

**LANE REGIONAL AIR PROTECTION AGENCY**

1010 Main Street, Springfield, Oregon 97477

Telephone: (541) 736-1056

Toll Free: (877) 285-7272

Fax: (541) 726-1205

Web Page: [www.lrapa.org](http://www.lrapa.org)

**SIMPLE AIR CONTAMINANT DISCHARGE PERMIT**

Issued in accordance with provisions of Title 37, Lane Regional Air Protection Agency's Rules and Regulations, and based on the land use compatibility findings included in the permit record.

Issued To:

**Grain Millers, Inc.**  
315 Madison Street  
Eugene, Oregon 97402

Land Use Compatibility Statement:

From: City of Eugene  
Date: March 2, 1999

Mailing Address:

315 Madison Street  
Eugene, Oregon 97402

Fee Basis:

Title 37, Table 1, Part B:  
17 – Cereal Preparation

Permit Number: 203136

Permit Type: Simple "high"

SIC: 2043 Cereal Preparation  
4691 Boiler

Date Renewal: September 16, 2014

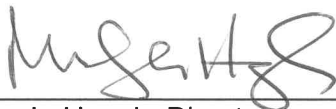
Expiration Date: September 16, 2019

Modified Date: August 23, 2018

Permitted Sources:

Cereal Preparation including:  
22 Filters  
Kiln Dryer & Pellet Cooler Cyclone  
4 Storage Silos with Baghouses  
Grain Receiving  
2 Natural Gas-Fired Boilers

**ISSUED BY THE LANE REGIONAL AIR PROTECTION AGENCY**



Merlyn L. Hough, Director

AUG 23 2018

Dated

**ADDENDUM NO. 3**

**Non-NSR/PSD Basic Technical Permit Modification**

In accordance with Section 37-0064(4)(b)(A) of LRAPA's Rules and Regulations, the following changes have been made to the Simple Air Contaminant Discharge Permit No. 203136:

- The installation of a filter receiver on the roof of the 8<sup>th</sup> floor mill tower to pneumatically receive "work in process" (WIP) grain via railcars for finishing into finished product. New Emissions Unit No. 31 – WIP Receiving Filter was added to the table in Condition 2.

Emission Unit Description

2. The emission units regulated by this permit are the following:

Emission Unit	Pollutant Emitted
No. 1 – Kiln Dryer & Pellet Cooler Cyclone	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 3 – Roof Filter #2	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 4 – Roof Filter #1	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 5 – #1 Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 6 – #2 Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 7 – Flakeline Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 8 – Hammermill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 9 – Mixplant Filter #1	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 10 – Mixplant Filter #2	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 11 – Four Flour Silos (1-4) with Baghouses	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 12 – Grain Receiving	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 13 – Natural Gas-Fired Boiler (6.7 MM Btu/hr or less)	PM, PM <sub>10</sub> , PM <sub>2.5</sub> , CO, and NO <sub>x</sub>
No. 14 – Natural Gas-Fired Boiler (7.8 MM Btu/hr or less)	PM, PM <sub>10</sub> , PM <sub>2.5</sub> , CO, and NO <sub>x</sub>
No. 16 – MPF G-Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 17 – MPF General Aspiration Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 18 – Filtrated Storage Bin	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 19 – Relocated Specialty Cleaning Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 20 – Whole Oat Flour Hammermill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 21 – Specialty Flour Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 23 – MPF Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 24 – Groats Cooler/Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 25 – R-Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 26 – #2 G-Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 27 – Filtered Storage Bin #2	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 28 – Classifier Baghouse Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 29 – Flake Line 2 Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 30 – Phoenix Air System	PM, PM <sub>10</sub> , PM <sub>2.5</sub> , CO, and NO <sub>x</sub>
*No. 31 – WIP Receiving Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>

\*New Emission Unit

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From: City of Eugene  
Date: March 2, 1999

Mailing Address:

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Eugene, Oregon 97402

Fee Basis:

