXECUTIVE CER/MEMBER EXCLUDED?	N/A		4000,000. 20220.2.0				E.L. EACH ACCIDENT	\$1,000	
	(Ma	ndatory in NH)						1	E.L. DISEASE - EA EMPLOYEE		
<u> </u>	DÉS	SCRIPTION OF OPERATIONS below						-	E.L. DISEASE - POLICY LIMIT	\$ 1,000	<u> </u>
							ļ				
nee	CDID	TION OF OPERATIONS / LOCATIONS / VEHICL	ES (A	CORD	101 Additional Remarks Schedu	le may be attached i	f more	space is require			
DES	CRIP	HON OF OPERATIONS / LOCATIONS / VEHICL	.E3 (A	CORD	IVI, Additional Remarks ochedul	e, may be attached t	· more	Space is require	,		
CF	RTII	FICATE HOLDER				CANCELLATI	ON				
Verification of Coverage						SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.					
						AUTHORIZED REPI	RESEN	ITATIVE			

© 1988-2015 ACORD CORPORATION. All rights reserved.

Stan Payne



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

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

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

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

M	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. N/A Form 11 No. N/A Form 5T No. N/A Form 41 No. N/A Form 5EP No. N/A Form 42 No. N/A Form 6 No. N/A Form 44 No. N/A Form 10							
	Vendor/manufacturer specifications/guarantees							
\boxtimes	Evidence of Workman's Compensation Insurance							
X	Process flow diagrams with emission points							
X	Site plan including the location of the proposed source and property boun	dary						
\boxtimes	Material balance data and all emissions calculations							
	Material Safety Data Sheets (MSDS) or equivalent information for materia processed and manufactured.	ıls						
	Certificate of Public Convenience and Necessity (CPCN) waiver documer from the Public Service Commission ⁽¹⁾	itation						
	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 Requi	rements.						

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 Registratio	n 🔾
	Equipment/Company Nam	ne	DO NOT WRITE	IN THIS BLOCK
Mountaire Far	ms of Delaware Inc.		2. REGISTRA	TION NUMBER
Mailing Ad	ddress		County No.	Premises No.
P.O. Box	c 1320			
Street Addre		/		
Millsboro		19966	1-2 Registration Class	3-6 Equipment No.
City	State	Zip	Tregistration olass	Equipment ito:
Telephone	Number			
(302	₎ 841-4629		Data Year	8-11
	,		Data real	
Signature	ald and			
(1)	Sillate ble		12-13	Application Date
	my Ty			
Phillip Ply	rlar - President		04-22-2	4
Print Name	and Title		Date	,
1B Fauinmer	nt Location and Telephone	Number (if different fr	om above)	
	ptank Road	riumber (ir amerent ir	om abovej	
	per and Street Name			
Preston	Marylar	nd 216	55 / 302 \	841-4629
City/Town	State			none Number
•	Earms of Dolowara Inc.	Procton Grain Facility		
	e Farms of Delaware Inc F ame (if different from above)	Teston Grain Facility		
3. Status (A= I	New, B= Modification to E			
Ctatus	New Construction	New Construction	_	4
Status	Begun (MM/YY)	Completed (MM/Y)	r) Operation	
С				
15	16-19	20-23	20	-23
4. Describe th	is Equipment: Make, Mode	l, Features, Manufacturer	(include Maximum Hou	rly Input Rate, etc.)
	n Dryer - 3500 bph			
E Medanonia	Commonation Courses	See attached.		
5. Workmen's	Compensation Coverage	Binder/Policy Number		xpiration Date
Company				·
	a Permit to Construct may be issu orker's compensation coverage a			
		•		•
6A. Number of	f Pieces of Identical Equip	ment Units to be Regis	tered/Permitted at thi	s Time <u> </u>
SP Number of	f Stack/Emission Points A	secciated with this Equ	inment 1	

Form Number: 5 Rev. 9/27/2002

7. Person Installing this Equipment (if different from Number 1 on Page 1) Name
Company
Mailing Address/Street
City/TownStateTelephone ()
B. Major Activity, Product or Service of Company at this Location
Grain Elevator - receives, drys and ships all grains.
. 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
Describe Mineral oil applied to all grain recevied.
0. Annual Fuel Consumption for this Equipment
OIL-1000 GALLONS SULFUR % GRADE NATURAL GAS-1000 FT ³ LP GAS-100 GALLONS GRADE ee 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
THER 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
1. 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
easonal Variation in Operation: O 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 [oors, Windows	s, etc. Onl	y? (Y/N)	
					L 85	
If not, then	Height Avove Grour	nd (FT) Inside Diameter at To	p Exit Tempe	rature (°F)	Exit Velocity (FT/SEC)
	86-88	89-91	92-	95 ————	96-98	
		NOTE:				
Attach a bl		ocess/process line, indica				form
	and all existing e	equipment, including con	trol devices and	d emissioi	n points.	
13. Input Mat	erials (for this equ	ipment only)				
		sidered confidential?	(Y or N)			
					TRATE	1
1.	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
2.	·					
3.					•	
4.						
5.						
6.						
7. 8.						
9.						
TOTAL		<u>-</u>				
	aterials (for this ed	quipment)				
Processi	Product Stream			OUTE	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 Str	eams- Solid and L	iquid				
		-			PUT RATE	
	VAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1. 2.						
3.		<u>.</u>				
4.						
5.						
6.						
7.						
9.			-		-	
TOTAL			<u> </u>	11		

16. Total Stack Emissions (for this	equipment only) in Pounds	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	ls 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	
150-154	155-159	160-164	
Method Used to Determine Emissi		nission Factor 3= Stack Test 4	= Other)
TSP SOX	NOX CO	VOC PM10	
165 166	167 168	169 170	
	167 168 TION MANAGEMENT ADMINIS		
AIR AND RADIA	TION MANAGEMENT ADMINI		
AIR AND RADIA	Rec'd. State Retu	STRATION USE ONLY	
18. Date Rec'd. Local Date Reviewed by Local Jurisdic	Rec'd. State Retu	rn to Local Jurisdiction By by State	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic Date By	Rec'd. State Return Date_ tion Reviewed Date_	stration use only In to Local Jurisdiction By by State By	
18. Date Rec'd. Local Date Reviewed by Local Jurisdic	Rec'd. State Retu Date_ tion Reviewed	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 Return Date tion Reviewed Date ear Equipment Code	stration use only Irn to Local Jurisdiction By by State SCC Code 178-185	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdice Date By 19. Inventory Date Month/Y	Rec'd. State Return Date_ tion Reviewed Date_ ear Equipment Code 175-177 Maximum Design Perm	stration use only Irn to Local Jurisdiction By by State By SCC Code	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 ear Equipment Code	stration use only In to Local Jurisdiction By by State By SCC Code 178-185 It to Operate Transaction I	Date
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdice Date By 19. Inventory Date Month/Y	Rec'd. State Return Date_ tion Reviewed Date_ ear Equipment Code 175-177 Maximum Design Perm	stration use only In to Local Jurisdiction By by State By SCC Code 178-185 It to Operate Transaction I	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 24 175-177 Maximum Design Hourly Rate 193-199	stration use only irn to Local Jurisdiction By by State SCC Code 178-185 nit to Operate Month (MM/DD/Y	Date 'R)
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 20. Annual Operating Rate Staff Code VOC Code	Rec'd. State Return Date tion Reviewed Date ear Equipment Code 4 175-177 Maximum Design Hourly Rate 193-199 SIP Code Regula	stration use only In to Local Jurisdiction By by State By SCC Code 178-185 Int to Operate Month (MM/DD/Y 200-201 Confidentiali	Date 'R)
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 4 175-177 Maximum Design Hourly Rate 193-199 SIP Code Regula	stration use only by State By SCC Code 178-185 It to Operate Month (MM/DD/Y 200-201 Confidentiali 5-218 219	Date 'R)
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 4 175-177 Maximum Design Hourly Rate 193-199 SIP Code Regula	stration use only by State By SCC Code 178-185 It to Operate Month (MM/DD/Y 200-201 Confidentiali 5-218 Action	Date 'R)
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdice By 19. Inventory Date Month/Y 20. Annual Operating Rate Staff Code VOC Code 208-210 211 212 Point	Rec'd. State Return Date tion Reviewed Date ear Equipment Code 175-177 Maximum Design Hourly Rate 193-199 SIP Code Regula 213 214 21	stration use only irn to Local Jurisdiction By by State SCC Code 178-185 It to Operate Month (MM/DD/Y 200-201 tion Code Confidentiali 5-218 Action	Date 'R)



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

	OWNER OF EQUIPMENT/PROCESS			
COMPANY NAME:	Mountaire Farms of Delaware Inc.			
COMPANY ADDRESS:	29106 John J Williams Highway, Millsboro, Delaware 19966			
	LOCATION OF EQUIPMENT/PROCESS			
PREMISES NAME:	Mountaire Farms of Delaware Inc Preston Grain Facility			
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655			
CONTACT	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			
<u> </u>	Turn Heads - Totally enclosed - 8-hole flat back turn heads.			

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

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

\boxtimes	Application package cover letter describing	the proposed project
\boxtimes	Complete application forms (Note the number applicable.)	er of forms included or NA if not
	No. 1 Form 5 No. N/A Form 5T No. N/A Form 5EP No. N/A Form 6 No. N/A Form 10	No. N/A Form 11 No. N/A Form 41 No. N/A Form 42 No. N/A Form 44
	Vendor/manufacturer specifications/guarante	ees
\boxtimes	Evidence of Workman's Compensation Insu	rance
X	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 cald	culations
	Material Safety Data Sheets (MSDS) or equ processed and manufactured.	ivalent information for materials
	Certificate of Public Convenience and Neces from the Public Service Commission (1)	ssity (CPCN) waiver documentation
	Documentation that the proposed installation use requirements ⁽²⁾	n complies with local zoning and land
	(1) Required for emergency and non-emerg October 1, 2001 and rated at 2001 kW or more	
	(2) Required for applications subject to Expa	anded 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
--	-----------------	-------------	----------------	-----------

	ruct 🛛	Registration Update	Initial Registration	11 👅
1A. Owner of Equipment/Co		9	DO NOT WRITE	IN THIS BLOCK
Mountaire Farms of Delawar	re Inc.		Z. REGISTRAT	ION NOWBER
Mailing Address			County No.	Premises No.
P.O. Box 1320				
Street Address				
	Delaware	19966	1-2 Registration Class	3-6
City	State	Zip	Registration Class	Equipment No.
Telephone Number				
(302) 841-4629			7	8-11
(002) 071 1020			Data Year	
Signature				
			12-13	Application Date
- Mally 2	plan			
Phillip Plylar - President	:		04-22-2024	
Print Name and Title	-		Date	
45 5		N	······ alacua)	
1B. Equipment Location an	ia reiepnone	Number (it aimerent ir	om above)	
3695 Choptank Road Street Number and Street Na			<u> </u>	
			000	0.4.4
Preston	Maryland	_		841-4629
City/Town	State		. ,	841-4629 none Number
City/Town Mountaire Farms of Dela	State aware Inc Pr			
City/Town	State aware Inc Pr			
City/Town Mountaire Farms of Dela Premises Name (if different from	State aware Inc Pr om above)	reston Grain Facility	Zip Teleph	
City/Town Mountaire Farms of Dela Premises Name (if different from 1888) 3. Status (A= New, B= Modi	State aware Inc Pr om above) ification to Ex	reston Grain Facility	Zip Teleph Existing Equipment)	none Number
City/Town Mountaire Farms of Dela Premises Name (if different from 1885) 3. Status (A= New, B= Modion New Co	State aware Inc Pr om above)	eston Grain Facility	Zip Teleph Existing Equipment) Existing	none Number
City/Town Mountaire Farms of Dela Premises Name (if different from 1875) 3. Status (A= New, B= Moding New Control Status (A= New Begun	State aware Inc Pr om above) ification to Ex onstruction	reston Grain Facility isting Equipment, C= New Construction	Zip Teleph Existing Equipment) Existing	none Number
City/Town Mountaire Farms of Dela Premises Name (if different from the company of the company o	State aware Inc Promabove) ification to Exponstruction (MM/YY)	reston Grain Facility cisting Equipment, C= New Construction Completed (MM/Y)	Existing Equipment) Existing Operation	none Number
City/Town Mountaire Farms of Dela Premises Name (if different from the second	State aware Inc Promabove) ification to Exponstruction (MM/YY) 6-19	reston Grain Facility cisting Equipment, C= New Construction Completed (MM/Y) 20-23	Existing Equipment) Existing Operation	g Initial (MM/YY)
Mountaire Farms of Dela Premises Name (if different from the status (A= New, B= Modis New Constatus Begun 15 10 10 10 10 10 10 10 10 10 10 10 10 10	State aware Inc Promabove) ification to Exponstruction (MM/YY) 6-19 :: Make, Model	reston Grain Facility cisting Equipment, C= New Construction Completed (MM/Y) 20-23	Existing Equipment) Existing Operation	g Initial (MM/YY)
City/Town Mountaire Farms of Dela Premises Name (if different from the second	State aware Inc Promabove) ification to Exponstruction (MM/YY) 6-19 :: Make, Model	reston Grain Facility isting Equipment, C= New Construction Completed (MM/Y) 20-23 , Features, Manufacturer	Existing Equipment) Existing Operation	g Initial (MM/YY)
Mountaire Farms of Dela Premises Name (if different from the status (A= New, B= Modis New Constatus Begun 15 10 10 10 10 10 10 10 10 10 10 10 10 10	State aware Inc Prom above) ification to Expostruction (MM/YY) 6-19 :: Make, Model	reston Grain Facility cisting Equipment, C= New Construction Completed (MM/Y) 20-23	Existing Equipment) Existing Operation Operation 20 r (include Maximum Hou	one Number o Initial (MM/YY) -23 urly Input Rate, etc.)
Mountaire Farms of Dela Premises Name (if different from the second seco	State aware Inc Prom above) ification to Expostruction (MM/YY) 6-19 :: Make, Model	reston Grain Facility isting Equipment, C= New Construction Completed (MM/Y) 20-23 , Features, Manufacturer	Existing Equipment) Existing Operation Operation 20 r (include Maximum Hou	g Initial (MM/YY)
Mountaire Farms of Dela Premises Name (if different from the second of t	State aware Inc Prom above) ification to Expostruction (MM/YY) 6-19 :: Make, Model on Coverage_	reston Grain Facility isting Equipment, C= New Construction Completed (MM/Y) 20-23 , Features, Manufacturer See attached. Binder/Policy Number ed by the Department, the ap	Existing Equipment) Existing Operation Operation (include Maximum Hou	initial (MM/YY) 3-23 Irly Input Rate, etc.) Expiration Date partment with proof of
Mountaire Farms of Dela Premises Name (if different from the second of t	State aware Inc Prom above) ification to Expostruction (MM/YY) 6-19 :: Make, Model on Coverage_	reston Grain Facility isting Equipment, C= New Construction Completed (MM/Y) 20-23 , Features, Manufacturer See attached. Binder/Policy Number	Existing Equipment) Existing Operation Operation (include Maximum Hou	initial (MM/YY) 3-23 Irly Input Rate, etc.) Expiration Date partment with proof of
Mountaire Farms of Dela Premises Name (if different from the second of t	State aware Inc Prom above) ification to Expostruction (MM/YY) 6-19 :: Make, Model on Coverage_ truct may be issue ation coverage as	reston Grain Facility isting Equipment, C= New Construction Completed (MM/Y) 20-23 , Features, Manufacturer See attached. Binder/Policy Number ed by the Department, the appreciated under Section 1-20	Existing Equipment) Existing Equipment) Operation (include Maximum Hour pplicant must provide the Dep	initial (MM/YY) 3-23 Irly Input Rate, etc.) Expiration Date partment with proof of ation Act.
Mountaire Farms of Dela Premises Name (if different from the second of t	State aware Inc Prom above) ification to Exponstruction (MM/YY) 6-19 :: Make, Model con Coverage_ truct may be issuedation coverage as entical Equipment.	reston Grain Facility isting Equipment, C= New Construction Completed (MM/Y) 20-23 Features, Manufacturer See attached. Binder/Policy Number ed by the Department, the apprequired under Section 1-20 ment Units to be Regis	Existing Equipment) Existing Operation Operation (include Maximum House) Oplicant must provide the Depois of the Worker's Compensate Stered/Permitted at this	Initial (MM/YY) 2-23 Irly Input Rate, etc.) Expiration Date partment with proof of ation Act. Is Time 2

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_
$ \mathbf{x} $
-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 Turn heads are totally enclosed.
X Describe Turn heads are totally enclosed. 24-9
10. Annual Fuel Consumption for this Equipment
OIL-1000 GALLONS SULFUR % GRADE NATURAL GAS-1000 FT ³ LP GAS-100 GALLONS GRADE
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

