



**BASIC
AIR CONTAMINANT DISCHARGE PERMIT**

Lane Regional Air Protection Agency
1010 Main Street
Springfield, OR 97477
(541) 736-1056

This permit is being issued in accordance with the provisions of LRAPA's Rules and Regulations and based on the land use compatibility findings included in the permit record.

ISSUED TO:

Danone North America
1130 Shelley Street
Springfield, OR 97477

INFORMATION RELIED UPON:

Application No.: 66689, 67214
Date Received: 1/11/21, 5/19/21

PLANT SITE LOCATION:

Turtle Mountain, LLC – Plant 3
4660 Main St. Bldg. C Suite 460
Springfield, OR 97478

**LAND USE COMPATIBILITY
STATEMENT:**

Approving Authority: City of Springfield
Approval Date: 03/08/2011

ISSUED BY THE LANE REGIONAL AIR PROTECTION AGENCY

Steven A. Dietrich

Steven A. Dietrich, Director

7-8-21

Dated

Source(s) Permitted to Discharge Air Contaminants (LRAPA Section 37-0020):

Table 1 Code	Source Description	SIC
Part A, 8.	Sources not elsewhere classified with actual emissions of more than 1 ton/year VOC and/or HAP.	2024

1.0 STATEMENT OF PURPOSE

- 1.1 Permitted Activities** The permittee is allowed to discharge air contaminants from processes and activities related to the air contaminant source(s) listed on the first page of this permit until this permit expires, is modified, revoked or rescinded as long as the permittee complies with the conditions of this permit.

2.0 GENERAL EMISSION STANDARDS AND LIMITS

- 2.1 Production limits** The permittee is prohibited from processing 20,000 or more tons of desiccated coconut per year without first notifying LRAPA.
- 2.2 Visible emission limits** Emissions from any air contaminant source must not equal or exceed 20% opacity for a period aggregating more than 3 minutes in any one hour. "Opacity" means the degree to which emissions, excluding uncombined water, reduce transmission of light and obscure the view of an object in the background.
- 2.3 Particulate Matter Weight Standards** Particulate matter emissions from any air contaminant source must not exceed 0.10 grains per dry standard cubic foot, adjusted to 50 percent excess air for fuel burning equipment that burns fuels other than wood.
- 2.4 Particulate Emission Limitations for Sources Other Than Fuel Burning Equipment** Particulate matter emissions from any air contaminant source must not exceed 0.10 grains per dry standard cubic foot.
- 2.5 Process Weight Emission Limitation** The permittee must not cause, suffer, allow, or permit the emissions of particulate matter in any one hour from any process in excess of the amount shown in LRAPA Section 32-8010, for the process weight rate allocated to such process.
- 2.6 Particulate Matter Fallout** The permittee must not cause or permit the emission of particulate matter larger than 250 microns in size at sufficient duration or quantity as to create an observable deposition upon the real property of another person.
- 2.7 Nuisance and Odors** The permittee must not cause or allow air contaminants from any source subject to regulation by LRAPA to cause a nuisance. Nuisance conditions will be verified by LRAPA

personnel.

2.8 Other Regulations

In addition to the specific requirements listed in this permit, the permittee must comply with all other legal requirements enforceable by LRAPA.

3.0 RECORDKEEPING AND REPORTING REQUIREMENTS

3.1 Records

The permittee must maintain records of the information identified in Condition 3.2 for at least five (5) years from the date of the record.

3.2 Reports

The permittee is required to report to LRAPA by **February 15th** of each year the following information:

- a. The total amount of desiccated coconut per year, in tons during the previous calendar year.
- b. Records of any changes to the carbon air filtration system, (e.g., carbon replacement) during the previous calendar year.

3.3 Permit Renewal

An application to renew the existing permit is due by no later than 30 days prior to the expiration date of a Basic ACDP.

3.4 Construction or Modification Notices

The permittee must notify LRAPA before adding new or modifying existing equipment to the extent that process equipment is substantially changed or added to, or emissions are significantly changed or increased.

3.5 Notice of Change of Ownership or Company Name

The permittee must promptly notify LRAPA of any change of mailing address, company name, or plant ownership. The permit will expire 60 days after a change in the legal entity owning/operating the facility unless application, with appropriate fees, is made to transfer the permit to the new entity.

3.6 Where to Send Reports and Notices

The reports and notices, with the permit number prominently displayed, must be sent to the LRAPA office identified on the cover page of the permit.

4.0 FEES

4.1 Fees

The Annual Fees specified in LRAPA Section 37-8020, Table 2, Part 2 and Part 3 for a Basic ACDP are due on **December 1** of each year this permit is in effect. An invoice indicating the amount, as determined by LRAPA regulations, will be mailed prior to the above date.