Title 37, Table 1, Part B:  
17 – Cereal Preparation

Permit Number: 203136

Permit Type: Simple "high"

SIC: 2043 Cereal Preparation  
4691 Boiler

Date Renewal: September 16, 2014

Expiration Date: September 16, 2019

Modified Date: April 17, 2018

Permitted Sources:

Cereal Preparation including:  
21 Filters  
Kiln Dryer & Pellet Cooler Cyclone  
4 Storage Silos with Baghouses  
Grain Receiving  
2 Natural Gas-Fired Boilers

**ISSUED BY THE LANE REGIONAL AIR PROTECTION AGENCY**



Merlyn L. Hough, Director

APR 17 2018

Dated

**ADDENDUM NO. 2**

**Non-NSR/PSD Basic Technical Permit Modification**

In accordance with Section 37-0064(4)(b)(A) of LRAPA's Rules and Regulations, the following changes have been made to the Simple Air Contaminant Discharge Permit No. 203136:

- The Whole Oat Flour Filter (EU: No. 20) filter system was rerouted so that the Whole Oat Flour Hammermill Filter (Buhler filter) now vents to the exterior instead of the Whole Oat Flour filter (Rolfes filter). Emission unit No. 20 was renamed to reflect the change to the filter system.

- The installation of an air makeup furnace equipped with an indirect natural gas burner for warming processing air entering the building. The heating unit has a maximum input rating of 3.75 MMBtu per hour and will be operated 24 hours a day, 182 days a year (only operated 6 months annually).

Emission Unit Description

1. The emission units regulated by this permit are the following:

Emission Unit	Pollutant Emitted
No. 1 – Kiln Dryer & Pellet Cooler Cyclone	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 3 – Roof Filter #2	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 4 – Roof Filter #1	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 5 – #1 Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 6 – #2 Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 7 – Flakeline Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 8 – Hammermill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 9 – Mixplant Filter #1	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 10 – Mixplant Filter #2	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 11 – Four Flour Silos (1-4) with Baghouses	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 12 – Grain Receiving	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 13 – Natural Gas-Fired Boiler (6.7 MM Btu/hr or less)	PM, PM <sub>10</sub> , PM <sub>2.5</sub> , CO, and NO <sub>x</sub>
No. 14 – Natural Gas-Fired Boiler (7.8 MM Btu/hr or less)	PM, PM <sub>10</sub> , PM <sub>2.5</sub> , CO, and NO <sub>x</sub>
No. 16 – MPF G-Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 17 – MPF General Aspiration Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 18 – Filtrated Storage Bin	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 19 – Relocated Specialty Cleaning Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 20 – Whole Oat Flour Hammermill Filter*	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 21 – Specialty Flour Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 23 – MPF Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 24 – Groats Cooler/Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 25 – R-Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 26 – #2 G-Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 27 – Filtered Storage Bin #2	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 28 – Classifier Baghouse Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 29 – Flake Line 2 Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 30 – Phoenix Air System**	PM, PM <sub>10</sub> , PM <sub>2.5</sub> , CO, and NO <sub>x</sub>

\*Emission unit renamed and filter system rerouted.

\*\*New Emission Unit

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Issued in accordance with provisions of Title 37, Lane Regional Air Protection Agency's Rules and Regulations, and based on the land use compatibility findings included in the permit record.

Issued To:  
**Grain Millers, Inc.**  
315 Madison Street  
Eugene, Oregon 97402

Land Use Compatibility Statement:  
Approving Authority: City of Eugene  
Approval Date: March 2, 1999


Mailing Address:  
315 Madison Street  
Eugene, Oregon 97402

Fee Basis:  
Title 37, Table 1, Part B:  
17 – Cereal Preparation

Permit Number: 203136  
Permit Type: Simple "high"  
SIC: 2043 Cereal Preparation  
4691 Boiler  
Date Renewed: September 16, 2014  
Expiration Date: September 16, 2019  
Modified Date: March 30, 2017