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

12. Equivaler	nt Stack Innforma	tion- is Exhaust through [Doors, Window	s, etc. Onl	` ` / _	
If not, then	Height Avove Grou	nd (FT) Inside Diameter at To	op Exit Tempe	erature (°F)	85 Exit Velocity (FT/SEC)
						L
	86-88	89-91 	92-	-95 	96-98	.
		NOTE:				
Attach a blo	ock diagram of pr	ocess/process line, indica	ating new equip	oment as i	eported on this	s form
	and all existing	equipment, including con	trol devices and	d emissio	n points.	
13. Input Mate	erials (for this equ	uipment only)				
		nsidered confidential?	(Y or N)			
		L 040 NO ((5 4 PP) 104 PL E)			TRATE	1
1.	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
2.						
3.		-				
4.						
5.						
6. 7.						
8.				+		
9.						
TOTAL						L
						-
	aterials (for this e Product Stream	quipment)				
FIUCESSA	rioductotream			OUTE	UT RATE	
	IAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
2. 3.				-		
4.				 		
5.						
6.						
7.						
8.						
9. TOTAL		_		1		
TOTAL						
15. Waste Stre	eams- Solid and L	.iquid				
l si		LOLONO UE ABBUGABLES L	252 110112		UT RATE	Luve
1.	AME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
2.		<u> </u>				
3.						
4.						
5.						
6. 7.						
8.						-
9.		_				
TOTAL						
						

Page 3 of 4 Recycled Paper

16. Total Stack Emissions (for this	s equipment only) in Pou	nds Per Operating Da	у
Particulate Matter	Oxides of Sulfur	Oxides of N	Nitrogen
See attached air emmissions			
99-104	105-110	111-1	116
Carbon Monoxide	Volatile Organic Compounds	s PM-	10
177-122	123-128	129-	134
17. Total Fugitive Emissions (for	this equipment only) in Po	ounds Per Operating	Day
Particulate Matter	Oxides of Sulfur	Oxides of N	<u>Vitrogen</u>
See attached air emmissions	140-144	145-	
Carbon Monoxide	Volatile Organic Compounds	s PM-	10
150-154	155-159	160-	164
Method Used to Determine Emiss	ions (1= Estimate 2	2= Emission Factor 3=	Stack Test 4= Other)
TSP SOX	NOX CO	voc F	PM10
165 16 <u>6</u>	167 168	169	170
	167 168 ATION MANAGEMENT AD		
AIR AND RADIA	ATION MANAGEMENT AD	MINISTRATION USE (Return to Local Juris	DNLY
AIR AND RADIA 18. Date Rec'd. Local Date	Rec'd. State	MINISTRATION USE (Return to Local Juris DateBy_	DNLY
AIR AND RADIA	Rec'd. State	MINISTRATION USE (Return to Local Juris	diction
18. Date Rec'd. Local Date Reviewed by Local Jurisdi	Rec'd. State ction Revie	MINISTRATION USE (Return to Local Juris DateBy_ ewed by State	diction
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdi Date By 19. Inventory Date Month/	Rec'd. State ction Revie Date Year Equipment Co	Return to Local Juris DateBy_ ewed by StateBy_ ode SCC	diction
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdi Date By 19. Inventory Date Month/	Rec'd. State ction Revie Date Year Equipment Co	Return to Local Juris DateBy_ ewed by State DateBy_ Date_By_	diction
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdi Date By 19. Inventory Date Month/	Rec'd. State ction Revie Date Year Equipment Co	Return to Local Juris DateBy_ ewed by StateBy_ ode SCC	Code 8-185
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdi Date By 19. Inventory Date Month/ 171- 20. Annual	Rec'd. State ction Revie Date Year Equipment Co	Return to Local Juris DateBy_ ewed by State By ode SCC Tremit to Operate	Code 8-185 Transaction Date
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdi Date By 19. Inventory Date Month/ 171- 20. Annual Operating Rate	Rec'd. State ction Revie Date Year Equipment Co 174 175-177 Maximum Design Hourly Rate 193-199	Return to Local Juris DateBy_ ewed by State By ode SCC 177 Permit to Operate Month	Code 8-185 Transaction Date (MM/DD/YR)
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdi Date By 19. Inventory Date Month/ Toperating Rate 186-192 Staff Code VOC Code	Rec'd. State ction Revie Date Year Equipment Co 174 175-177 Maximum Design Hourly Rate 193-199 SIP Code Re	Return to Local Juris DateBy_ ewed by State By Ode SCC Permit to Operate Month 200-201 egulation Code	Code 8-185 Transaction Date (MM/DD/YR) 202-207 Confidentiality
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdi Date By 19. Inventory Date Month/ 171- 20. Annual Operating Rate	Rec'd. State ction Revie Date Year Equipment Co 174 175-177 Maximum Design Hourly Rate 193-199	Return to Local Juris DateBy_ ewed by State By ode SCC 177 Permit to Operate Month 200-201	Code B-185 I ransaction Date (MM/DD/YR) 202-207 Confidentiality
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdi Date By 19. Inventory Date Month/ 20. Annual Operating Rate 186-192 Staff Code VOC Code 208-210 211 212	Rec'd. State ction Revie Date Year Equipment Co 174 175-177 Maximum Design Hourly Rate 193-199 SIP Code Re	Return to Local Juris DateBy_ ewed by State By Ode SCC Permit to Operate Month 200-201 egulation Code	Code 8-185 Transaction Date (MM/DD/YR) 202-207 Confidentiality 219 Action
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdi Date By 19. Inventory Date Month/	rear Equipment Construction Review Date Pear Equipment Date Pear E	Return to Local Juris DateBy_ ewed by State By Ode SCC Permit to Operate Month 200-201 egulation Code	Code B-185 I ransaction Date (MM/DD/YR) 202-207 Confidentiality

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



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

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

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

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

\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. N/A Form 11 No. N/A Form 5T No. N/A Form 41 No. N/A Form 5EP No. N/A Form 42 No. N/A Form 6 No. N/A Form 44 No. N/A 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						

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 I

Permit to Construct	Registration Update	initial Registration \Box						
1A. Owner of Equipment/Company Mountaire Farms of Delaware Inc.	y Name	DO NOT WRITE IN THIS BLOCK 2. REGISTRATION NUMBER						
Mailing Address P.O. Box 1320		County No. Premises No.						
Street Address Millsboro Delawar	re 19966	1-2 3-6						
City State	Zip	Registration Class Equipment No.						
Telephone Number (302) 841-4629		7 8-11 Data Year						
Signature	N?	12-13 Application Date						
- Milly My	las.							
Phillip Plylar - President		04-22-2024						
Print Name and Title		Date						
1B. Equipment Location and Telephone Number (if different from above) 3695 Choptank Road								
· · · · · · · · · · · · · · · · · · ·	·····							
Street Number and Street Name								
Street Number and Street Name Preston M		655 (302) 841-4629						
Street Number and Street Name	State 21	655 (302) 841-4629 Zip Telephone Number						
Street Number and Street Name Preston M City/Town Mountaire Farms of Delaware In	State nc Preston Grain Facility							
Street Number and Street Name Preston M City/Town	State nc Preston Grain Facility							
Street Number and Street Name Preston M City/Town Mountaire Farms of Delaware In	State nc Preston Grain Facility e)	Zip Telephone Number						
Preston M City/Town Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construction	State nc Preston Grain Facility e) n to Existing Equipment, C= ion New Constructio	Zip Telephone Number Existing Equipment) Existing Initial						
Street Number and Street Name Preston M City/Town Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification)	State nc Preston Grain Facility e) n to Existing Equipment, C= ion New Constructio	Zip Telephone Number Existing Equipment) n Existing Initial						
Preston M City/Town Mountaire Farms of Delaware In Premises Name (if different from above Status (A= New, B= Modification New Construct Begun (MM/Y) C 15 Street Number and Street Name Mean Street Name New Construct Begun (MM/Y) Mean Street Name Mean Street Name New Construct New Construct Mean Street Name New Construct	State nc Preston Grain Facility n to Existing Equipment, C= ion New Constructio Y) Completed (MM/Y) 20-23 , Model, Features, Manufacture	Existing Equipment) n Existing Initial (Y) Operation (MM/YY) 20-23 er (include Maximum Hourly Input Rate, etc.)						
Preston M City/Town Mountaire Farms of Delaware In Premises Name (if different from above 1) Status (A= New, B= Modification New Construct Status Begun (MM/Y) C 15 16-19 4. Describe this Equipment: Make,	State nc Preston Grain Facility n to Existing Equipment, C= ion New Constructio Y) Completed (MM/N 20-23 , Model, Features, Manufacture irain storage tanks. 6,000 bph ea	Existing Equipment) n Existing Initial (Y) Operation (MM/YY) 20-23 er (include Maximum Hourly Input Rate, etc.)						
Preston M City/Town Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construct Begun (MM/Y) C 15 4. Describe this Equipment: Make, Gravity load out devices connected to g	State nc Preston Grain Facility n to Existing Equipment, C= ion New Constructio Y) Completed (MM/N 20-23 , Model, Features, Manufacture irain storage tanks. 6,000 bph ea	Existing Equipment) n Existing Initial (Y) Operation (MM/YY) 20-23 er (include Maximum Hourly Input Rate, etc.)						
Preston M City/Town Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construct Begun (MM/Y) C 15 4. Describe this Equipment: Make, Gravity load out devices connected to g 5. Workmen's Compensation Cove Company NOTE: Before a Permit to Construct may	State nc Preston Grain Facility n to Existing Equipment, C= ion New Constructio Y) Completed (MM/) 20-23 Model, Features, Manufacture rain storage tanks. 6,000 bph ea erage See attached Binder/Policy Number	Existing Equipment) n Existing Initial (Y) Operation (MM/YY) 20-23 er (include Maximum Hourly Input Rate, etc.)						
Preston M City/Town Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construct Begun (MM/Y) C 15 4. Describe this Equipment: Make, Gravity load out devices connected to g 5. Workmen's Compensation Cove Company NOTE: Before a Permit to Construct may	State nc Preston Grain Facility n to Existing Equipment, C= ion New Constructio Y) Completed (MM/Y) 20-23 Model, Features, Manufacture rain storage tanks. 6,000 bph ea erage See attached Binder/Policy Number be issued by the Department, the a erage as required under Section 1-2	Existing Equipment) n Existing Initial (Y) Operation (MM/YY) 20-23 er (include Maximum Hourly Input Rate, etc.) ch Expiration Date pplicant must provide the Department with proof of 02 of the Worker's Compensation Act.						

Form Number: 5 Rev. 9/27/2002

Page 1 of 4 Recycled Paper

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									
HOTIE									
L ₂₄₋₀ J									
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 appiled to all grains recevied.									
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 variable of the second of									
76 77-78 79-80 81-82 83-84									

12. Equivalent Stack Innformation- is Exhaust through Doors, Windows, etc. Only? (Y/N)											
If not, then	Height Avove Grour	nd (FT) Inside Diameter at Te	op Exit Temp	erature (°F)	85 Exit Velocity (FT/SEC)					
	86-88	LI 89-91	92	-95	96-98						
NOTE: Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.											
13. Input Materials (for this equipment only) Is any of this data to be considered confidential? (Y or N)											
r	NAME	L CAS NO. (IF APPLICABLE)	 PER HOUR	UNITS	T RATE PER YEAR	UNITS					
1.											
2.											
3. 4.				<u> </u>		<u> </u>					
5.						 					
6.						<u> </u>					
7.											
8.											
9. TOTAL						l					
IOIAL											
14. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE											
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS					
1. 2.				-							
3.					· ·	 					
4.											
5.											
6.											
7.				—	-						
9.				 	<u> </u>						
TOTAL											
15. Waste Streams - Solid and Liquid OUTPUT RATE											
1	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS					
1.											
2.						<u> </u>					
3.				-		 					
4 . 5 .				-							
6.	-		-	-		-					
7.				1 -							
8.											
9.						L					
TOTAL											

Page 3 of 4 Recycled Paper

Particulate Matter Oxides of Sulfur Oxides of Nitrogen See attached air emmissions 99-104 Carbon Monoxide Volatile Organic Compounds PM-10 177-122 123-128 129-134
99-104 105-110 111-116 Carbon Monoxide Volatile Organic Compounds PM-10
Carbon Monoxide Volatile Organic Compounds PM-10
177-122 123-128 129-134
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
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
165 166 167 168 169 170
165 166 167 168 169 170 AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY
AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY
AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY
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
AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY 18. Date Rec'd. Local Date Rec'd. State Return to Local Jurisdiction DateBy
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
AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY 18. Date Rec'd. Local Date Rec'd. State Return to Local Jurisdiction DateBy
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
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 I ransaction Date Operating Rate Hourly Rate Month (MM/DD/YR)
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 I ransaction Date Operating Rate Hourly Rate Month (MM/DD/YR) 186-192 193-199 200-201 202-207
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 I ransaction Date Operating Rate Hourly Rate Month (MM/DD/YR)
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 I ransaction Date Operating Rate Hourly Rate Month (MM/DD/YR) Staff Code VOC Code SIP Code Regulation Code Confidentiality
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 By Date By Part Part Part Part Part Part Part Part
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 I ransaction Date Operating Rate Hourly Rate Month (MM/DD/YR) Staff Code VOC Code SIP Code Regulation Code Confidentiality

Form Number: 5



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

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

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

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

\boxtimes	Application package cover letter describing the	ne proposed project
X	Complete application forms (Note the numbe applicable.)	r of forms included or NA if not
	No. N/A Form 5T I No. N/A Form 5EP	No. N/A Form 11 No. N/A Form 41 No. N/A Form 42 No. N/A Form 44
	Vendor/manufacturer specifications/guarante	ees
\boxtimes	Evidence of Workman's Compensation Insura	ance
\boxtimes	Process flow diagrams with emission points	
\boxtimes	Site plan including the location of the propose	ed source and property boundary
\boxtimes	Material balance data and all emissions calcu	ulations
	Material Safety Data Sheets (MSDS) or equiverprocessed and manufactured.	valent information for materials
	Certificate of Public Convenience and Neces from the Public Service Commission (1)	sity (CPCN) waiver documentation
	Documentation that the proposed installation use requirements (2)	complies with local zoning and land
	(1) Required for emergency and non-emerge October 1, 2001 and rated at 2001 kW or more.	

⁽²⁾ Required for applications subject to Expanded 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 Initial Registration

Permit to	Construct	Registration Update 🗅	Initial Registratio	n 🗖
1A. Owner of Equipme	nt/Company Name	9	DO NOT WRITE	IN THIS BLOCK
Mountaire Farms of De			2. REGISTRA	TION NUMBER
Mailing Address			County No.	Premises No.
P.O. Box 1320				
Street Address				
Millsboro	Delaware	19966	1-2 Registration Class	3-6 Equipment No.
City	State	Zip	Registration class	Lquipment No.
Telephone Number				
(302) 841-46	629		7 Data Year	8-11
//		<u> </u>	Data Year	
Signature	000 00			
4/1/1/1	00///		12-13	Application Date
- Frank	- Jane			
Phillip Plylar - Pres	sident		04-22-24	
Print Name and Title		,	Date	
1B. Equipment Location	on and Tolonhone	Number (if different fr	rom above)	
3695 Choptank Ro		Mumber (ii umerent ii	om above,	
Street Number and Street				
		d 216	655 (302 ₎	841-4629
Preston City/Town	Marylan State			none Number
			2ip 1010pi	Totto Hambot
		reston Grain Facility		
Premises Name (if diffe	rent from above)			
3. Status (A= New, B=	Modification to Ex		Existing Equipment)	
	w Construction	New Construction		g Initial
Status B	egun (MM/YY)	Completed (MM/Y	Y) Operation	(MIMI/YY)
c				
15	16-19	20-23		0-23
4. Describe this Equip	ment: Make Model	. Features. Manufacture	r (include Maximum Hoi	ırly İnput Rate, etc.)
Overhead Grain Transfer		, , , , , , , , , , , , , , , , , , , ,	(
		Constitution		
5. Workmen's Comper	nsation Coverage_	See attached		xpiration Date
Company		Binder/Policy Number		
NOTE: Before a Permit to	Construct may be issu	ed by the Department, the ap required under Section 1-20	oplicant must provide the De 02 of the Worker's Compens	partment with proof of atton Act.
6A. Number of Pieces				
6B. Number of Stack/E	:mission Points As	ssociated with this Eq	uipment <u>indile, idially</u>	EIIGOSEG.