5.0 GENERAL CONDITIONS

- 5.1 Masking of Emissions** The permittee must not cause or permit the installation of any device or use any means designed to mask the emissions of an air contaminant that causes or is likely to cause detriment to health, safety, or welfare of any person or otherwise violate any other regulation or requirement.
- 5.2 Outdoor Burning** The permittee may not conduct any outdoor burning except as allowed by LRAPA Title 47.
- 5.3 Asbestos** All activities involving asbestos-containing materials, including, but not limited to, demolition, renovation, repair, construction, and maintenance must be performed by persons certified for asbestos abatement projects. Accumulation of asbestos containing material is prohibited. If you have asbestos questions, contact the LRAPA office identified below.
- 5.4 Permit Availability** The permittee must have a copy of the permit available at all times.
- 5.5 LRAPA Inspections** The permittee must allow the LRAPA's representatives access to the plant site and pertinent records at all reasonable times for the purposes of performing inspections, surveys, collecting samples, obtaining data, reviewing and copying air contaminant emissions discharge records and conducting all necessary functions related to this permit in accordance with ORS 468.095.
- 5.6 Legal Disclaimers** The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.
- 5.7 Permit Revocation** This permit is subject to revocation for cause as provided in LRAPA Section 37-0082.
- 5.8 LRAPA Contact** Call the LRAPA office in Springfield at (541) 736-1056.



Lane Regional Air Protection Agency

**BASIC
 AIR CONTAMINANT DISCHARGE PERMIT
 REVIEW REPORT**

Danone North America - Turtle Mountain, LLC-Plant 3
 4660 Main St. Bldg. C Suite 360
 Springfield, OR 97478

Reports			NSPS	NESHAP	Public Notice
Annual	Semi-annual	Excess Emissions			
Feb 15	NA	NA	NA	NA	I

1. The proposed permit is a renewed permit for an existing facility that was first permitted by LRAPA on March 11, 2011 at 4660 Main St. Bldg. C Suite 360 in Springfield, Oregon.
2. The permittee operates a coconut non-dairy ice cream base processing facility.
3. The predominate industrial classifications for this facility are SIC Code: 2024 – Ice Cream and Frozen Desserts and NAICS Code: 311520 - Ice Cream and Frozen Desserts Manufacturing. The natural gas-fired boiler at this facility has secondary industrial classifications of SIC Code: 4961 - Steam and Air-Conditioning Supply and NAICS Code: 221330 - Steam and Air-Conditioning Supply.
4. The significant emission units at the facility consist of desiccated coconut processing controlled by a carbon air filter. The first processing operation began in September of 2010. The natural gas-fired boiler has a heat input capacity of 1 MMBtu per hour and is considered categorically insignificant according to the definition in LRAPA's title 12.
5. This facility qualifies for a Basic ACDP under Table 1, Part A:8. because the facility is not elsewhere classified with actual emissions of more than one (1) ton/year VOC and/or HAP.
6. The facility is not subject to any New Source Performance Standard (NSPS).
7. The facility is an area source of federal hazardous air pollutants. The facility is not subject to a major or area source National Emission Standard for Hazardous Air Pollutants (NESHAP), including 40 CFR 63 subpart JJJJJJ (6J) - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers.
8. The facility is located in an area that has been designated as attainment/unclassified for



PM_{2.5}, ozone (VOC), NO₂, SO₂, Pb and a maintenance area for CO and PM₁₀.

9. LRAPA has determined that sources that qualify for a Basic ACDP will not have significant emissions. In most cases, the emissions will not exceed 5 tons of PM or PM₁₀ or 10 tons of any other pollutant. Therefore, the Basic ACDP does not include Plant Site Emission Limits and it is not necessary to estimate emissions for each individual source.

10. Pursuant to LRAPA Subsection 37-0056(4), issuance of a new or renewed Basic Air Contaminant Discharge Permit requires public notice in accordance with LRAPA Paragraph 31-0030(3)(a). Therefore, there will be no prior notice or public participation. However, LRAPA will maintain a list of all permit actions processed under Category I and make the list available for public review.

MKH/rcr
05/21/2021



Turtle Mountain Emissions Calculations				
CEREAL PRODUCTION				
	Emission Factor (lbs/ton)	Current	Limit	
PM ⁽¹⁾	0.2	0.2	2.0	
PM ₁₀	0.2	0.2	2.0	
PM _{2.5}	0.2	0.2	2.0	
VOC ⁽²⁾	1	1.0	10.0	
Calculations based on:				
Current Production	2000 tons/yr		Filter efficiency	99.99
Production Limit	20000 tons/yr			
(1)	<p>No specific emissions factors for particulate matter (PM/PM₁₀/PM_{2.5}) are available for this process. A conservative factor was used to ensure the facility does not exceed the significant emission rate for these pollutants. The factor is considered conservative because most emission points are controlled by fabric filters rated at 99.99% efficiency and emission factors for similar processes do not suggest there are expected emissions at this level. VOC will trigger additional permitting requirements before particulate matter.</p>			
(2)	<p>VOC emission factor based on other food processing emission factors found in "EMEP/EEA air pollutant emission inventory guidebook — 2009 Chapter 2.D.2 Food and drink"</p>			
NATURAL GAS COMBUSTION				
Boiler Maximum Heat Input Design Rate (PTE)	1 MMBtu/hr		8.9 MMscf/yr	
This unit is categorically insignificant according to the definition in LRAPA title 12				