Permitted Sources:  
Cereal Preparation including:  
21 Filters  
Kiln Dryer & Pellet Cooler Cyclone  
4 Storage Silos with Baghouses  
Grain Receiving  
2 Natural Gas-fired Boilers

**ISSUED BY THE LANE REGIONAL AIR PROTECTION AGENCY**

  
\_\_\_\_\_  
Merilyn L. Hough, Director

MAR 30 2017  
\_\_\_\_\_  
Dated

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**ADDENDUM NO. 1**  
**Non-NSR/PSD Simple Technical Permit Mod**

In accordance with Section 37-0064-5.B-1 of the LRAPA's Rules and Regulations, the following changes have been made to the Simple Air Contaminant Discharge Permit No. 203136.

- Replace existing Flake Line Filter (EU: No. 7) and Flake Line Filter #2 (EU: No. 15) with a new single larger filter that combines both emission units into new emission unit No. 7.
- Replace existing Specialty Flour Mill Filter (EU: No. 21) and Prater Mill Filter (EU: No. 22) with a new filter and combines both emission units into new emission unit No. 21.
- Replace filter of the Whole Oat Flour Filter (EU: No. 20).
- Relocating the Kiln & Pellet Cooler Cyclone (EU: No. 1), shifting it approximately 45-50 feet East of the current location. The cyclone fan will be relocated to the top of the cyclone to convert the ductwork from positive pressure to negative pressure. The efficiency will remain the same.
- Construct a new Flake Line 2 with Filter (EU: No. 29).

Condition 2 in accordance with Title 37 of LRAPA's Rules and Regulations now reads as follows:

Emission Unit Description

2. The emission units regulated by this permit are the following:

Emission Unit	Pollutant Emitted
No. 1 – Kiln Dryer & Pellet Cooler Cyclone	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 3 – Roof Filter #2	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 4 – Roof Filter #1	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 5 – #1 Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 6 – #2 Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 7 – Flake Line Filter**	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 8 – Hammermill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 9 – Mixplant Filter #1	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 10 – Mixplant Filter #2	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 11 – Four Flour Silos (1-4) with Baghouses	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 12 – Grain Receiving	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 13 – Natural Gas-Fired Boiler (6.7 MM Btu/hr or less)	PM, PM <sub>10</sub> , PM <sub>2.5</sub> , CO, and NO <sub>x</sub> ,
No. 14 – Natural Gas-Fired Boiler (7.8 MM Btu/hr or less)	PM, PM <sub>10</sub> , PM <sub>2.5</sub> , CO, and NO <sub>x</sub> ,
No. 16 – MPF G-Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 17 – MPF General Aspiration Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 18 – Filtrated Storage Bin	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 19 – Relocated Specialty Cleaning Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 20 – Whole Oat Flour Filter**	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 21 – Specialty Flour Mill Filter**	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 23 – MPF Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 24 – Groats Cooler/Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 25 – R-Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 26 – #2 G-Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 27 – Filtered Storage Bin #2	PM, PM <sub>10</sub> , PM <sub>2.5</sub>

No. 28 – Classifier Baghouse Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 29 – Flake Line 2 Filter***	PM, PM <sub>10</sub> , PM <sub>2.5</sub>

\*\*Replaced filters and combined emission units

\*\*\*New Emission Unit

BD/CMW  
3/30/17

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**Simple**  
**AIR CONTAMINANT DISCHARGE PERMIT (ACDP)**

Issued in accordance with provisions of Title 37, Lane Regional Air Protection Agency's Rules and Regulations, and based on the land use compatibility findings included in the permit record.