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
X 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 Equipment is totally enclosed. 24-9
10. Annual Fuel Consumption for this Equipment
OIL-1000 GALLONS SULFUR % GRADE NATURAL GAS-1000 FT ³ LP GAS-100 GALLONS GRADE
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 Prouis per Batch Batch Per Week Prouis per Bay Bays of Week Bays por Feat
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
76 77-78 79-80 81-82 83-84

12. Equivale	nt Stack Innforma	tion- is Exhaust through I	Doors, Window	s, etc. On	` ` ' [
If not, then	Height Avove Grou	nd (FT) Inside Diameter at T	op Exit Tempe	erature (°F)	85 Exit Velocity (FT/SEC)
	86-88	89-91	92-		96-98	LJ
Attach a bl		NOTE: ocess/process line, indica equipment, including con				s form
	erials (for this equ this data to be co	uipment only) nsidered confidential?	(Y or N)	INDI	TDATE	
1	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	T RATE PER YEAR	UNITS
1.	III.	OAO NO. (II ALI EIOABEE)	TERTIOOR	Julio	TERTEAR	Oitilo
2.						
3.						
4.						
5.						
6.				ļ		
7. 8.				ļ		
9.				-		
TOTAL						
IOIAL						
	aterials (for this e Product Stream	quipment)	·	OUT		
1 3	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.	***************************************		LICTION	55	t Elt I Estit	511115
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9. TOTAL			-			
	eams- Solid and L	.iquid				
	IAME	CAS NO //E ADDITOADLES	DEB HOUR	OUTF UNITS	PUT RATE PER YEAR	UNITS
1.		CAS NO. (IF APPLICABLE)	PER HOUR	ONIIS	FER TEAR	ONIS
2.						
3.				1		
4.						
5.						_
6.						
7.						
8.						
9.						
TOTAL						

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

Page 3 of 4 Recycled Paper

Particulate Matter See attached air emmissions 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 air emmissions 135-139 140-144 145-149 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
99-104 105-110 111-116 Carbon Monoxide Volatile Organic Compounds PM-10 177-122 123-128 129-134 177. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day Particulate Matter Oxides of Sulfur Oxides of Nitrogen See attached ail emmissions 135-139 140-144 145-149 Carbon Monoxide Volatile Organic Compounds PM-10 Carbon Monoxide Volatile Organic Compounds PM-10 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
Carbon Monoxide Volatile Organic Compounds PM-10 177-122 123-128 129-134 177. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day Particulate Matter Oxides of Sulfur Oxides of Nitrogen See attached air emissions 135-139 140-144 145-149 Carbon Monoxide Volatile Organic Compounds PM-10 Carbon Monoxide Volatile Organic Compounds PM-10 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
177-122 123-128 129-134 177. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day Particulate Matter Oxides of Sulfur Oxides of Nitrogen See attached air emmissions 135-139 140-144 145-149 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 165 166 167 168 169 170 AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY
17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day Particulate Matter Oxides of Sulfur Oxides of Nitrogen See attached ail emmissions 135-139 140-144 145-149 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 165 166 167 168 169 170 AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY
17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day Particulate Matter Oxides of Sulfur Oxides of Nitrogen See attached ail emmissions 135-139 140-144 145-149 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 165 166 167 168 169 170 AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY
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
See attached air emmissions 135-139 140-144 145-149 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 165 166 167 168 169 170 AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY
See attached air emmissions 135-139 140-144 145-149 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 165 166 167 168 169 170 AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY
150-154
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
TSP SOX NOX CO VOC PM10 165 166 167 168 169 170 AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY
165 166 167 168 169 170 AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY
AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY
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 DateByBy
19. Inventory Date Month/Year Equipment Code SCC Code
171-174 175-177 178-185
20. Annual Maximum Design Permit to Operate Transaction Date
Operating Rate Hourly Rate Month (MM/DD/YR)
186-192 193-199 200-201 202-207
Staff Code VOC Code SIP Code Regulation Code Confidentiality
208-210 211 212 213 214 215-218 219
Point Description Action
A: Add C: Change 220-238



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

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

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

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

\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. N/A Form 11 No. N/A Form 5T No. N/A Form 41 No. N/A Form 5EP No. N/A Form 42 No. N/A Form 6 No. N/A Form 44 No. N/A 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.

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 Initial Registr

Permit to	o Construct	Registration Update	Initial Registration	on 🗖
1A. Owner of Equipm	nent/Company Name	e	DO NOT WRITE	IN THIS BLOCK
Mountaire Farms of D			2. REGISTRA	TION NUMBER
Mailing Address			County No.	Premises No.
P.O. Box 1320				
Street Address				
Millsboro	Delaware	19966	1-2 Registration Class	3-6 Equipment No.
City	State	Zip	Registration Glass	Equipment No.
Telephone Numbe	er			
₍ 302 ₎ 841-4	4629		Data Year	8-11
			Data Tear	
Signature	10001			
Ulhah	and the		12-13	Application Date
13-111-11	J Pos			
Phillip Plylar - Pre	esident		04-22-202	.4
Print Name and Title		-	Date	v *
1B Equipment Locat	tion and Telephone	Number (if different fro	om above)	
3695 Choptank R		manipor (ii annoi one ii	om abovo,	
Street Number and S			<u> </u>	-
Preston	Marylan	d 216	55 (302 ₎	841-4629
City/Town	State		/	hone Number
Mountaire Farms	of Delaware Inc Pr	reston Grain Facility		
Premises Name (if dif		eston Grain Facility		<u> </u>
		isting Equipment, C= I		a latial
	New Construction Begun (MM/YY)	New Construction Completed (MM/Y)		g Initial ı (MM/YY)_
Status	Degan (Min/) 1)	Completed (wiw)		
				0.33
15	16-19	20-23	2	0-23
		, Features, Manufacturer	(include Maximum Ho	urly Input Rate, etc.)
See equipment list attac	hed.			
5. Workmen's Compe	ensation Coverage	See attached		
o. working a compa	onoution obvorugo_	Binder/Policy Number		Expiration Date
Company NOTE: Refore a Permit	to Construct may be issue	ed by the Department, the ap	plicant must provide the De	enartment with proof of
		required under Section 1-202		
6A. Number of Pieces		ment Units to be Regis	tered/Permitted at th	•
	s of Identical Equip	ment Units to be Regis		is Time <u>6</u>

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
X 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 Equipment is totally enclosed.
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

Form Number: 5

85	
not, then Height Avove Ground (FT) Inside Diameter at Top Exit Temperature (°F) Exit Velocity (FT/SEC	(C)
86-88 89-91 92-95 96-98	
86-88 89-91 92-95 96-98	
NOTE:	
Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.	n
3. Input Materials (for this equipment only) Is any of this data to be considered confidential? (Y or N)	
INPUT RATE	
NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	ITS
OTAL	
OTAL	
OTAL 4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE	
OTAL 4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	ITS
4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	ITS
4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	ITS
4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	ITS
4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	ITS
4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	ITS
4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	ITS
4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	ITS
A. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	ITS
4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	ITS
4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT DTAL 5. Waste Streams - Solid and Liquid	ITS
4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT DTAL 5. Waste Streams - Solid and Liquid	
4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT DTAL 5. Waste Streams - Solid and Liquid NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT OUTPUT RATE OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	
4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT DTAL 5. Waste Streams - Solid and Liquid	
A. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT DTAL S. Waste Streams - Solid and Liquid OUTPUT RATE OUTPUT RATE OUTPUT RATE OUTPUT RATE UNIT OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	
4. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT DTAL 5. Waste Streams - Solid and Liquid NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT OUTPUT RATE OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	
A. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT DTAL S. Waste Streams - Solid and Liquid OUTPUT RATE OUTPUT RATE OUTPUT RATE OUTPUT RATE UNIT OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	
A. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT DTAL S. Waste Streams - Solid and Liquid OUTPUT RATE OUTPUT RATE OUTPUT RATE OUTPUT RATE UNIT OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	
A. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT DTAL S. Waste Streams - Solid and Liquid OUTPUT RATE OUTPUT RATE OUTPUT RATE OUTPUT RATE UNIT OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT	
A. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT DTAL DTAL S. Waste Streams - Solid and Liquid NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS OUTPUT RATE UNIT OUTPUT RATE UNIT OUTPUT RATE UNITS PER YEAR UNIT OUTPUT RATE UNITS PER YEAR UNIT	
A. Output Materials (for this equipment) Process/Product Stream OUTPUT RATE NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT DTAL S. Waste Streams - Solid and Liquid NAME CAS NO. (IF APPLICABLE) PER HOUR UNITS PER YEAR UNIT OUTPUT RATE UNIT OUTPUT RATE UNIT OUTPUT RATE UNIT OUTPUT RATE UNIT PER YEAR UNIT	

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

Page 3 of 4 Recycled Paper

16. Total Stack Emissions (for this	16. Total Stack Emissions (for this equipment only) in Pounds 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 the	nis 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 Emission	ons (1= Estimate 2= Em	nission Factor 3= Stack Test 4= Other)						
TSP SOX	NOX CO	VOC PM10						
165 166	167 168	169 170						
	167 168 FION MANAGEMENT ADMINIS							
AIR AND RADIAT	Rec'd. State Return	STRATION USE ONLY						
18. Date Rec'd. Local Date Reviewed by Local Jurisdic	Rec'd. State Return Date_	rn to Local Jurisdiction By by State						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdict Date By	Rec'd. State Return Date_ tion Reviewed Date_	rn to Local Jurisdiction By by State By By						
18. Date Rec'd. Local Date Reviewed by Local Jurisdic	Rec'd. State Return Date_ tion Reviewed Date_	rn to Local Jurisdiction By by State						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Ye	Rec'd. State Return Date_ tion Reviewed Date_ ear Equipment Code	rn to Local Jurisdiction By by State By By						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdict Date By 19. Inventory Date Month/Ye	Rec'd. State Return Date tion Reviewed Date ear Equipment Code 175-177 Maximum Design Perm	by State SCC Code 178-185 It to Operate STRATION USE ONLY In to Local Jurisdiction By SCC Code 178-185						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Ye	Rec'd. State Return Date_ tion Reviewed Date_ ear Equipment Code	by State SCC Code 178-185						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdict Date By 19. Inventory Date Month/Ye	Rec'd. State Return Date tion Reviewed Date ear Equipment Code 175-177 Maximum Design Perm	by State SCC Code 178-185 It to Operate STRATION USE ONLY In to Local Jurisdiction By SCC Code 178-185						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Ye 171-17 20. Annual Operating Rate	Rec'd. State Return Date_ tion Reviewed Date_ ear Equipment Code 4 175-177 Maximum Design Hourly Rate 193-199	stration USE ONLY rn to Local Jurisdiction By by State By SCC Code 178-185 nit to Operate Iransaction Date Month (MM/DD/YR)						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdict By 19. Inventory Date Month/Ye 171-17 20. Annual Operating Rate	Rec'd. State Return Date_ tion Reviewed Date_ ear Equipment Code 4 175-177 Maximum Design Hourly Rate 193-199	stration use only rn to Local Jurisdiction By by State By SCC Code 178-185 It to Operate Iransaction Date Month (MM/DD/YR) 200-201 202-207						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdict By 19. Inventory Date Month/Ye 171-17 20. Annual Operating Rate	Rec'd. State Return Date tion Reviewed Date ear Equipment Code 4 175-177 Maximum Design Hourly Rate 193-199 SIP Code Regulat	stration use only rn to Local Jurisdiction By by State By SCC Code 178-185 It to Operate Iransaction Date Month (MM/DD/YR) 200-201 202-207						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdict Date By 19. Inventory Date Month/Ye 171-17 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 4 175-177 Maximum Design Hourly Rate 193-199 SIP Code Regulat	stration USE ONLY rn to Local Jurisdiction By by State SCC Code 178-185 It to Operate Month (MM/DD/YR) 200-201 Confidentiality 5-218 Action						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdict Date By 19. Inventory Date Month/Ye 171-17 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 4 175-177 Maximum Design Hourly Rate SIP Code 213 214 215	stration USE ONLY rn to Local Jurisdiction By by State SCC Code 178-185 It to Operate Month (MM/DD/YR) 200-201 Confidentiality 5-218 219						

Form Number: 5



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

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

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

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

\boxtimes	Application package cover letter describing t	he proposed project
X	Complete application forms (Note the number applicable.)	er of forms included or NA if not
	No. N/A Form 5T No. N/A Form 5EP	No. N/A Form 11 No. N/A Form 41 No. N/A Form 42 No. N/A Form 44
\boxtimes	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	ed source and property boundary
\boxtimes	Material balance data and all emissions calc	ulations
	Material Safety Data Sheets (MSDS) or equi processed and manufactured.	valent information for materials
	Certificate of Public Convenience and Neces from the Public Service Commission (1)	ssity (CPCN) waiver documentation
	Documentation that the proposed installation use requirements (2)	n complies with local zoning and land
	(1) Required for emergency and non-emergency and non-emergency and part of the control of the co	

⁽²⁾ Required for applications subject to Expanded 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 Registration Undate Initial Registration Initial Registr

1 Clime	to Construct A	Registration Update \Box	Immai Registration 🔾
1A. Owner of Equip Mountaire Farms of	ment/Company Name Delaware Inc.		DO NOT WRITE IN THIS BLOCK 2. REGISTRATION NUMBER
Mailing Address P.O. Box 1320 Street Address	1		County No. Premises No.
Milisboro	Delaware	19966	1-2 3-6
City	State	Zip	Registration Class Equipment No.
Telephone Numb			7 8-11
(<u>302</u>) <u>841</u> -	-4629		Data Year
Signature	$n \cap n$		
Uhit	1. Whelen		12-13 Application Date
	3-7		
Phillip Plylar - Pi			04-22-2024
Print Name and Title			Date
3695 Choptank		umber (if different fro	om above)
Street Number and			
Street Number and	Street Name		
Preston	Street Name Maryland	2169	
			55 (302) 841-4629 Zip Telephone Number
Preston City/Town	Maryland		
Preston City/Town	Maryland State s of Delaware Inc Pres		
Preston City/Town Mountaire Farm Premises Name (if d	Maryland State s of Delaware Inc Presififerent from above)	ston Grain Facility	Zip Telephone Number
Preston City/Town Mountaire Farm Premises Name (if d	Maryland State s of Delaware Inc Pres	ston Grain Facility	Zip Telephone Number Existing Equipment)
Preston City/Town Mountaire Farm Premises Name (if d	Maryland State s of Delaware Inc Presilifferent from above) 3= Modification to Exis	ston Grain Facility sting Equipment, C= I	Zip Telephone Number Existing Equipment) Existing Initial
Preston City/Town Mountaire Farms Premises Name (if d 3. Status (A= New, E	Maryland State s of Delaware Inc Prestifferent from above) B= Modification to Exis New Construction	ston Grain Facility sting Equipment, C= E New Construction	Zip Telephone Number Existing Equipment) Existing Initial
Preston City/Town Mountaire Farm Premises Name (if d	Maryland State s of Delaware Inc Prestifferent from above) B= Modification to Exis New Construction	ston Grain Facility sting Equipment, C= E New Construction	Zip Telephone Number Existing Equipment) Existing Initial
Preston City/Town Mountaire Farms Premises Name (if of of of of of of of of of of of of of	Maryland State s of Delaware Inc Presidifferent from above) B= Modification to Exist New Construction Begun (MM/YY) 16-19 sipment: Make, Model, F	ston Grain Facility sting Equipment, C= E New Construction Completed (MM/YY	Existing Equipment) Existing Initial Y) Operation (MM/YY)
Preston City/Town Mountaire Farms Premises Name (if of of of of of of of of of of of of of	Maryland State s of Delaware Inc Presidifferent from above) 3= Modification to Exist New Construction Begun (MM/YY) 16-19 sipment: Make, Model	ston Grain Facility sting Equipment, C= I New Construction Completed (MM/Y) 20-23 Features, Manufacturer	Existing Equipment) Existing Initial Operation (MM/YY) 20-23
Preston City/Town Mountaire Farms Premises Name (if of of of of of of of of of of of of of	Maryland State s of Delaware Inc Prestifferent from above) B= Modification to Exis New Construction Begun (MM/YY) 16-19 sipment: Make, Model, Foreiving pit. Densation Coverage Services	ston Grain Facility sting Equipment, C= I New Construction Completed (MM/Y) 20-23 Features, Manufacturer ee attached.	Existing Equipment) Existing Initial Y) Operation (MM/YY) 20-23 (include Maximum Hourly Input Rate, etc.)
Preston City/Town Mountaire Farms Premises Name (if of of of of of of of of of of of of of	Maryland State s of Delaware Inc Prestifferent from above) B= Modification to Exis New Construction Begun (MM/YY) 16-19 sipment: Make, Model, Foreiving pit. Densation Coverage Services	ston Grain Facility sting Equipment, C= I New Construction Completed (MM/Y) 20-23 Features, Manufacturer	Existing Equipment) Existing Initial Operation (MM/YY) 20-23
Preston City/Town Mountaire Farm Premises Name (if of of of of of of of of of of of of of	Maryland State s of Delaware Inc Prestifferent from above) 3= Modification to Exist New Construction Begun (MM/YY) 16-19 aipment: Make, Model, For Ceiving pit. Densation Coverage Series it to Construct may be issued	ston Grain Facility sting Equipment, C= I New Construction Completed (MM/Y) 20-23 Features, Manufacturer ee attached. Binder/Policy Number	Existing Equipment) Existing Initial Y) Operation (MM/YY) 20-23 (include Maximum Hourly Input Rate, etc.)
Preston City/Town Mountaire Farms Premises Name (if of of of of of of of of of of of of of	Maryland State s of Delaware Inc Presidifferent from above) B= Modification to Exist New Construction Begun (MM/YY) 16-19 Iipment: Make, Model, Foreiving pit. Densation Coverage Service of the Construct may be issued compensation coverage as reservice.	ston Grain Facility sting Equipment, C= I New Construction Completed (MM/Y) 20-23 Features, Manufacturer ee attached. Binder/Policy Number by the Department, the appequired under Section 1-202	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

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
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Precipitator 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 24-9
10. Annual Fuel Consumption for this Equipment
Oil-1000 GALLONS SULFUR % GRADE NATURAL GAS-1000 FT³ 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
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 Tempe	rature (°F)	Exit Velocity (FT/SEC)		
	86-88	89-91	92-	95	96-98	'		
	 -	NOTE:		_				
Attach a blo	ock diagram of pre	ocess/process line, indica	atina new equip	ment as r	eported on this	form		
		equipment, including con						
13 Input Mate	erials (for this equ	inment only)						
		nsidered confidential?	(Y or N)					
					TRATE			
1. N	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS		
2.								
3.								
4.						 		
5.				 				
6.								
7.			-					
8.						 		
9.					-			
TOTAL								
1 V 1/ Max								
44.0.4.41								
	aterials (for this ed	quipment)						
	aterials (for this ed Product Stream	quipment)		OUTE	PUT RATE			
Process/I	Product Stream		PER HOUR		PUT RATE PER YEAR	UNITS		
Process/I		quipment) CAS NO. (IF APPLICABLE)	PER HOUR	OUTF UNITS		UNITS		
Process/I	Product Stream		PER HOUR			UNITS		
Process/I	Product Stream		PER HOUR			UNITS		
Process/I	Product Stream		PER HOUR			UNITS		
Process/II N 1. 2. 3. 4. 5.	Product Stream		PER HOUR			UNITS		
Process/I	Product Stream		PER HOUR			UNITS		
Process/I N 1. 2. 3. 4. 5. 6. 7.	Product Stream		PER HOUR			UNITS		
Process/IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Product Stream		PER HOUR			UNITS		
Process/II N 1. 2. 3. 4. 5. 6. 7. 8. 9.	Product Stream		PER HOUR			UNITS		
Process/IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Product Stream		PER HOUR			UNITS		
Process/I N 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL	Product Stream	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS		
N 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR			
Process/I N 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL	Product Stream	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS		
Process/I N 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streen N	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR			
Process/I N 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streen	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR			
Process/I N 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streen N 1. 2. 3.	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR			
Process/I N 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streen	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR			
Process/I N 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streen N 1. 2. 3. 4.	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR			
Process/I N 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Street N 1. 2. 3. 4. 5.	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR			
Process/I N 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streen N 1. 2. 3. 4. 5. 6.	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR			
Process/I N 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Stree N 1. 2. 3. 4. 5. 6. 7.	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR			

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

Page 3 of 4 Recycled Paper

16. Total Stack Emissions (for this	16. Total Stack Emissions (for this equipment only) in Pounds 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 the	nis equipment only) in Pounds	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 Emission	ons (1= Estimate 2= Em	ission Factor 3= Stack Test 4= Other)						
TSP SOX	NOX CO	VOC PM10						
165 166	167 168	169 170						
	167 168 TION MANAGEMENT ADMINIS							
AIR AND RADIAT	Rec'd. State Retui							
AIR AND RADIAT	Rec'd. State Return Date tion Reviewed	rn to Local Jurisdiction By						
18. Date Rec'd. Local Date Reviewed by Local Jurisdic	Rec'd. State Return Date_ tion Reviewed Date_	rn to Local Jurisdiction By by State						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdic Date Date By 19. Inventory Date Month/You	Rec'd. State Return Date_ tion Reviewed Date_ ear Equipment Code	by State SCC Code						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdic Date By Month/You 171-17	Rec'd. State Return Date_ tion Reviewed Date_ ear Equipment Code	by State SCC Code 178-185						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdic Date Date By 19. Inventory Date Month/You	Rec'd. State Return Date_ tion Reviewed Date_ ear Equipment Code	by State SCC Code 178-185						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdic Date By Month/You 171-17 20. Annual	Rec'd. State Return Date tion Reviewed Date ear Equipment Code 175-177 Maximum Design Perm	by State SCC Code 178-185 Int to Operate Iransaction Date						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdic Date By 19. Inventory Date Month/Y 171-17 20. Annual Operating Rate	Rec'd. State Return Date_ tion Reviewed Date_ ear Equipment Code 175-177 Maximum Design Hourly Rate 193-199	by State SCC Code 178-185 Int to Operate I ransaction Date Month (MM/DD/YR)						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 171-17 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 Regulat	stration use only In to Local Jurisdiction By by State By SCC Code 178-185 Int to Operate Month (MM/DD/YR) 200-201 202-207						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Your Month/Your Date 171-17 20. Annual Operating Rate 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 SIP Code 213 214 215	stration use only In to Local Jurisdiction By by State SCC Code 178-185 Int to Operate Month (MM/DD/YR) 200-201 Confidentiality						
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 171-17 20. Annual Operating Rate Staff Code VOC Code 208-210 211 212 Point	Rec'd. State Return Date tion Reviewed Date ear Equipment Code 175-177 Maximum Design Perm Hourly Rate SIP Code Regulate	stration use only In to Local Jurisdiction By by State SCC Code 178-185 It to Operate Month (MM/DD/YR) 200-201 Confidentiality 5-218 219						

Form Number: 5



(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 Preston Grain Facility	
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655	
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConneli	
JOB TITLE:	Environmental Manager	
PHONE NUMBER:	(302) 841-4629	
EMAIL ADDRESS:	kmcconnell@mountaire.com	
DES	SCRIPTION OF EQUIPMENT OR PROCESS	
Tube	Transfer / Load-out Screws (See attached equipment list)	

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

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

\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. N/A Form 11 No. N/A Form 5T No. N/A Form 41 No. N/A Form 5EP No. N/A Form 42 No. N/A Form 6 No. N/A Form 44 No. N/A 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.				

Required for applications subject to Expanded 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 Con	struct	Registration Update	Initial Registration	n U
1A. Owner of Equipment/0 Mountaire Farms of Delawa		e	DO NOT WRITE 2. REGISTRA	IN THIS BLOCK TION NUMBER
Mailing Address			County No.	Premises No.
P.O. Box 1320 Street Address				
Milisboro	Delaware	19966	1-2	3-6
City	State	Zip	Registration Class	Equipment No.
		•		
Telephone Number				8-11
(302) 841-4629			Data Year	0-11
Signature				
Signature	000			
Khiller V	helen		12-13	Application Date
		V.		
Phillip Plylar - Presider	nt		04-22-24	
Print Name and Title			Date	
1B. Equipment Location a	nd Telephone	Number (if different fro	om ahove)	
3695 Choptank Road	illa relepitorie	manipor (ii amerene iii	om abovo,	
Street Number and Street N	ame			
Preston	Marylan	d 216	55 (302)	841-4629
City/Town	State			none Number
Mountaire Farms of De Premises Name (if different t		eston Grain Facility		
Piemises Name (ii dinetent i	irom above)			
3. Status (A= New, B= Mod	dification to Ex	isting Equipment, C= E	Existing Equipment)	
	construction	New Construction	Existing	
Status Begur	n (MM/YY)	Completed (MM/YY) Operation	(MM/YY)
c				
15	16-19	20-23)-23
	10 10	20-20	20	
4. Describe this Equipmen	it: Make, Model	, Features, Manufacturer		
	it: Make, Model	, Features, Manufacturer		
4. Describe this Equipmen	it: Make, Model ws (see attached	, Features, Manufacturer		
4. Describe this Equipmen Tube Transfer - Load out screy 5. Workmen's Compensation	it: Make, Model ws (see attached	, Features, Manufacturer equipment list)	(include Maximum Hou	
4. Describe this Equipmen Tube Transfer - Load out screy 5. Workmen's Compensati Company	nt: Make, Model ws (see attached ion Coverage_	, Features, Manufacturer equipment list) See attached. Binder/Policy Number	(include Maximum Hou	Expiration Date
4. Describe this Equipmen Tube Transfer - Load out screy 5. Workmen's Compensati Company NOTE: Before a Permit to Con	it: Make, Model ws (see attached ion Coverage_ struct may be issue	, Features, Manufacturer equipment list) See attached. Binder/Policy Number	(include Maximum Hou	expiration Date
4. Describe this Equipmen Tube Transfer - Load out screy 5. Workmen's Compensati Company NOTE: Before a Permit to Con	nt: Make, Model ws (see attached ion Coverage_ struct may be issue sation coverage as	Features, Manufacturer equipment list) See attached. Binder/Policy Number ed by the Department, the apprequired under Section 1-202	(include Maximum Hou E Dlicant must provide the De 2 of the Worker's Compensa	Expiration Date partment with proof of ation Act.
4. Describe this Equipmen Tube Transfer - Load out screy 5. Workmen's Compensati Company NOTE: Before a Permit to Conworker's compens	nt: Make, Model ws (see attached ion Coverage_ struct may be issue sation coverage as	Features, Manufacturer equipment list) See attached. Binder/Policy Number ed by the Department, the apprequired under Section 1-202	(include Maximum Hou E Dlicant must provide the De 2 of the Worker's Compensa	Expiration Date partment with proof of ation Act.
4. Describe this Equipment Tube Transfer - Load out screw 5. Workmen's Compensation Company NOTE: Before a Permit to Company worker's compensation Note: Before a Permit to Company worker's compensation	at: Make, Model ws (see attached ion Coverage_struct may be issue sation coverage as dentical Equipr	Features, Manufacturer equipment list) See attached. Binder/Policy Number ed by the Department, the apprequired under Section 1-202 ment Units to be Regist	(include Maximum Hou licant must provide the De of the Worker's Compensatered/Permitted at thi	Expiration Date partment with proof of ation Act.

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

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	
Describe Mineral oil applied to all grain recevied.	-
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)								
If not, then	Height Avove Groun	nd (FT) Inside Diameter at To	p Exit Temper		Exit Velocity (I			
NOTE: Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.								
13. Input Ma Is any of	terials (for this equ this data to be cor	nipment only) sidered confidential?	(Y or N)	<u>INPU</u>	T RATE			
1	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS		
1.								
2.								
3.								
4.						ļ		
5.				├ ──┤	<u> </u>	ļ		
6.						 		
7.								
8.				 				
9. TOTAL						L		
IOIAL								
	laterials (for this e /Product Stream	quipment)		OUTP	OUT RATE			
I	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS		
1.	(Allic	<u> </u>		1 1				
2.								
3.								
4.	<u> </u>							
5.								
6.								
7.				 				
8.				 				
9.								
TOTAL								
15. Waste St	reams- Solid and L	_iquid			PUT RATE			
1	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 Pe	r 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 th	is 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
150-154	155-159	160-164
Method Used to Determine Emission		ssion Factor 3= Stack Test 4= Other)
TSP SOX		VOC PM10
165 166	167 168	169 170
	167 168 ION MANAGEMENT ADMINIST	
AIR AND RADIAT	ION MANAGEMENT ADMINIST	
AIR AND RADIAT	ION MANAGEMENT ADMINIST Rec'd. State Return	RATION USE ONLY
AIR AND RADIAT 18. Date Rec'd. Local Date F Reviewed by Local Jurisdict Date By	Rec'd. State Return Date ion Reviewed by	to Local Jurisdiction
AIR AND RADIAT 18. Date Rec'd. Local Date F Reviewed by Local Jurisdict Date By	ION MANAGEMENT ADMINIST Rec'd. State Return Date ion Reviewed by Date	to Local Jurisdiction By y State
AIR AND RADIAT 18. Date Rec'd. Local Date F Reviewed by Local Jurisdict Date By 19. Inventory Date Month/Ye	ion Reviewed by Date Equipment Code	to Local Jurisdiction By y State SCC Code
AIR AND RADIAT 18. Date Rec'd. Local Date I Reviewed by Local Jurisdict Date By	ion Reviewed by Date Equipment Code	to Local Jurisdiction By y State By By
AIR AND RADIAT 18. Date Rec'd. Local Date I Reviewed by Local Jurisdict Date By 19. Inventory Date Month/Ye	ion Reviewed by Date Equipment Code 175-177 Maximum Design Permit	y State SCC Code 178-185
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdict By 19. Inventory Date Month/Ye 171-17. 20. Annual Operating Rate	ion Reviewed by Date Permit Hourly Rate	to Local Jurisdiction By y State By SCC Code 178-185 to Operate Transaction Date Month (MM/DD/YR)
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdict By 19. Inventory Date Month/Ye 171-17. 20. Annual Operating Rate 186-192	ion Reviewed by Date Permit Hourly Rate 193-199	to Local Jurisdiction By y State By 178-185 to Operate Month (MM/DD/YR) 200-201 202-207
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdict By 19. Inventory Date Month/Ye 171-17. 20. Annual Operating Rate	ion Reviewed by Date Permit Hourly Rate	to Local Jurisdiction By y State By 178-185 to Operate Month (MM/DD/YR) 200-201 202-207
AIR AND RADIAT 18. Date Rec'd. Local Date Reviewed by Local Jurisdict By 19. Inventory Date Month/Ye 171-17. 20. Annual Operating Rate	ion Reviewed by Date Permit Hourly Rate 193-199	state By SCC Code 178-185 To Operate Month (MM/DD/YR) To Ode Confidentiality
AIR AND RADIAT 18. Date Rec'd. Local Date I Reviewed by Local Jurisdict By 19. Inventory Date Month/Ye 171-174 20. Annual Operating Rate 186-192 Staff Code VOC Code 208-210 211 212	ion Reviewed by Date Far Equipment Code 175-177 Maximum Design Permit Hourly Rate 193-199 SIP Code Regulation Regulation Reviewed by Date	state By SCC Code 178-185 To Operate Month (MM/DD/YR) To Ode Confidentiality
AIR AND RADIAT 18. Date Rec'd. Local Date I Reviewed by Local Jurisdict By 19. Inventory Date Month/Ye 171-174 20. Annual Operating Rate 186-192 Staff Code VOC Code 208-210 211 212	Rec'd. State Return Date ion Reviewed by Date ear Equipment Code 4 175-177 Maximum Design Hourly Rate 193-199 SIP Code Regulation 213 214 215-2	TRATION USE ONLY I to Local Jurisdiction By y State By 178-185 to Operate Month (MM/DD/YR) 200-201 Confidentiality 218 219

Form Number: 5



AIR QUALITY PERMIT TO CONSTRUCT **APPLICATION CHECKLIST**

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

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

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

\boxtimes	Application package cover letter describing	the proposed project
\boxtimes	Complete application forms (Note the numl applicable.)	per of forms included or NA if not
	No. 1 Form 5 No. N/A Form 5T No. N/A Form 5EP No. N/A Form 6 No. N/A Form 10	No. N/A Form 11 No. N/A Form 41 No. N/A Form 42 No. N/A Form 44
	Vendor/manufacturer specifications/guaran	itees
\boxtimes	Evidence of Workman's Compensation Ins	urance
\boxtimes	Process flow diagrams with emission points	3
\boxtimes	Site plan including the location of the propo	sed source and property boundary
\boxtimes	Material balance data and all emissions ca	lculations
	Material Safety Data Sheets (MSDS) or eq processed and manufactured.	uivalent information for materials
	Certificate of Public Convenience and Nece from the Public Service Commission (1)	essity (CPCN) waiver documentation
	Documentation that the proposed installation use requirements (2)	on complies with local zoning and land
	(1) Required for emergency and non-emer October 1, 2001 and rated at 2001 kW or mo	
	(2) Paguired for applications subject to Evi	panded Public Participation Requirements

Required for applications subject to Expanded 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 Registration Undate Initial Registration In