Issued To:

**Grain Millers, Inc.**

315 Madison Street

Eugene, Oregon 97402

Land Use Compatibility Statement:

From: City of Eugene

Date: March 2, 1999

Mailing Address:

315 Madison Street

Eugene, Oregon 97402

Fee Basis:

Title 37, Table 1, Part B:

17 – Cereal Preparation

Permit Number: 203136

Permit Type: Simple "high"

SIC: 2043 Cereal Preparation

4691 Boiler

Date Renewal: September 16, 2014

Expiration Date: September 16, 2019

Permitted Sources:

Cereal Preparation including:

22 Filters

Kiln Dryer & Pellet Cooler Cyclone


4 Storage Silos with Baghouses

Grain Receiving

2 Natural Gas-Fired Boilers

Issued

By: \_\_\_\_\_

  
Merlyn L. Hough, Director

Effective

SEP 16 2014

Date: \_\_\_\_\_



Permitted Activities

1. Until this permit expires or is revoked, the permittee is herewith allowed to discharge exhaust gases containing contaminants only in accordance with the permit application and the requirements, limitations, and conditions contained in this permit. This specific listing of requirements, limitations, and conditions does not relieve the permittee from complying with all other rules of Lane Regional Air Protection Agency (LRAPA).

Emission Unit Description

2. The emission units regulated by this permit are the following:

Emission Unit	Pollutant Emitted
No. 1 – Kiln Dryer & Pellet Cooler Cyclone	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 3 – Roof Filter #2	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 4 – Roof Filter #1	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 5 – #1 Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 6 – #2 Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 7 – Flakeline Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 8 – Hammermill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 9 – Mixplant Filter #1	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 10 – Mixplant Filter #2	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 11 – Four Flour Silos (1-4) with Baghouses	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 12 – Grain Receiving	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 13 – Natural Gas-Fired Boiler (6.7 MM Btu/hr or less)	PM, PM <sub>10</sub> , PM <sub>2.5</sub> , CO, and NO <sub>x</sub> ,
No. 14 – Natural Gas-Fired Boiler (7.8 MM Btu/hr or less)	PM, PM <sub>10</sub> , PM <sub>2.5</sub> , CO, and NO <sub>x</sub> ,
No. 15 – Flakeline Filter #2	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 16 – MPF G-Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 17 – MPF General Aspiration Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 18 – Filtrated Storage Bin	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 19 – Relocated Specialty Cleaning Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 20 – Whole Oat Flour Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 21 – Specialty Flour Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 22 – Prater Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 23 – MPF Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 24 – Groats Cooler/Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 25 – R-Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 26 – #2 G-Mill Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 27 – Filtered Storage Bin #2	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
No. 28 – Classifier Baghouse Filter	PM, PM <sub>10</sub> , PM <sub>2.5</sub>

Plant Site Emission Limits (PSELs)

3. The total emission from the operation shall not exceed the annual (12-month rolling) limits below:  
 [LRAPA 42-0040]

**Annual PSELs**  
 (tons)

Source	PM	PM <sub>10</sub>	PM <sub>2.5</sub>	CO	NO <sub>x</sub>
Totals	24	14	9	99	39

Any changes in operation that may increase the emission above the PSEL must be approved by LRAPA. Failure to do so may result in enforcement actions being taken by LRAPA.

PSEL Monitoring

4. **By the fifteenth working day of each month**, the permittee shall determine compliance with the PSELs for grain receiving and processing in accordance with the following procedures:

The permittee shall maintain throughput records of all materials that are handled by the grain receiving and processing emission units Nos. 1-9 listed in Condition 2 and calculate emissions using the following equation:

$$E = \sum (RM \times EF \times K)$$

- Where:
- E = Emissions in tons per year.
  - $\sum$  = The symbol of Summation
  - RM = Raw Material throughput in tons per month (RM for Kiln Dryer Cyclone and Pellet Cooler Cyclone = Raw material throughput x 0.0015).
  - EF = Emission Factor
    - For Grain Receiving EU-12 use 0.032 lb PM per ton of grain, and 0.0078 lb PM<sub>10</sub> per ton of grain.
    - For Grain Cleaning EU-02 through EU-11 and EU-15 through EU-28 use 0.075 lb PM per ton of grain, and 0.019 lb PM<sub>10</sub> per ton of grain.
    - For all permitted filters, use a removal efficiency of 99.99%.
    - For the Kiln Dryer Cyclone EU-1 and the Pellet Cooler Cyclone EU-2 use 99.5% removal efficiency.
    - For all emissions assume PM<sub>10</sub> = PM x 25%.
    - For all emission assume PM<sub>10</sub> = PM<sub>2.5</sub>.
    - Emission calculations shall be included for all filters exhausting exterior to permittee's buildings.
  - K = Conversion Factor Constant: 1 ton per 2,000 pounds