	_		
1A. Owner of Equip	ment/Company Name		DO NOT WRITE IN THIS BLOCK
Mountaire Farms of			2. REGISTRATION NUMBER
Mailing Address P.O. Box 1320 Street Address Millsboro City Telephone Numb	Delaware State	19966 Zip	County No. Premises No. 1-2 Registration Class Equipment No. 7 Data Year
Signature	0000	>	12-13 Application Date
_ /M	to Thelas		12-13 Application succ
Phillip Plylar - P	President		04-22-24
Print Name and Title			Date
1B. Equipment Loca 3695 Choptank	ation and Telephone N Road	lumber (if different fr	om above)
Street Number and	Street Name		
Preston	Maryland	216	55 (302) 841-4629
Preston City/Town	Maryland State		55 (302) 841-4629 Zip Telephone Number
City/Town	State		
City/Town Mountaire Farm			
City/Town Mountaire Farm Premises Name (if c	State ns of Delaware Inc Pre different from above)	ston Grain Facility	Zip Telephone Number
City/Town Mountaire Farm Premises Name (if c	State as of Delaware Inc Pre different from above) B= Modification to Exis	ston Grain Facility	Zip Telephone Number Existing Equipment)
City/Town Mountaire Farm Premises Name (if o	State as of Delaware Inc Pre different from above) B= Modification to Exis New Construction	ston Grain Facility	Existing Equipment) Existing Initial
City/Town Mountaire Farm Premises Name (if o	State as of Delaware Inc Pre different from above) B= Modification to Exis	ston Grain Facility sting Equipment, C=	Existing Equipment) Existing Initial
City/Town Mountaire Farm Premises Name (if o	State as of Delaware Inc Pre different from above) B= Modification to Exis New Construction	ston Grain Facility sting Equipment, C=	Existing Equipment) Existing Initial
City/Town Mountaire Farm Premises Name (if of a second of a secon	State as of Delaware Inc Predifferent from above) B= Modification to Exist New Construction Begun (MM/YY) 16-19	ston Grain Facility sting Equipment, C= New Construction Completed (MM/Y) 20-23	Existing Equipment) Existing Initial Y) Operation (MM/YY)
City/Town Mountaire Farm Premises Name (if of a second of a secon	State as of Delaware Inc Predifferent from above) B= Modification to Exist New Construction Begun (MM/YY) 16-19	ston Grain Facility sting Equipment, C= New Construction Completed (MM/Y) 20-23	Existing Equipment) Existing Initial Y) Operation (MM/YY) 20-23
City/Town Mountaire Farm Premises Name (if of a second of a secon	State as of Delaware Inc Predifferent from above) B= Modification to Exist New Construction Begun (MM/YY) 16-19 uipment: Make, Model,	ston Grain Facility sting Equipment, C= New Construction Completed (MM/Y) 20-23	Existing Equipment) Existing Initial Y) Operation (MM/YY) 20-23 r (include Maximum Hourly Input Rate, etc.)
City/Town Mountaire Farm Premises Name (if of a status (A= New, I status C 15) 4. Describe this Equation 5. Workmen's Comparison of the status (A= New, I status C 15)	State as of Delaware Inc Predifferent from above) B= Modification to Exist New Construction Begun (MM/YY) 16-19 uipment: Make, Model, pensation Coverage	ston Grain Facility sting Equipment, C= New Construction Completed (MM/Y) 20-23 Features, Manufacturer	Existing Equipment) Existing Initial Y) Operation (MM/YY) 20-23
City/Town Mountaire Farm Premises Name (if of a service of the se	State as of Delaware Inc Predifferent from above) B= Modification to Exist New Construction Begun (MM/YY) 16-19 uipment: Make, Model, pensation Coverage	ston Grain Facility sting Equipment, C= New Construction Completed (MM/Y) 20-23 Features, Manufacturer See attached Binder/Policy Number	Existing Equipment) Existing Initial Operation (MM/YY) 20-23 (include Maximum Hourly Input Rate, etc.) Expiration Date
City/Town Mountaire Farm Premises Name (if or or or or or or or or or or or or or	State as of Delaware Inc Predifferent from above) B= Modification to Exist New Construction Begun (MM/YY) 16-19 uipment: Make, Model, pensation Coverage inti to Construct may be issued to compensation coverage as recompensation coverage.	ston Grain Facility sting Equipment, C= New Construction Completed (MM/Y) 20-23 Features, Manufacturer See attached Binder/Policy Number d by the Department, the apequired under Section 1-20	Existing Equipment) Existing Initial Operation (MM/YY) 20-23 (include Maximum Hourly Input Rate, etc.) Expiration Date Oplicant must provide the Department with proof of 12 of the Worker's Compensation Act.
City/Town Mountaire Farm Premises Name (if of order order of order orde	State as of Delaware Inc Predifferent from above) B= Modification to Exist New Construction Begun (MM/YY) 16-19 uipment: Make, Model, pensation Coverage nit to Construct may be issued a compensation coverage as researched as of Identical Equipment.	ston Grain Facility sting Equipment, C= New Construction Completed (MM/Y) 20-23 Features, Manufacturer See attached Binder/Policy Number d by the Department, the appreciated under Section 1-20 ment Units to be Regis	Existing Equipment) Existing Initial Operation (MM/YY) 20-23 (include Maximum Hourly Input Rate, etc.) Expiration Date

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
X
<u>24-0</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
24-1 24-2 24-3 24-4 24-5 24-5 24-5
Other
X Describe Equipment is totally enclosed.
24-9
10. Annual Fuel Consumption for this Equipment
OIL-1000 GALLONS SULFUR % GRADE NATURAL GAS-1000 FT ³ LP GAS-100 GALLONS GRADE
26-31 32-33 34 35-41 42-45
COAL- TONS SULFUR % ASH% WOOD-TONS MOISTURE %
COAL-TONS SOLITON ASTRONOMY SO
46-52 53-55 56-58 59-63 64-65
AND THE CONCLINED
ANTION CONTROLL STREET
(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 Plocess Hours per Batch Plocess Hours per Batch Plocess
67-1 67-2 68-69 70-71 72 73-75 Seasonal Variation in Operation:
No <u>Variation</u> 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)						
					L 85	
If not, then	Height Avove Grour	nd (FT) Inside Diameter at To	p Exit Temper	rature (°F)	Exit Velocity (F	T/SEC)
					اــــــــــا	
	86-88	89-91 	92-9		96-98	
		NOTE:				
Attach a bl	ock diagram of pro	ocess/process line, indica	iting new equip	ment as r	eported on this	form
	and all existing e	equipment, including cont	rol devices and	l emissior	n points.	
13 Input Mat	terials (for this equ	uinment only)		-		
		nsidered confidential?	(Y or N)			
,				Branch Commercial Comm	T RATE	
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.						
3.			<u>-</u>			
4.						
5.						
6.						
7.						
8.						
9.						
TOTAL						
14 Output M	laterials (for this e	guipment)				····
	/Product Stream	4				
					PUT RATE	
1.	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
2.						
3.						
4.						
5.						
6.						
7						
7.						
8.						
8. 9.						
8.						
8. 9. TOTAL	reams- Solid and L	iquid				
8. 9. TOTAL 15. Waste Str	reams- Solid and L				PUT RATE	
9. TOTAL 15. Waste St	reams- Solid and L	iquid CAS NO. (IF APPLICABLE)	PER HOUR	OUTF	PUT RATE PER YEAR	UNITS
8. 9. TOTAL. 15. Waste Sta			PER HOUR			UNITS
8. 9. TOTAL. 15. Waste Sta 1. 2.			PER HOUR			UNITS
8. 9. TOTAL. 15. Waste Sta			PER HOUR			UNITS
8. 9. TOTAL. 15. Waste Sta 1. 2. 3.			PER HOUR			UNITS
8. 9. TOTAL. 15. Waste Sta 1. 2. 3. 4.			PER HOUR			UNITS
8. 9. TOTAL. 15. Waste States 1. 2. 3. 4. 5.			PER HOUR			UNITS
8. 9. TOTAL. 15. Waste Str. 1. 2. 3. 4. 5. 6. 7. 8.			PER HOUR			UNITS
8. 9. TOTAL. 15. Waste Str. 1. 2. 3. 4. 5. 6. 7.			PER HOUR			UNITS

16. Total Stack Emissions (for this	s equipment only) in Pounds	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	ls Per Operating Day	
Particulate Matter	Oxides of Sulfur	Oxides of Nitrogen	
See attached air emmissions		145-149	
135-139	140-144		
Carbon Monoxide	Volatile Organic Compounds	PM-10	
150-154	155-159	160-164	
Method Used to Determine Emiss	ions (1= Estimate 2= En	nission Factor 3= Stack Test 4= O	ther)
TSP SOX	NOX CO	VOC PM10	
165 166	167 168	169 170	
	167 168 TION MANAGEMENT ADMINI		
AIR AND RADIA	TION MANAGEMENT ADMINI Rec'd. State Retu	STRATION USE ONLY urn to Local Jurisdiction	
AIR AND RADIA	Rec'd. State Retu	STRATION USE ONLY urn to Local Jurisdiction By	
18. Date Rec'd. Local Date Reviewed by Local Jurisdic	Rec'd. State Retundate	STRATION USE ONLY urn to Local Jurisdiction By	
18. Date Rec'd. Local Date Reviewed by Local Jurisdic	Rec'd. State Retundate_ ction Reviewed Date_	STRATION USE ONLY urn to Local Jurisdiction By I by State	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic Date Date By 19. Inventory Date Month/Y	Rec'd. State Return Date Ction Reviewed Date Cear Equipment Code	STRATION USE ONLY urn to Local Jurisdiction By I by State By SCC Code	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic Date By Month/Y	TION MANAGEMENT ADMINI Rec'd. State Return Date Ction Reviewed Date Year Equipment Code 175-177	STRATION USE ONLY urn to Local Jurisdiction By I by State By SCC Code	
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic Date Date By 19. Inventory Date Month/Y	TION MANAGEMENT ADMINI Rec'd. State Return Date Ction Reviewed Date Year Equipment Code 175-177	STRATION USE ONLY urn to Local Jurisdiction By I by State By SCC Code	
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 Return Date Ction Reviewed Date 74 175-177 Maximum Design Hourly Rate	STRATION USE ONLY arn to Local Jurisdiction By I by State By SCC Code 178-185 Init to Operate Iransaction Date Month (MM/DD/YR)	
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 186-192	Rec'd. State Return Date Ction Reviewed Date 74 175-177 Maximum Design Hourly Rate 193-199	STRATION USE ONLY arn to Local Jurisdiction By I by State By SCC Code 178-185 Init to Operate I ransaction Date Month (MM/DD/YR) 200-201 202-207	
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 Return Date Ction Reviewed Date 74 175-177 Maximum Design Hourly Rate 193-199	STRATION USE ONLY arn to Local Jurisdiction By I by State By SCC Code 178-185 Init to Operate Iransaction Date Month (MM/DD/YR)	
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 186-192	Rec'd. State Return Date ction Reviewed Date /ear Equipment Code // 175-177 Maximum Design Hourly Rate 193-199 SIP Code Regula	STRATION USE ONLY arn to Local Jurisdiction By I by State By SCC Code 178-185 Init to Operate I ransaction Date Month (MM/DD/YR) 200-201 202-207	
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 ction Reviewed Date /ear Equipment Code // 175-177 Maximum Design Hourly Rate 193-199 SIP Code Regula	STRATION USE ONLY Irn to Local Jurisdiction By I by State By SCC Code 178-185 Init to Operate Iransaction Date (MM/DD/YR) Ation Code Confidentiality	
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 Returbate ction Reviewed Date /ear Equipment Code // 175-177 Maximum Design Hourly Rate 193-199 SIP Code Regula 213 214 21	STRATION USE ONLY arn to Local Jurisdiction By I by State SCC Code 178-185 Init to Operate Month (MM/DD/YR) 200-201 Ation Code 15-218 219	d



AIR QUALITY PERMIT TO CONSTRUCT **APPLICATION CHECKLIST**

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

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

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

\boxtimes	Application package cover letter describing	the proposed project
X	Complete application forms (Note the num applicable.)	ber of forms included or NA if not
	No. N/A Form 5 No. N/A Form 5EP No. N/A Form 6 No. N/A Form 10	No. N/A Form 11 No. N/A Form 41 No. N/A Form 42 No. N/A Form 44
	Vendor/manufacturer specifications/guarar	ntees
\boxtimes	Evidence of Workman's Compensation Ins	urance
\boxtimes	Process flow diagrams with emission point	s
\boxtimes	Site plan including the location of the propo	osed source and property boundary
\boxtimes	Material balance data and all emissions ca	lculations
	Material Safety Data Sheets (MSDS) or eq processed and manufactured.	uivalent information for materials
	Certificate of Public Convenience and Nec from the Public Service Commission (1)	essity (CPCN) waiver documentation
	Documentation that the proposed installation use requirements (2)	on complies with local zoning and land
	(1) Required for emergency and non-emer October 1, 2001 and rated at 2001 kW or mo	rgency generators installed on or after re.
	(2) Required for applications subject to Ex	nanded Public Participation Requirements.

Required for applications subject to Expanded 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 □ Registration Update □ Initial Registration □

1A. Owner of Equipment/Company Nam Mountaire Farms of Delaware Inc.	ee		IN THIS BLOCK TION NUMBER
Mailing Address		County No.	Premises No.
P.O. Box 1320		County No.	Tremises No.
Street Address	40000	1-2	3-6
MIllsboro Delaware	19966 Zip	Registration Class	
City State	Zip		
Telephone Number			8-11
(302)_841-4629		Data Year	
Signature			
Hall the		12-13	Application Date
Phillip Plylar - President		04-22-14	
Print Name and Title		04 - 22 - 24 Date	
1B. Equipment Location and Telephone 3695 Choptank Road Street Number and Street Name	Number (if different fr	om above)	
Preston Marylai	nd 216	302 ₁	841-4629
City/Town State		Zip Telep	hone Number
Mountaire Farms of Delaware Inc F	Preston Grain Facility		
Premises Name (if different from above)			
3. Status (A= New, B= Modification to E New Construction	xisting Equipment, C= New Construction	Existing Equipment) Existing	ng Initial
Status Begun (MM/YY)	Completed (MM/Y		n (MM/YY)
C 16-19	20-23		20-23
4. Describe this Equipment: Make, Mode Wet and Dry Grain Elevator Legs - 8,000 bph	el, Features, Manufacture each.	r (include Maximum Ho	ourly Input Rate, etc.)
	Car alleghed		
5. Workmen's Compensation Coverage	Binder/Policy Number		Expiration Date
Company NOTE: Before a Permit to Construct may be iss	ued by the Department, the ar	oplicant must provide the De	epartment with proof of
worker's compensation coverage a			_
6A. Number of Pieces of Identical Equip			
6B. Number of Stack/Emission Points A	Associated with this Eq	uipment_None, totally	enclosed.