Performance Standards and Source-Specific Emission Limitations

5. The permittee shall not cause, suffer, allow, or permit the emission of any air contaminant, excluding uncombined water, into the atmosphere from any air contaminant source for a period of periods aggregated more than three (3) minutes in any one (1) hour which is equal to or greater than 20 percent opacity. [LRAPA 32-010-1 and 3]
6. Particulate emissions shall not exceed 0.1 grains per standard dry cubic foot (dscf) from any air contaminant source constructed or modified after June 1, 1970. [LRAPA 32-015-2]
7. Particulate emission shall not exceed 0.2 grains per dry standard cubic foot (dscf) from emission unit No. 4 – Roof Filter #1, and from any air contaminant source constructed or modified before June 1, 1970. [LRAPA 32-015-1]
8. Particulate emissions from each boiler in EU-12 and EU-13 shall not exceed 0.1 grains per cubic foot (scf) adjusted to 50 percent excess air or calculated to 12 percent carbon dioxide. [LRAPA 32-030]
9. Processed controlled by filters and baghouses shall not be operated without the control devices on-line and functioning properly. Filters and baghouse shall be operated at all times at the highest reasonable efficiency. [LRAPA 32-007] The permittee shall perform routine maintenance of the baghouses and keep records as required per Condition 11.
10. The permittee shall implement housekeeping practices to prevent particulate matter from becoming airborne exterior to permittee's buildings, including but not limited to cleaning around bins and equipment. [LRAPA 48-015]

Monitoring and Recordkeeping Requirements

11. A record of the following data shall be maintained for a period of five (5) years at the plant site and shall be available for inspection by authorized representatives of LRAPA: [LRAPA 35-0160 and 42-0080]

Parameter (units)	Minimum Recording Frequency
Throughput for each grain-handling and receiving unit listed in permit Condition 2 (tons)	Monthly
Emission calculations as specified in permit Condition 4	Monthly
Monitor pressure readings of each filter and baghouse** and record in a log	Weekly
Maintenance of baghouses and record in a log	As Performed
Boiler fuel throughput (MMBtu or SCF)	Annually

\*\*excludes bin-type baghouses

Reporting

12. An annual summary to document compliance with the PSELs shall be submitted **by February 15<sup>th</sup> each year**. The summary shall contain the PM/PM<sub>10</sub>/PM<sub>2.5</sub> emission data as required per Condition 4 and the information required to be recorded as per Condition 11.

13. An annual summary required per Condition 12, shall also include any information required by General Condition G15. [LRAPA 35-0160]
14. Unless otherwise specified, all reports, test results, notifications, etc., required by the above terms and conditions shall be reported to the following office: [LRAPA 35-0160]

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

Open Burning

15. Open burning is prohibited per the requirements of LRAPA 47-020.

Fee Schedule

16. In accordance with adopted regulations, the permittee shall be invoiced by October 1<sup>st</sup> each year for the Annual Fee due December 1<sup>st</sup> each year. [LRAPA 37-0064 Table 2]

BD/cmw  
9/15/2014

## ABBREVIATIONS, ACRONYMS, AND DEFINITIONS

ACDP	Air Contaminant Discharge Permit
Calendar Year	The 12-month period beginning January 1 <sup>st</sup> and ending December 31 <sup>st</sup>
CFR	Code of Federal Regulation
CO	Carbon Monoxide
DEQ	Oregon Department of Environmental Quality
dscf	Dry Standard Cubic Foot
EF	Emission Factor
EPA	US Environmental Protection Agency
CAA	Federal Clean Air Act
gr/dscf	Grains per Dry Standard Cubic Foot
I&M	Inspection and Maintenance
lb	pounds
LRAPA	Lane Regional Air Protection Agency
MMBtu	Million British thermal units
MSDS	Material Safety Data Sheet
NA	Not applicable
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NO <sub>x</sub>	Nitrogen Oxides
NSPS	New Source Performance Standard
NSR	New Source Review
O <sub>2</sub>	Oxygen
OAR	Oregon Administrative Rules
OERS	Oregon Emergency Response System
ORS	Oregon Revised Statutes
O&M	Operation and Maintenance
Pb	Lead
PCD	Pollution Control Device
PM	Particle Matter
PM <sub>10</sub>	Particulate Matter less than 10 microns in size
PM <sub>2.5</sub>	Particulate Matter less than 2.5 microns in size
ppm	Part per million
PSD	Prevention of Significant Deterioration
PSEL	Plant Site Emission Limit
PTE	Potential to Emit
RM	Raw Material
scf	Standard Cubic Foot
SER	Significant Emission Rate
SIC	Standard Industrial Code
SIP	State Implementation Plan
SO <sub>2</sub>	Sulfur Dioxide
VE	Visible Emissions
VOC	Volatile Organic Compound
Year	A period consisting of any 12-consecutive calendar months

## **GENERAL PERMIT CONDITIONS**

### General Conditions and Disclaimers

- G1. A copy of the permit application and this Air Contaminant Discharge Permit (ACDP) must be available on site for inspection upon request.
- G2. The permittee shall allow the Director or his/her authorized representatives access to the plant site and pertinent records at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, reviewing and copying air contaminant discharge records and otherwise conducting necessary functions related to this permit in accordance with ORS 468.095. [LRAPA 13-020(1)(h)]
- G3. 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.

### Performance Standards and Emission Limits

- G4. The permittee shall not cause or permit the emissions of any particulate matter which is greater than 250 microns in size if such particulate matter does or will deposit upon the real property of another person. [LRAPA 32-055]
- G5. No person shall discharge from any source whatsoever such quantities of air contamination which cause injury or damage to any persons, the public, business or property. Such determination to be made by LRAPA. [LRAPA 32-090-1]
- G6. The permittee shall not cause or permit emission of water vapor if the water vapor causes or tends to cause detriment to the health, safety or welfare of any person or causes, or tends to cause damage to property or business. [LRAPA 32-090-2]
- G7. The permittee shall not willfully cause or permit the installation or use of any device or use of any means which, without resulting in a reduction in the total amount of air contaminants emitted, conceals emissions of air contaminants which would otherwise violate LRAPA rules. [LRAPA 33-030-1]
- G8. The permittee shall not cause or permit the installation or use of any device or use of any means designed to mask the emissions of an air contaminant which causes or tends to cause detriment to health, safety or welfare of any person. [LRAPA 33-030-2]
- G9. The permittee shall not allow any materials to be handled, transported, or stored; or a building, its appurtenances or road(s) to be used, constructed, altered, repaired, or demolished; or any equipment to be operated, without taking reasonable precautions to prevent particulate matter from being airborne. [LRAPA 48-015-2]
- G10. The permittee shall not cause or permit the emissions of odorous matter in such a manner as to cause a public nuisance. [LRAPA 49-010-1]

### Excess Emissions: General Policy

- G11. Emissions of air contaminants in excess of applicable standards or permit conditions are unauthorized and are subject to enforcement action, pursuant to LRAPA 36-010 and 36-030. These rules apply to any permittee operating a source which emits air contaminants in violation of any applicable air quality rule or permit condition, including but not limited to excess emissions

resulting from the breakdown of air pollution control equipment or operating equipment, process upset, startup, shutdown, or scheduled maintenance. Sources that do not emit air contaminants in excess of any applicable rule or permit condition are not subject to the recordkeeping and reporting requirements in LRAPA Title 36. [LRAPA 36-001-1]