Form Number: 5 Rev. 9/27/2002

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
X
24-0
Simple/Multiple Spray/Adsorb Venturi Carbon Electrostatic Baghouse Thermal/Catalytic Dry Cyclono Tower Scrubber Adsorber Precipitator Afterburner Scrubber
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 Both elevator legs are totally enclosed.
24-9
10. Annual Fuel Consumption for this Equipment
OIL-1000 GALLONS SULFUR % GRADE NATURAL GAS-1000 FT ³ LP GAS-100 GALLONS GRADE
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%)
No Variation Winter Percent Spring Percent Summer Percent Fall Percent (10tal 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 Innformation- is Exhaust through Doors, Windows, etc. Only? (Y/N)						
					85	
If not, then	Height Avove Groun	d (FT) Inside Diameter at To	p Exit Temper	rature (°F)	Exit Velocity (FT/SEC)
						İ
		89-91	92-9		96-98	
	86-88		92-3		30-30	
		NOTE:	·			form
Attach a blo	ock diagram of pro	ocess/process line, indica quipment, including cont	iting new equip	ment as r Lemissior	eportea on uns 2 noints	STOTILL
	and an existing e	quipment, including com	TOT GEVICES and			
13. Input Mate	erials (for this equ	ipment only)	¬			
ls any of t	his data to be con	sidered confidential?	(Y or N)	INDII:	T RATE	
l N	IAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
1.		<u> </u>				
2.						
3.						
4.						
5. 6.				-		
7.						
8.			-			
9.						
TOTAL				-		
AA Outure t Ba-	aterials (for this ed	vuinment)				-
14. Output Ma Process/l	Product Stream	alpinent,				
Process/l	Product Stream				PUT RATE	
Process/I	Product Stream	CAS NO. (IF APPLICABLE)	PER HOUR	OUTP UNITS	PUT RATE PER YEAR	UNITS
Process/I	Product Stream		PER HOUR			UNITS
Process/I	Product Stream		PER HOUR			UNITS
Process/I	Product Stream		PER HOUR			UNITS
Process/I 1. 2. 3. 4. 5.	Product Stream		PER HOUR			UNITS
Process/I N 1. 2. 3. 4. 5. 6.	Product Stream		PER HOUR			UNITS
Process/I 1. 2. 3. 4. 5. 6. 7.	Product Stream		PER HOUR			UNITS
Process/I	Product Stream		PER HOUR			UNITS
Process/I N 1. 2. 3. 4. 5. 6. 7. 8. 9.	Product Stream		PER HOUR			UNITS
Process/I 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL	Product Stream	CAS NO. (IF APPLICABLE)	PER HOUR			UNITS
Process/I 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL	Product Stream	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
Process/I 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR	
Process/I 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL	Product Stream	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS
Process/I 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR	
Process/I 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Street N 1. 2. 3.	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR	
Process/I 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Street 1. 2. 3. 4.	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR	
Process/I 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Street N 1. 2. 3. 4. 5.	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR	
Process/I 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streen 1. 2. 3. 4. 5. 6.	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR	
Process/I 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Street N 1. 2. 3. 4. 5.	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR	
Process/I 1. 2. 3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Street N. 1. 2. 3. 4. 5. 6. 7.	Product Stream	cas no. (IF APPLICABLE)		OUTF	PER YEAR	

16. Total Stack Emissions (for the	nis equipment only) in Pour	nds Per Operating Day	
Particulate Matter	Oxides of Sulfur	Oxides of Nitrog	gen
See attached air emmissions			
99-104	105-110	111-116	
Carbon Monoxide	Volatile Organic Compounds	PM-10	
9			
177-122	123-128	129-134	
17. Total Fugitive Emissions (for	this equipment only) in Po	ounds Per Operating Day	
Particulate Matter	Oxides of Sulfur	Oxides of Nitrog	en
See attached air emmissior			
135-139	140-144	145-149	
Carbon Monoxide	Volatile Organic Compounds	PM-10	
150-154	155-159	160-164	
Method Used to Determine Emis		= Emission Factor 3= Sta	ack Test 4= Other)
TSP SOX	NOX CO	VOC PM10	,
165 166	167 168	169 170	
	167 168 ATION MANAGEMENT ADM		Y
AIR AND RADI	ATION MANAGEMENT ADM	MINISTRATION USE ONLY	
AIR AND RADI	ATION MANAGEMENT ADM te Rec'd. State		on
AIR AND RADI 18. Date Rec'd. Local Date Reviewed by Local Jurisco	te Rec'd. State	Return to Local Jurisdicti DateBy wed by State	on
AIR AND RADI 18. Date Rec'd. Local Date Reviewed by Local Jurisco Date By	te Rec'd. State liction Revie	Return to Local Jurisdicti DateBy wed by StateBy	on
AIR AND RADI 18. Date Rec'd. Local Date Reviewed by Local Jurisco	te Rec'd. State liction Revie	Return to Local Jurisdicti DateBy wed by StateBy	on
AIR AND RADI 18. Date Rec'd. Local Date Reviewed by Local Jurisc Date By 19. Inventory Date Month	te Rec'd. State liction Revie Date /Year Equipment Co	Return to Local JurisdicticateBy wed by StateBy de SCC Cod	e
AIR AND RADI 18. Date Rec'd. Local Date Reviewed by Local Jurisco Date By 19. Inventory Date Month 171 20. Annual	te Rec'd. State liction Revie Date Year Equipment Co 175-177 Maximum Design	Return to Local Jurisdicti DateBy wed by StateBy de SCC Cod178-185 Permit to Operate I ra	e Insaction Date
AIR AND RADI 18. Date Rec'd. Local Date Reviewed by Local Jurisc Date By 19. Inventory Date Month	te Rec'd. State liction Revie Date Pare 175-177	Return to Local Jurisdicti DateBy wed by StateBy de SCC Cod	e
AIR AND RADI 18. Date Rec'd. Local Date Reviewed by Local Jurisco Date By 19. Inventory Date Month 171 20. Annual	te Rec'd. State liction Revie Date Year Equipment Co 175-177 Maximum Design	Return to Local Jurisdicti DateBy wed by StateBy de SCC Cod178-185 Permit to Operate I ra	e Insaction Date
AIR AND RADI 18. Date Rec'd. Local Date Reviewed by Local Juriso Date By 19. Inventory Date Month 171 20. Annual Operating Rate	te Rec'd. State liction Revier Date 1793-199	Return to Local Jurisdicti DateBy wed by StateBy de SCC Cod178-185 Permit to Operate I ra Month200-201	e Insaction Date (MM/DD/YR)
AIR AND RADI 18. Date Rec'd. Local Date Reviewed by Local Juriso Date By 19. Inventory Date Month 20. Annual Operating Rate	te Rec'd. State liction Revier Date 1793-199	Return to Local Jurisdicti DateBy wed by StateBy de178-185 Permit to Operate	e Insaction Date (MM/DD/YR)
AIR AND RADI 18. Date Rec'd. Local Date Reviewed by Local Juriso Date By 19. Inventory Date Month 20. Annual Operating Rate	te Rec'd. State liction Revier Date 1793-199	Return to Local Jurisdicti DateBy wed by StateBy de178-185 Permit to Operate	e Insaction Date (MM/DD/YR)
AIR AND RADI 18. Date Rec'd. Local Date Reviewed by Local Jurisco Date By 19. Inventory Date Month 20. Annual Operating Rate 186-192 Staff Code VOC Code 208-210 211 212	te Rec'd. State liction Revier Date /Year Equipment Co -174 175-177 Maximum Design Hourly Rate 193-199 SIP Code Rec	Return to Local Jurisdicti DateBy wed by StateBy de SCC Cod178-185 Permit to Operate I ra Month	e Insaction Date (MM/DD/YR) 202-207 nfidentiality 219 Action
AIR AND RADI 18. Date Rec'd. Local Date Reviewed by Local Jurisco Date By 19. Inventory Date Month 20. Annual Operating Rate 186-192 Staff Code VOC Code 208-210 211 212	te Rec'd. State liction Revier Date 179 Equipment Co 174 175-177 Maximum Design Hourly Rate 193-199 SIP Code 213 214	Return to Local Jurisdicti DateBy wed by StateBy de SCC Cod178-185 Permit to Operate I ra Month	e Insaction Date (MM/DD/YR) 202-207 Infidentiality 219

Form Number: 5



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

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

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

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

\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. N/A Form 11 No. N/A Form 5T No. N/A Form 41 No. N/A Form 5EP No. N/A Form 42 No. N/A Form 6 No. N/A Form 44 No. N/A 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 lanuse requirements (2)		
	(1) Required for emergency and non-emergency generators installed on or after		

Required for applications subject to Expanded 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 Registration Undate Initial Registration Initial Registration Initial Registration Initial Registration Initial

1A. Owner of Equipment/Company	Name	DO NOT WRITE IN THIS BLOCK
Mountaire Farms of Delaware Inc.		2. REGISTRATION NUMBER
Mailing Address		Quarte Na Business No.
P.O. Box 1320		County No. Premises No.
Street Address		
MIllsboro Delaware	e 19966	1-2 3-6
City State	Zip	Registration Class Equipment No.
Talantana Mumban		
Telephone Number , 302 \ 841-4629		7 8-11
(302) 841-4629		Data Year
Signature _		
0000		12-13 Application Date
- Mulling What	ar	- Application bate
Di Win Di des Bresident		21 2 24
Phillip Plylar - President		Date Date
Print Name and Title		Date
1B. Equipment Location and Telep	hone Number (if different i	from above)
3695 Choptank Road		
Street Number and Street Name		
Preston N	1aryland	21655 (302) 841-4629
City/Town	State	
	State	Zip Telephone Number
•		Zip Telephone Number
Mountaire Farms of Delaware Ir	nc Preston Grain Facility	Zip Telephone Number
Mountaire Farms of Delaware Ir Premises Name (if different from above	nc Preston Grain Facility	
Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification	nc Preston Grain Facility to Existing Equipment, C=	Existing Equipment)
Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construction	nc Preston Grain Facility to Existing Equipment, C= on New Construction	= Existing Equipment) on Existing Initial
Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification	nc Preston Grain Facility to Existing Equipment, C= on New Construction	= Existing Equipment) on Existing Initial
Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construction Status Begun (MM/YY) C	nc Preston Grain Facility n to Existing Equipment, C= on New Construction () Completed (MM/)	Existing Equipment) on Existing Initial (Y) Operation (MM/YY)
Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construction Status Begun (MM/YY)	nc Preston Grain Facility to Existing Equipment, C= on New Construction	= Existing Equipment) on Existing Initial
Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construction Begun (MM/YY) C 15 16-19	nc Preston Grain Facility n to Existing Equipment, C= on New Construction () Completed (MM/) 20-23	Existing Equipment) on Existing Initial (YY) Operation (MM/YY) 20-23
Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construction Begun (MM/YY) C 15 16-19	nc Preston Grain Facility n to Existing Equipment, C= on New Construction () Completed (MM/) 20-23	Existing Equipment) on Existing Initial (Y) Operation (MM/YY)
Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construction Begun (MM/YY) C 15 4. Describe this Equipment: Make, Wet grain storage tanks	nc Preston Grain Facility n to Existing Equipment, C= on New Construction () Completed (MM/) 20-23 Model, Features, Manufacture	Existing Equipment) on Existing Initial (YY) Operation (MM/YY) 20-23
Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construction Status Begun (MM/YY) C 15 16-19 4. Describe this Equipment: Make,	nc Preston Grain Facility n to Existing Equipment, C= on New Construction () Completed (MM/) 20-23 Model, Features, Manufacture erage See attached	Existing Equipment) Existing Initial (Y) Operation (MM/YY) 20-23 er (include Maximum Hourly Input Rate, etc.)
Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construction Status Begun (MM/Y) C 15 4. Describe this Equipment: Make, Wet grain storage tanks 5. Workmen's Compensation Covernment	nc Preston Grain Facility n to Existing Equipment, C= on New Construction () Completed (MM/) 20-23 Model, Features, Manufacture erage See attached Binder/Policy Number	Existing Equipment) Existing Initial (Y) Operation (MM/YY) 20-23 er (include Maximum Hourly Input Rate, etc.) Expiration Date
Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construction Status Begun (MM/Y) C Begun (MM/Y) 4. Describe this Equipment: Make, Wet grain storage tanks 5. Workmen's Compensation Covernment Company NOTE: Before a Permit to Construct may	nc Preston Grain Facility n to Existing Equipment, C= on New Construction () Completed (MM/) 20-23 Model, Features, Manufacture erage See attached Binder/Policy Number be issued by the Department, the a	Existing Equipment) In Existing Initial (Y) Operation (MM/YY) 20-23 Per (include Maximum Hourly Input Rate, etc.) Expiration Date Applicant must provide the Department with proof of
Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construction Status Begun (MM/YY) C 15 16-19 4. Describe this Equipment: Make, Wet grain storage tanks 5. Workmen's Compensation Covernment Covernment Note: Before a Permit to Construct may worker's compensation covernment.	nc Preston Grain Facility n to Existing Equipment, C= on New Construction () Completed (MM/) 20-23 Model, Features, Manufacture erage See attached Binder/Policy Number be issued by the Department, the actuage as required under Section 1-2	Existing Equipment) In Existing Initial (Y) Operation (MM/YY) 20-23 Expiration Date Expiration Date Expiration Date Expiration Date Expiration Act.
Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construction Status Begun (MM/YY) C 15 16-19 4. Describe this Equipment: Make, Wet grain storage tanks 5. Workmen's Compensation Covernment Covernment Note: Before a Permit to Construct may worker's compensation covernment.	nc Preston Grain Facility n to Existing Equipment, C= on New Construction () Completed (MM/) 20-23 Model, Features, Manufacture erage See attached Binder/Policy Number be issued by the Department, the actuage as required under Section 1-2	Existing Equipment) In Existing Initial (Y) Operation (MM/YY) 20-23 Per (Include Maximum Hourly Input Rate, etc.) Expiration Date Applicant must provide the Department with proof of 202 of the Worker's Compensation Act.
Mountaire Farms of Delaware In Premises Name (if different from above 3. Status (A= New, B= Modification New Construction Status Begun (MM/Y) C Begun (MM/Y) 4. Describe this Equipment: Make, Wet grain storage tanks 5. Workmen's Compensation Covernment Company NOTE: Before a Permit to Construct may	nc Preston Grain Facility n to Existing Equipment, C= on New Construction () Completed (MM/) 20-23 Model, Features, Manufacture Prage See attached Binder/Policy Number be issued by the Department, the actage as required under Section 1-2 Equipment Units to be Reg	Existing Equipment) Existing Initial Operation (MM/YY) 20-23 Expiration Date Expiration Date Expiration Date Expiration Date Expiration Act. Expiration Act.

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

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.
Claim Elovator 10001100, aryo and ompo an grame.
9. Control Devices Associated with this Equipment
None
L
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
241 242 210 211
Other
X Describe Mineral oil applied to all grain recevied.
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
10 110 1000 1000

12. Equivalent Stack Innformation- is Exhaust through Doors, Windows, etc. Only? (Y/N)					
				85	
If not, then Height Avov	ve Ground (FT) Inside Diameter a	t Top Exit Tempe	erature (°F)	Exit Velocity (FT/SEC)
		7 [
86-≀	88 89-91	92	-95 	96-98	
	NOT	:			
	n of process/process line, ind				s form
and all exi	sting equipment, including c	ontrol devices an	d emissio	n points.	
13. Input Materials (for th	nis equinment only)	*-			
Is any of this data to	be considered confidential?	(Y or N)			
			INPU	T RATE	
NAME	CAS NO. (IF APPLICABLE) PER HOUR	UNITS	PER YEAR	UNITS
1.					
2.					
3. 4.			-		
5.					-
6.					
7.	_		 		
8.					
9.					
TOTAL					
14. Output Materials (for					
Process/Product Str	eam		OUTE	UT RATE	
NAME	CAS NO. (IF APPLICABLE) PER HOUR	UNITS	PER YEAR	UNITS
1.	0,10,10,10,10,10,10,10,10	,	1		5.0.0
2			+ +		
2.					
3.					
3. 4.					
3. 4. 5.					
3. 4. 5. 6.					
3. 4. 5. 6. 7.					
3. 4. 5. 6. 7.					
3. 4. 5. 6. 7. 8. 9.					
3. 4. 5. 6. 7.					
3. 4. 5. 6. 7. 8. 9.	and Liquid		OUTE		
3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streams - Solid) PER HOUR		PUT RATE	LINITS
3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streams - Solid	and Liquid CAS NO. (IF APPLICABLE) PER HOUR	OUTP	PUT RATE PER YEAR	UNITS
3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streams- Solid NAME) PER HOUR			UNITS
3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streams - Solid) PER HOUR			UNITS
3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streams- Solid NAME 1. 2.) PER HOUR			UNITS
3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streams- Solid NAME 1. 2. 3.) PER HOUR			UNITS
3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streams- Solid NAME 1. 2. 3. 4. 5. 6.) PER HOUR			UNITS
3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streams- Solid NAME 1. 2. 3. 4. 5. 6. 7.) PER HOUR			UNITS
3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streams - Solid NAME 1. 2. 3. 4. 5. 6. 7. 8.) PER HOUR			UNITS
3. 4. 5. 6. 7. 8. 9. TOTAL 15. Waste Streams- Solid NAME 1. 2. 3. 4. 5. 6. 7.) PER HOUR			UNITS

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

·	7 7	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 thi	s equipment only) in Pound	ls 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 Emission	ns (1= Estimate 2= En	nission Factor 3= Stack Test 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	lec'd. State Retu	ırn to Local Jurisdiction
	Date_	By
Reviewed by Local Jurisdicti DateBy		l by State
19. Inventory Date Month/Yea		
15. Inventory Date	ar Equipment Code	SCC Code
171-174	175-177	178-185
171-174	175-177	
171-174 20. Annual	175-177 Maximum Design Pern	178-185 nit to Operate Transaction Date
20. Annual Operating Rate 186-192	175-177 Maximum Design Pern Hourly Rate	178-185 nit to Operate
20. Annual Operating Rate 186-192	Maximum Design Pern Hourly Rate 193-199 SIP Code Regula	178-185 nit to Operate Transaction Date Month (MM/DD/YR) 200-201 202-207
20. Annual Operating Rate 186-192 Staff Code 208-210 211 212	Maximum Design Pern Hourly Rate 193-199 SIP Code Regula	178-185 Init to Operate I ransaction Date (MM/DD/YR) 200-201 202-207 Ation Code Confidentiality