Excess Emissions: Notification and Record-keeping

- G12. For all other excess emissions not addressed in LRAPA Sections 36-010, 36-015, or 36-040, the following requirements apply. The owner or operator, of a small source, as defined by Section 36-005-7, need not notify LRAPA of excess emissions events immediately unless otherwise required by permit condition, written notice by LRAPA, or if the excess emission is of a nature that could endanger public health. [LRAPA 36-020-1]

Notification shall be made to the LRAPA office. The current LRAPA telephone number during regular business hours (8 a.m. - 5 p.m., M-F) is (541) 736-1056. During nonbusiness hours, weekends, or holidays, the permittee shall immediately notify LRAPA by calling the LRAPA Upset/Complaint Line. The current number is (541) 726-1930.

Follow-up reporting, if required by LRAPA, shall contain all information required by Condition G15.

- G13. At each annual reporting period specified in this permit, or sooner if required by LRAPA, the permittee shall submit a copy of the upset log entries for the reporting period, as required by Condition G15. [LRAPA 36-025-4]
- G14. Any excess emissions which could endanger public health or safety shall immediately be reported to the Oregon Emergency Response System (OERS) at 1-800-452-0311.
- G15. The permittee shall keep an upset log of all planned and unplanned excess emissions. [LRAPA 36-025-3 and 36-030-1] The upset log shall include the following:
- a. date and time each event was reported to LRAPA;
  - b. whether the process handling equipment and the air pollution control equipment were at all times maintained and operated in a manner consistent with good practice for minimizing emissions;
  - c. whether repairs or corrections were made in an expeditious manner when the permittee knew or should have known that emission limits were being or were likely to be exceeded;
  - d. whether the event was one in a recurring pattern of incidents which indicate inadequate design, operation, or maintenance; and
  - e. final resolution of the cause of the excess emissions.

Upset logs shall be kept by the permittee for five (5) calendar years.  
[LRAPA 36-025-4]

Excess Emissions: Scheduled Maintenance

- G16. Where it is anticipated that shutdown, by-pass, or operation at reduced efficiency of production equipment or air pollution control equipment for necessary scheduled maintenance may result in excess emissions, the permittee must obtain prior LRAPA approval of procedures that will be used to minimize excess emissions. Application for approval of procedures associated with the scheduled maintenance shall be submitted and received by LRAPA in writing at least seventy-two (72) hours prior to the event. [LRAPA 36-015-1] The application shall include the following:

- a. reasons explaining the need for maintenance, including why it would be impractical to shut down the source operation during the period, and why the by-pass or reduced efficiency could not be avoided through better scheduling for maintenance or through better operation and maintenance practices;
  - b. identification of the specific production or emission control equipment or system to be maintained;
  - c. nature of the air contaminants likely to be emitted during the maintenance period, and the estimated amount and duration of the excess emissions, including measures such as the use of overtime labor and contract services and equipment that will be taken to minimize the length of the maintenance period; and
  - d. identification of specific procedures to be followed which will minimize excess emissions.
- G17. No scheduled maintenance which is likely to result in excess emissions shall occur during any period in which an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency has been declared, or during an announced "Stage I Red" woodstove advisory period, in areas determined by LRAPA as PM<sub>10</sub> Nonattainment Areas. [LRAPA 36-015-6]
- G18. In cases where LRAPA has not received notification of scheduled maintenance that is likely to cause excess emissions within the required seventy-two (72) hours prior to the event, or where such approval has not been waived pursuant to LRAPA 36-015-3, the permittee shall immediately notify LRAPA by telephone of the situation, and shall be subject to the requirements of Conditions G12 and G13. [LRAPA 36-015-7]

#### Air Pollution Emergencies

- G19. The permittee shall, upon declaration of an air pollution episode, take all actions specified in Tables 1, 2, and 3 of LRAPA's Title 51 (see Attachment A) and shall particularly put into effect the LRAPA-approved preplanned abatement strategy for such condition, if applicable. [LRAPA 51-015]