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

Page 4 of 4 Recycled Paper



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

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

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

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

\boxtimes	Application package cover letter describing the proposed project		
\boxtimes	Complete application forms (Note the number applicable.)	er of forms included or NA if not	
	No. N/A Form 5T No. N/A Form 5EP	No. N/A Form 11 No. N/A Form 41 No. N/A Form 42 No. N/A 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	ed source and property boundary	
\boxtimes	Material balance data and all emissions calc	ulations	
	Material Safety Data Sheets (MSDS) or equi processed and manufactured.	ivalent information for materials	
	Certificate of Public Convenience and Neces from the Public Service Commission (1)	ssity (CPCN) waiver documentation	
	Documentation that the proposed installation use requirements (2)	n complies with local zoning and land	
	(1) Required for emergency and non-emerge 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 Y Registration Undate Initial Registration I

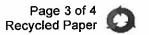
Permit to	Construct X	Registration Update 🔾	Initial Registration	on 🗖
1A. Owner of Equipme	ent/Company Name	9	DO NOT WRITE	IN THIS BLOCK
Mountaire Farms of De			2. REGISTRA	TION NUMBER
Mailing Address			County No.	Premises No.
P.O. Box 1320			County No.	Temises No.
Street Address				
Millsboro	Delaware	19966	1-2 Registration Class	3-6 Equipment No.
City	State	Zip	Registration class	Equipment No.
Telephone Number	•			
(302) 841-46	29		Data Year	8-11
			Data real	
Signature	nOnl			
(hill.	- Weller		12-13	Application Date
Phillip Plylar - Pres	sident		04-22-21 Date	
Print Name and Title			Date	
1B. Equipment Locati	on and Telephone	Number (if different fr	om above)	
3695 Choptank Ro		·		
Street Number and Str	eet Name			
Preston	Marylan	d 216		841-4629
City/Town	State		Zip Teler	hone Number
Mountaire Farms	of Delaware inc F	reston Grain Facility		
Premises Name (if diffe	erent from above)			
3 Status (A= New R=	Modification to Ex	cisting Equipment, C=	Existing Equipment)	
	ew Construction	New Construction	Existin	ig Initial
	egun (MM/YY)	Completed (MM/Y)	Y) Operation	n (MM/YY)
15	16-19	20-23		20-23
4 December this Equip	.macmits Bllades Blladel	, Features, Manufacture	r (include Maximum He	urby Input Pate etc \
Grain receiving leg - 11,0	ment: make, mode 00 bbh	, reatures, manulacture	(Iliciade maxillalii 110	uny mput nate, etc.
Grain (Cooking log 11)				
5. Workmen's Compe	nsation Coverage_	See attached.		Fusination Date
Company		Binder/Policy Number		Expiration Date
NOTE: Before a Permit to	o Construct may be issu	ed by the Department, the ap	pplicant must provide the De	epartment with proof of
		required under Section 1-20		
6A. Number of Pieces	of Identical Equip	ment Units to be Regis	stered/Permitted at th	nis Time <u>1</u>
AD North 1-75	Eminalan Daluka A	ssociated with this Eq	uinment None, totally	enclosed.

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
9. Control Devices Associated with this Equipment
None
X 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 Elevator leg is totally enclosed.
24-9
10. Annual Fuel Consumption for this Equipment OIL-1000 GALLONS SULFUR % GRADE NATURAL GAS-1000 FT3 LP GAS-100 GALLONS GRADE
OIL-1000 GALLONS SULFUR % GRADE NATURAL GAS-1000 FT° 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

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

12. Equivalent Stack Innformation- is Exhaust through Doors, Windows, etc. Only? (Y/N)							
If not, then	Height Avove Groun	nd (FT) Inside Diameter at To	pp Exit Tempe		Exit Velocity (I		
Attach a b	NOTE: Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.						
13. Input Ma Is any of	terials (for this equ this data to be cor	ipment only) nsidered confidential?	(Y or N)	INPU'	T RATE		
I	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS	
1.							
2.							
3.							
4.							
5.							
6.				ļ — — — — — — — — — — — — — — — — — — —			
7.				ļ			
8.							
9. TOTAL			<u> </u>			L	
IOIAL							
	laterials (for this ea /Product Stream	quipment)		OUTE	PUT RATE		
ı	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS	
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.						L	
TOTAL							
15. Waste St	reams- Solid and L	iquid			PUT RATE		
	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	UNITS	PER YEAR	UNITS_	
1.							
2.							
3.							
4.							
5.							
6.							
7.							
9.	·						
TOTAL			<u> </u>				
IVIAL							

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



16. Total Stack Emissions (for this equipment only) in Pounds 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= Other)			
TSP SOX	NOX CO	VOC PM10			
	ļ				
165 166	167 168	169 170			
	167 168 TION MANAGEMENT ADMINIS				
AIR AND RADIA	TION MANAGEMENT ADMINIS Rec'd. State Retu				
AIR AND RADIA	Rec'd. State Retu	rn to Local Jurisdiction By			
18. Date Rec'd. Local Date Reviewed by Local Jurisdic	Rec'd. State Retu Date Stion Reviewed 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 Return Date Stion Reviewed Date Ear Equipment Code	by State SCC Code			
AIR AND RADIA 18. Date Rec'd. Local Date Reviewed by Local Jurisdic By 19. Inventory Date Month/Y 171-17	Rec'd. State Return Date Stion Reviewed Date Equipment Code 175-177 Maximum Design Perm	by State SCC Code 178-185 Int to Operate I ransaction 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 Stion Reviewed Date Equipment Code 175-177	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 171-17	Rec'd. State Return Date Stion Reviewed Date Equipment Code 175-177 Maximum Design Perm	by State SCC Code 178-185 Int to Operate I ransaction 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 Stion Reviewed Date Gear Equipment Code 175-177 Maximum Design Hourly Rate 193-199	by State By SCC Code 178-185 It to Operate I ransaction Date 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	Rec'd. State Return Date Stion Reviewed Date Fear Equipment Code 175-177 Maximum Design Perm 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 Staff Code VOC Code 208-210 211 212	Rec'd. State Return Date Stion Reviewed Date Tear Equipment Code Thourly Rate SIP Code 193-199 SIP Code 213 214 Return Date Reviewed Date Tear Reviewed Date Tear Reviewed Date Tear Reviewed Date Tear Reviewed Date Tear Reviewed Date Tear Regular Tear stration USE ONLY rn to Local Jurisdiction By by State By SCC Code 178-185 It to Operate I ransaction Date Month (MM/DD/YR) 200-201 202-207 tion Code Confidentiality				
AIR AND RADIA 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 Return Date Stion Reviewed Date Fear Equipment Code 175-177 Maximum Design Perm Hourly Rate 193-199 SIP Code Regular	stration USE ONLY rn to Local Jurisdiction By by State By SCC Code 178-185 Int to Operate I ransaction Date Month (MM/DD/YR) 200-201 202-207 tion Code Confidentiality 5-218 219			

Form Number: 5 Rev. 9/27/2002

TTY Users 1-800-735-2258



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
Marian Marian	LOCATION OF EQUIPMENT/PROCESS
PREMISES NAME:	Mountaire Farms of Delaware Inc Preston Grain Facility
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION
CONTACT NAME:	Kyle McConnell
JOB TITLE:	Environmental Manager
PHONE NUMBER:	(302) 841-4629
EMAIL ADDRESS:	kmcconnell@mountaire.com
DES	CRIPTION OF EQUIPMENT OR PROCESS
	Mineral oil spray system

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

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

\boxtimes	Application package cover letter describing to	the proposed project
\boxtimes	Complete application forms (Note the number applicable.)	er of forms included or NA if not
	No. 1 Form 5 No. N/A Form 5T No. N/A Form 5EP No. N/A Form 6 No. N/A Form 10	No. N/A Form 11 No. N/A Form 41 No. N/A Form 42 No. N/A Form 44
	Vendor/manufacturer specifications/guarante	ees
\boxtimes	Evidence of Workman's Compensation Insur	rance
X	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 equiprocessed and manufactured.	ivalent information for materials
	Certificate of Public Convenience and Neces from the Public Service Commission (1)	ssity (CPCN) waiver documentation
	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	

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

MARYLAND DEPARTMENT OF THE ENVIRONMENT

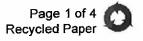
1800 Washington Blvd = Baltimore, Maryland 21230 (410) 537-3230 = 1-800-633-6101 = www.mde.state.md.us

Air and Radiation Management Administration

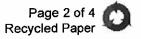
Air Quality Permits Program

Application for Permit to Construct Gas Cleaning or Emission Control Equipment

1. Owner of Installation	Telephone No. Date of Appli		Date of Application
Mountaire Farms of Delaware Inc.	(302) 841-4629 04/19/2024		
2. Mailing Address	City	Zip Code	County
P.O. Box 1320	Millsboro	19966	Sussex, DE.
3. Equipment Location	City/Town or P.	о.	County
3695 Choptank Road	Preston Caroline		
4. Signature of Owner or Operator	Title		Print or Type Name
4 hilles la	President		Phillip Plylar
5. Application Type: Alteration		New Construction	on 🔀
6. Date Construction is to Start:		Completion Date	e (Estimate):
To be decided.			
7. Type of Gas Cleaning or Emission Contro	ol Equipment:		
Simple Cyclone Multiple Cyclone	Afterburner	Electros	tatic Precipitator
Scrubber(type)	Other	(typ	e)
8. Gas Cleaning Equipment Manufacturer	facturer Model No. Collection Efficiency (Desig		ency (Design Criteria)
9. Type of Equipment which Control Equipment Will be installed in the		g elevator.	
10. Stack Test to be Conducted:			
Yes No			
(Stace	ck Test to be Conducted	Ву)	(Date)
11. Cost of Equipment			
Estimated Erection Cost			



12. The Following	Shall Be Design Cri	teria:			
	INLET				OUTLET
Gas Flow Rate		ACFM*			ACFM*
Gas Temperature		°F			°F
Gas Pressure	!	INCHES W.	G.		INCHES W.G.
	PRES	SURE DRO	P		
Dust Loading		GRAINS/AC	FD**		GRAINS/ACFD**
Moisture Content OR		%			%
Wet Bulb Temperature		°F			°F
Liquid Flow Rate (Wet Scrubber)		GALLONS/N	MINUTE		
(WHEN SCRUBBE	R LIQUID OTHER THAN	WATER INDI	ICATE COMPO	SITION	OF SCRUBBING MEDIUM IN WEIGHT %)
*=	ACTUAL CUBIC FEET	T PER MINU	JTE **:	= ACTU	AL CUBIC FEET DRY
CONCENTRATION OF	ON OF EACH POLLUT THE GASES ENTERIN	TANT IN THE	E GAS STREA	AM IN V	POLLUTANTS, PROVIDE THE OLUME PERCENT. INCLUDE THE DITHE COMPOSITION OF EXHAUSTED BLE SPACE IN ITEM 15 ON PAGE 3.
13. Particle Size An	alysis				
Size of Dust Particles I	Entering Cleaning Unit	-	% of Total Dus	<u>st</u>	% to be Collected
0 to 10 Mic	crons	-		-	
10 to 44 M	icrons	-		_	
Larger tha	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			BTU/HF	र
Diameter (or area) of Afterburner	Throat			
Combustio	n Chamber(diamete	er)	(length)	Operat	ing Temperature at Afterburner °F
Retention `	Time of Gases			-	



15. Show Location of Dust Cleaning Equipment in the System. Draw or Sketch Flow Diagram Showing Emission Path from Source to Exhaust Point to Atmosphere.	
•	
Mineral oil spray point will be located at the truck receving grain elevator and will operate when receiving all grains.	

Date Received: Local State
Acknowledgement Date:
By
Reviewed By:
Local
State
Returned to Local:
Date
By
Application Returned to Applicant:
Date
Ву
REGISTRATION NUMBER OF ASSOCIATED EQUIPMENT:
ALEGIOTIA TION ROUBLE OF AGGGGIATED EQUI INIERT
PREMISES NUMBER:
Emission Calculations Revised By Date



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

	OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Mountaire Farms of Delaware Inc.	
COMPANY ADDRESS:	NY ADDRESS: 29106 John J Williams Highway, Millsboro, Delaware 19966	
	LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Mountaire Farms of Delaware Inc Preston Grain Facility	
PREMISES ADDRESS:	3695 Choptank Road, Preston, Maryland 21655	
CONTACT	INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Kyle McConnell	
JOB TITLE:	Environmental Manager	
PHONE NUMBER:	(302) 841-4629	
EMAIL ADDRESS:	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			
\boxtimes	Complete application forms (Note the number of forms included or NA if not applicable.)			
	No. 1 Form 5 No. N/A Form 11 No. N/A Form 5T No. N/A Form 41 No. N/A Form 5EP No. N/A Form 42 No. N/A Form 6 No. N/A Form 44 No. N/A 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.			

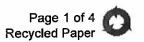
MARYLAND DEPARTMENT OF THE ENVIRONMENT

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

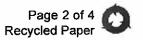
Air and Radiation Management Administration Air Quality Permits Program

Application for Permit to Construct Gas Cleaning or Emission Control Equipment

1. Owner of Installation	Telephone No.		Date of Application
Mountaire Farms of Delaware Inc.	(302) 841-4629		04/19/2024
2. Mailing Address	City	Zip Code	County
P.O. Box 1320	Millsboro	19966	Sussex, DE.
3. Equipment Location	City/Town or P	P.O.	County
3695 Choptank Road	Preston		Caroline
4. Signature of Owner or Operator	Title		Print or Type Name
JAN SOLL	President		Phillip Plylar
5. Application Type: Alteration		New Construction	<u> </u>
6. Date Construction is to Start:		Completion Date	(Estimate):
To be decided.			
7. Type of Gas Cleaning or Emission Control	Equipment:		
Simple Cyclone Multiple Cyclone	Afterburne	r Electrost	atic Precipitator
Scrubber(type)	Other	(type	e)
8. Gas Cleaning Equipment Manufacturer	Model No.	Collection Efficie	ncy (Design Criteria)
9. Type of Equipment which Control Equipme Dust control baffle system will be installed in t	nt is to Service: he grain truck rec	ceiving pit.	
10. Stack Test to be Conducted:			
Yes No 🗙			
(Stack	k Test to be Conducted	l By)	(Date)
11. Cost of Equipment			
Estimated Erection Cost			