#### Notification of Construction/Modification

- G20. The permittee shall notify LRAPA in writing and obtain approval in accordance with LRAPA 34-035 before:
- a. constructing or installing any new source of air contaminant emissions, including air pollution control equipment; or
  - b. modifying or altering an existing source that may significantly affect the emissions of air contaminants, or
  - c. making any physical change which increases emissions; or
  - d. changing the method of operation, the process, or the fuel use, or increasing the normal hours of operation to levels above those contained in the permit application and reflected in this permit and which result in increased emissions.



### Notification of Name Change

- G21. The permittee shall notify LRAPA in writing, using an LRAPA Application for Administrative Amendment to ACDP form, within 60 days after legal change of the registered name of the company with the Corporation Division of the State of Oregon.

Applicable administrative fees must be submitted with an application for the name change.

### Permit Renewal

- G22. Application for renewal of this permit must be submitted not less than 60 days prior to the permit expiration date. [LRAPA 37-0040]
- G23. The procedure for issuance of a permit shall apply to renewal of a permit. If a completed application for a renewal of a permit is filed with LRAPA in a timely manner, prior to the expiration date of the permit, the permit shall not be deemed to expire until final action has been taken on the renewal application to issue or deny a permit. [LRAPA 37-0082-1]

### Termination Conditions

- G24. This permit shall be automatically terminated upon: [LRAPA 37-0082]
- a. Issuance of a renewal or new ACDP for the same activity or operation;
  - b. Written request of the permittee, if LRAPA determines that a permit is no longer required;
  - c. Failure to submit a timely application for permit renewal. Termination is effective on the permit expiration date; or;
  - d. Failure to pay annual fees within 90 days of invoice by LRAPA, unless prior arrangements for payment have been approved in writing by LRAPA.
- G25. If LRAPA determines that a permittee is in noncompliance with the terms of the permit, submitted false information in the application or other required documentation, or is in violation of any applicable rule or statute, LRAPA may revoke the permit. Notice of the intent to revoke the permit will be provided to the permittee in accordance with LRAPA Title 14. The notice will include the reasons why the permit will be revoked, and include an opportunity for hearing prior to the revocation. A written request for hearing must be received within 60 days from service of the notice, and must state the grounds of the request. The hearing will be conducted as a contested case hearing in accordance with LRAPA Title 14. The permit will continue in effect until the 60 days expires, or until a final order is issued if an appeal is filed, whichever is later. [LRAPA 37-0082-4]
- G26. A permit automatically terminated under 37-0082-2.B. through 2.D. may only be reinstated by the permittee by applying for a new permit, including the applicable new source permit application fees as set forth in Title 37. [LRAPA 37-0082-3]
- G27. If LRAPA finds there is a serious danger to the public health, safety or the environment caused by a permittee's activities, LRAPA may immediately revoke or refuse to renew the permit without prior notice or opportunity for a hearing. If no advance notice is provided, notification will be provided to the permittee as soon as possible as provided in LRAPA Title 14. The notification will set forth the specific reasons for the revocation or refusal to renew. For the permittee to contest LRAPA's revocation or refusal to renew LRAPA must receive a written request for a hearing within 90 days of service of the notice and the request must state the grounds for the request. The hearing will be

conducted as a contested case hearing in accordance with LRAPA Title 14. The revocation or refusal to renew becomes final without further action by LRAPA if a request for a hearing is not received within the 90 days. [LRAPA 37-0082-4.B]

- G28. Any hearing requested shall be conducted pursuant to the rules of LRAPA. [LRAPA Title 31]
- G29. The permittee may be required to submit, by April 20 of each year, the emission inventory form provided by LRAPA. [LRAPA 34-015]
- G30. Any owner or operator who fails to submit any relevant facts or who has submitted incorrect information in a permit application must, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information.