INLET Gas Flow Rate ACFM* ACFM* Gas Temperature °F Gas Pressure INCHES W.G. PRESSURE DROP Dust Loading GRAINS/ACFD** Moisture Content OR Wet Bulb Temperature °F Liquid Flow Rate (Wet Scrubber) (WHEN SCRUBBER LIQUID OTHER THAN WATER INDICATE COMPOSITION OF SCRUBBING MEDIUM IN WEIGHT %) *= ACTUAL CUBIC FEET PER MINUTE **= ACTUAL CUBIC FEET DRY WHEN APPLICATION INVOLVES THE REDUCTION OF GASEOUS POLLUTANTS, PROVIDE THE CONCENTRATION OF EACH POLLUTANT IN THE GAS STREAM IN VOLUME PERCENT. INCLUDE THE COMPOSITION OF THE GASES ENTERING THE CLEANING DEVICE AND THE COMPOSITION OF EXHAUSTED GASES BEING DISCHARGED INTO THE ATMOSPHERE. USE AVAILABLE SPACE IN ITEM 15 ON PAGE 3.
Gas Temperature
Gas Pressure INCHES W.G. INCHES W.G. PRESSURE DROP Dust Loading GRAINS/ACFD** GRAINS/ACFD** Moisture Content % % % OR Wet Bulb Temperature °F °F Liquid Flow Rate GALLONS/MINUTE (Wet Scrubber) (WHEN SCRUBBER LIQUID OTHER THAN WATER INDICATE COMPOSITION OF SCRUBBING MEDIUM IN WEIGHT %) *= ACTUAL CUBIC FEET PER MINUTE **= ACTUAL CUBIC FEET DRY WHEN APPLICATION INVOLVES THE REDUCTION OF GASEOUS POLLUTANTS, PROVIDE THE CONCENTRATION OF EACH POLLUTANT IN THE GAS STREAM IN VOLUME PERCENT. INCLUDE THE COMPOSITION OF THE GASES ENTERING THE CLEANING DEVICE AND THE COMPOSITION OF EXHAUSTED
Dust Loading GRAINS/ACFD** GRAINS/ACFD** Moisture Content % % % OR Wet Bulb Temperature °F * Liquid Flow Rate GALLONS/MINUTE (Wet Scrubber) (WHEN SCRUBBER LIQUID OTHER THAN WATER INDICATE COMPOSITION OF SCRUBBING MEDIUM IN WEIGHT %) *= ACTUAL CUBIC FEET PER MINUTE **= ACTUAL CUBIC FEET DRY WHEN APPLICATION INVOLVES THE REDUCTION OF GASEOUS POLLUTANTS, PROVIDE THE CONCENTRATION OF EACH POLLUTANT IN THE GAS STREAM IN VOLUME PERCENT. INCLUDE THE COMPOSITION OF THE GASES ENTERING THE CLEANING DEVICE AND THE COMPOSITION OF EXHAUSTED
Dust Loading GRAINS/ACFD** Moisture Content
Moisture Content
OR Wet Bulb Temperature °F °F Liquid Flow Rate GALLONS/MINUTE (Wet Scrubber) (WHEN SCRUBBER LIQUID OTHER THAN WATER INDICATE COMPOSITION OF SCRUBBING MEDIUM IN WEIGHT %) *= ACTUAL CUBIC FEET PER MINUTE **= ACTUAL CUBIC FEET DRY WHEN APPLICATION INVOLVES THE REDUCTION OF GASEOUS POLLUTANTS, PROVIDE THE CONCENTRATION OF EACH POLLUTANT IN THE GAS STREAM IN VOLUME PERCENT. INCLUDE THE COMPOSITION OF THE GASES ENTERING THE CLEANING DEVICE AND THE COMPOSITION OF EXHAUSTED
Wet Bulb Temperature °F °F Liquid Flow Rate GALLONS/MINUTE (Wet Scrubber) (WHEN SCRUBBER LIQUID OTHER THAN WATER INDICATE COMPOSITION OF SCRUBBING MEDIUM IN WEIGHT %) *= ACTUAL CUBIC FEET PER MINUTE **= ACTUAL CUBIC FEET DRY WHEN APPLICATION INVOLVES THE REDUCTION OF GASEOUS POLLUTANTS, PROVIDE THE CONCENTRATION OF EACH POLLUTANT IN THE GAS STREAM IN VOLUME PERCENT. INCLUDE THE COMPOSITION OF THE GASES ENTERING THE CLEANING DEVICE AND THE COMPOSITION OF EXHAUSTED
(Wet Scrubber) (WHEN SCRUBBER LIQUID OTHER THAN WATER INDICATE COMPOSITION OF SCRUBBING MEDIUM IN WEIGHT %) *= ACTUAL CUBIC FEET PER MINUTE **= ACTUAL CUBIC FEET DRY WHEN APPLICATION INVOLVES THE REDUCTION OF GASEOUS POLLUTANTS, PROVIDE THE CONCENTRATION OF EACH POLLUTANT IN THE GAS STREAM IN VOLUME PERCENT. INCLUDE THE COMPOSITION OF THE GASES ENTERING THE CLEANING DEVICE AND THE COMPOSITION OF EXHAUSTED
(WHEN SCRUBBER LIQUID OTHER THAN WATER INDICATE COMPOSITION OF SCRUBBING MEDIUM IN WEIGHT %) *= ACTUAL CUBIC FEET PER MINUTE
WHEN APPLICATION INVOLVES THE REDUCTION OF GASEOUS POLLUTANTS, PROVIDE THE CONCENTRATION OF EACH POLLUTANT IN THE GAS STREAM IN VOLUME PERCENT. INCLUDE THE COMPOSITION OF THE GASES ENTERING THE CLEANING DEVICE AND THE COMPOSITION OF EXHAUSTED
CONCENTRATION OF EACH POLLUTANT IN THE GAS STREAM IN VOLUME PERCENT. INCLUDE THE COMPOSITION OF THE GASES ENTERING THE CLEANING DEVICE AND THE COMPOSITION OF EXHAUSTED
13. Particle Size Analysis
Size of Dust Particles Entering Cleaning Unit % of Total Dust % to be Collected
0 to 10 Microns
10 to 44 Microns
Larger than 44 Microns
14. For Afterburner Construction Only:
Volume of Contaminated Air CFM (DO NOT INCLUDE COMBUSTION AIR)
Gas Inlet Temperature °F
Capacity of Afterburner BTU/HR
Diameter (or area) of Afterburner Throat
Combustion Chamber Operating Temperature at Afterburner °F (diameter) (length)
Retention Time of Gases



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

Date Received: Local	State
A also accele also access to 50 to	
Acknowledgement Date:	
Ву	
Reviewed By:	
Local	
State	
Returned to Local:	
Date	
Ву	
Application Returned to Applicant:	
Date	
Ву	
REGISTRATION NUMBER OF ASSOCIATED EQUIPMENT:	
PREMISES NUMBER:	
Emission Calculations Revised By	Date

Phone: 410 673 7929
Fax: 410 673 2963
Email: prestonmanager@prestonmaryland.us

PRESTON PLANNING & ZONING BOARD

P O BOX 91 PRESTON, MARYLAND 21655

Date:5-10-2024		Zonin	g Type:	:I	_	
Address:3695 Choptank Road						
Owner/s Name:Mountaire Farms						
Address:PO BOX 1230					12.	
Town:Millsboro	_State: _	DE	_Zip:	_19966		
Phone:	_ Cell: _					

SECTION 26 "I" INDUSTRIAL ZONE

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

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

a. Permitted uses:

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

- 9. Trucking and freight stations, terminals and storage yards.
- 10. Manufacture or assembling from prepared materials of the following: musical instruments, clocks or watches, toys or novelties, electronic devices, light sheet metal products, machine tools and machinery not requiring the use of a punch press over one hundred (100) tons rated capacity or drop hammer, office equipment.
- 11. Building material sales yard, including the sales of rock, sand, gravel, and the like as an incidental part of the main business, and contractors equipment storage yard or plant.
- b. The following are permitted as accessory uses and structures:
 - 1. Retail sale of products manufactured or processed on the premises.
- 2. Other accessory uses and structures clearly incidental and customary to and associated with the permitted use.

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

Signature of Official: <u>Amber Fore 11</u>

Title: <u>Fore 10 - 2024</u>

Date: <u>5-10-2024</u>

MARYLAND DEPARTMENT OF THE ENVIRONMENT

AIR AND RADIATION ADMINISTRATION APPLICATION FOR A PERMIT TO CONSTRUCT

SUPPLEMENT TO DOCKET # 05-24

COMPANY: Mountaire Farms of Delaware, Inc.

LOCATION: 3695 Choptank Rd., Preston, MD 21655

APPLICATION: A grain drying and handling facility.

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

MARYLAND DEPARTMENT OF THE ENVIRONMENT AIR AND RADIATION ADMINISTRATION

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

FIRST NOTICE

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

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

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

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

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

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

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

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

Christopher R. Hoagland, Director Air and Radiation Administration

MARYLAND DEPARTMENT OF ENVIRONMENT AIR AND RADIATION ADMINISTRATION

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

EXISTING INSTALLATION - PRESTON GRAIN FACILITY

I. INTRODUCTION

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

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

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

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

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

II. CURRENT STATUS of INSTALLATION

Existing Installation

The installation is a grain drying and handling facility. Particulate emissions are controlled by application of mineral oil to all grain as it is received, the Truck Receiving Pit will be equipped with a wings baffle system, certain emission units will be enclosed, and the equipment associated with Grain Shipping will be equipped with dust socks. The natural gas direct fired dryer will have a mesh screen to control particulate emissions.

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

III. APPLICABLE REGULATIONS

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

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

IV. GENERAL AIR QUALITY

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

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

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

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

V. ENVIRONMENTAL JUSTICE ANALYSIS

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

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

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

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

established for short-term exposure (TLV – STEL), and some are established for longer-term exposure (TLV – TWA), where TWA is an acronym for time-weight average.

¹ TLVs are threshold limit values (exposure limits) established for toxic materials by the American Conference of Governmental Industrial Hygienists (ACGIH). Some TLVs are

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

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

VI. COMPLIANCE DEMONSTRATION AND ANALYSIS

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

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

VII. TENTATIVE DETERMINATION

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

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

TABLE I
PROJECTED MAXIMUM EMISSIONS FROM THE INSTALLATION

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

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

POLLUTANTS	BACKGROUND AMBIENT AIR CONCENTRATIONS INCLUDING IMPACT FROM EXISTING FACILITY* (µg/m³)**	NATIONAL AMBIENT AIR QUALITY STANDARDS (NAAQS) (µg/m³)
Nitrogen Dioxide (NO ₂)	annual avg.→ 26.5	annual avg.→ 100
Carbon Monoxide (CO)	8-hr max.→ 1265 1-hr max.→ 2990	8-hr max.→ 10,000 1-hr max.→ 40,000
Sulfur Dioxide (SO ₂)	24-hour max.→ 5.0 annual avg.→0.8	24-hour max.→ 366 annual avg.→ 78.5
Particulate Matter (PM ₁₀)	24-hr max.→ 101	24-hr max.→ 150

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

 NO_2 , \rightarrow Lochearn monitor located at 4380 Old Court Rd., highest 2023 Maryland value CO and $SO_2 \rightarrow$ Essex monitor located at 600 Dorsey Rd., highest 2023 Maryland value $PM_{10} \rightarrow$ Monitor Located at 3900 Hillen Rd., highest 2023 Maryland value

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

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

TOXIC AIR POLLUTANTS	SCREENING LEVELS (μg/m³)	PROJECTED WORST-CASE FACILITY-WIDE EMISSIONS (lbs/hr)	PREDICTED MAXIMUM OFF-SITE GROUND LEVEL CONCENTRATIONS (µg/m³)
Benzene	1-hour→ 79.87 8-hour→ 15.97 Annual→ 1.30	6.85E-05	1-hour→ 4.84E-03 8-hour→ 3.39E-03 Annual→ 3.87E-04
Formaldehyde	1-hour→ None 8-hour→ 20.3 Annual→ 0.80	2.76E-03	1-hour→ None 8-hour→ 1.37E-01 Annual→ 1.56E-02
n-Hexane	1-hour→ None 8-hour→ 1762.37 Annual→ None	6.64E-02	1-hour→ None 8-hour→ 3.29 Annual→ None
Naphthalene	1-hour→ 786.44 8-hour→ 524.29 Annual→ None	2.28E-05	1-hour→ 1.61E-03 8-hour→ 1.13E-03 Annual→ None
Toluene	1-hour→ None 8-hour→753.62 Annual→ None	1.14E-04	1-hour→ None 8-hour→ 5.64E-03 Annual→ None
Cadmium	1-hour→ None 8-hour→0.02 Annual→ 0.006	4.57E-05	1-hour→ None 8-hour→ 2.26E-03 Annual→ 2.58E-04
Chromium VI	1-hour→ None 8-hour→ 0.10 Annual→ 0.0008	4.57E-05	1-hour→ None 8-hour→ 2.26E-03 Annual→ 2.58E-04
Manganese	1-hour→ None 8-hour→ 2.00 Annual→ None	2.28E-05	1-hour→ None 8-hour→ 1.13E-03 Annual→ None
Nickel	1-hour→ None 8-hour→1.00 Annual→ None	6.85E-05	1-hour→ None 8-hour→ 3.39E-03 Annual→ None

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

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

Wes Moore Serena McIlwain

Air and Radiation Administration

1800 Washington Boulevard, Suite 720 Baltimore, MD 21230

⊠ Construction Permit	Operating Permit			
PERMIT NO. As listed on Page 2	DATE ISSUED: TBD			
PERMIT FEE: 2000.00	EXPIRATION DATE: In accordance with COMAR 26.11.02.04B			
LEGAL OWNER & ADDRESS Mountaire Farms of Delaware, Inc. 29106 John J. Williams Highway Millsboro, DE 19966 Attention: Mr. Kyle McConnell, Environmental Manager	SITE Mountaire Farms of Delaware, Inc. – Preston Grain Facility 3695 Choptank Road Preston, MD 21655 AI # 182693			
This permit authorizes the installation of one (1	SOURCE DESCRIPTION 1) grain drying and handling facility.			
This source is subject to the cond	ditions described on the attached pages.			
Pa	ge 1 of 20			
Program Manager Director, Air and Radiation Administration				

INDEX

Part A – General Provisions

Part B – Applicable Regulations

Part C – Construction Conditions

Part D - Operating Conditions

Part E - Notifications, Testing and Monitoring

Part F - Record Keeping and Reporting

Part G – Temporary Permit-To-Operate Conditions

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

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

ARA Registration Number	Emission Unit No.	Emissions Unit Name and	Date of
Nullibei	EU 12	Description Tank 12, Metal dry grain storage	Installation Pre-2024
	LO 12	tank, 190,000 bushel capacity.	F1 6- 2024
	EU 15	Wet Tank 1, Metal wet grain	Pre-2024
		storage tank, 15,000 bushel	
		capacity.	
	EU 16	Wet Tank 2, Metal wet grain	Pre-2024
		storage tank, 15,000 bushel	
		capacity.	
	EU 17	Wet Tank 3, Metal wet grain	Pre-2024
		storage tank, 15,000 bushel	
		capacity.	
		ain Dryer	
		er emission source, with particulate	
		ns when received and a mesh scre	
011-0127-8-0028	EU 18	Grain Dryer 1, BCT Model 3500	Pre-2024
		grain dryer, with a 37.6	
		MMBtu/hr direct fired natural	
	0	gas burner.	
044 0407 0 0000		n Receiving	D 0004
011-0127-8-0029	EU 19	Truck Receiving Pit 1, below	Pre-2024
		grade grain pit where grain is	
		unloaded, 450 bushel capacity,	
		fugitive particulate emission source controlled by wings	
		baffle system.	
	EU 20	Receiving Pit Drag, Drag that	Pre-2024
	LU 20	takes the grain from the	1 10-2024
		receiving pit and transfers it to	
		the grain receiving elevator leg,	
		dust controlled by mineral oil	
		applied to all grains when	
		received and an enclosure.	
Grain Handling			
Fugitive particulate matter emission sources controlled by an enclosure and mineral oil			
applied to all grains		,	
011-0127-8-0030	EU 21	Grain Receiving Leg, Unit is	Pre-2024
		attached to the grain receiving	
		pit, this receiving leg transfers	

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

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

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

ARA Registration Number	Emission Unit No.	Emissions Unit Name and Description	Date of Installation
Nambor	Gra	in Shipping	motunation
Fugitive particulate		ssions controlled by mineral oil app	lied to all
grains when receive		, 11	
011-0127-8-0031	EU 46	Load Out Tank 1, Metal dry	Pre-2024
		grain storage tank – surge tank,	
		5,000 bushel capacity.	
	EU 47	Load Out Tank 2, Metal dry	Pre-2024
		grain storage tank – surge tank,	
		5,000 bushel capacity.	
	EU 48	#12 Tunnel Drag, Grain	Pre-2024
		transferring equipment that	
		carries grain away from a	
		storage tank to be transferred to	
		a load out device or another	
		storage tank, 9,500 bushels/hr	
		capacity.	
	EU 49	#10/11 Transfer Drag, Grain	Pre-2024
		transferring equipment that	
		carries grain away from a	
		storage tank to be transferred to	
		a load out device or another	
		storage tank, 5,000 bushels/hr	
	EU 50	capacity.	Pre-2024
	EU 30	#5/6 Transfer Drag, Grain transferring equipment that	P16-2024
		carries grain away from a	
		storage tank to be transferred to	
		a load out device or another	
		storage tank, 5,000 bushels/hr	
		capacity.	
	EU 51	#6 Transfer Drag, Grain	Pre-2024
		transferring equipment that	
		carries grain away from a	
		storage tank to be transferred to	
		a load out device or another	
		storage tank, 5,000 bushels/hr	
		capacity.	
	EU 52	#7/4 Transfer Drag, Grain	Pre-2024
		transferring equipment that	

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

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

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

Part A - General Provisions

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

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

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

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

Part B – Applicable Regulations

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

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

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

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

and

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

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

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

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

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

Part C – Construction Conditions

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

Part D – Operating Conditions

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

[Reference: COMAR 26.11.18.03A(2)]

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

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

[Reference: 40 CFR §60.302]

Part E - Notifications, Testing and Monitoring

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

[Reference: 40 CFR §60.302]

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

Part F - Record Keeping and Reporting

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

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

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

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

- (c) The person responsible for a certification of emissions shall certify the submittal to the Department in the following manner:
 - "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."
- (5) The Permittee shall submit to the Department by April 1 of each year a written certification of the results of an analysis of emissions of toxic air pollutants from the Permittee's facility during the previous calendar year. Such analysis shall include either:
 - (a) a statement that previously submitted compliance demonstrations for emissions of toxic air pollutants remain valid; or
 - (b) a revised compliance demonstration, developed in accordance with requirements included under COMAR 26.11.15 & 16, that accounts for changes in operations, analytical methods, emissions determinations, or other factors that have invalidated previous demonstrations.
- (6) The Permittee shall report, in accordance with requirements under COMAR 26.11.01.07, occurrences of excess emissions to the Compliance Program of the Air and Radiation Administration.

Part G – Temporary Permit-to-Operate Conditions

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

MARYLAND DEPARTMENT OF THE ENVIRONMENT

AIR AND RADIATION ADMINISTRATION

SUPPLEMENTAL INFORMATION REFERENCES

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

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

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

http://www.ecfr.gov

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

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

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

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

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

http://www.epa.gov/scram001/dispersion screening.htm

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

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

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

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