



DEPARTMENT ORDER

Pleasant River Lumber Enfield, LLC  
Penobscot County  
Enfield, Maine  
A-1163-71-B-M

Departmental  
Findings of Fact and Order  
Air Emission License  
Amendment #1

FINDINGS OF FACT

After review of the air emission license amendment application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 Maine Revised Statutes (M.R.S.) § 344 and § 590, the Maine Department of Environmental Protection (Department) finds the following facts:

I. **REGISTRATION**

A. Introduction

Pleasant River Lumber Enfield, LLC (PRL) was issued Air Emission License A-1163-71-A-N on August 17, 2022, for the operation of emission sources associated with their lumber manufacturing facility.

PRL has requested a minor revision to their license in order to increase the diameter of Stack #1.

The equipment addressed in this license amendment is located at 542 Hammett Road in Enfield, Maine.

B. Emission Equipment

The following equipment is addressed in this air emission license amendment:

**Boilers**

Equipment	Max. Capacity (MMBtu/hr)	Maximum Firing Rate	Fuel Type	Date of Manuf.	Date of Install.	Stack #
Boiler #1	9.93	1.1 ton/hr	biomass	2022	2022	1
Boiler #2	9.93	1.1 ton/hr	biomass	2022	2022	1
Boiler #3	9.93	1.1 ton/hr	biomass	2022	2022	1

C. Revision Description

Boilers #1 - #3 will each be equipped with a multiclone; from there, emissions from all three boilers will be combined and routed to a single electrostatic precipitator (ESP) and

vented to a common stack (Stack #1) except for periods of boiler startup and ESP downtime. In Air Emission License A-1163-71-A-N, Stack #1 was described as being 30 inches in diameter and exhausting 60 feet above ground level. Upon receipt of the equipment, Stack #1 was found to be 35 inches in diameter. PRL has requested that the license be updated accordingly.

The Department approves of this change and finds that increasing the diameter of the proposed Stack #1 from 30 inches to 35 inches does not change the Department's best available control technology (BACT) determination or the Department's determination regarding emissions from PRL being able to meet ambient air quality standards in conjunction with emissions from other sources.

D. Application Classification

All rules, regulations, or statutes referenced in this air emission license refer to the amended version in effect as of the date this license was issued.

This amendment will not increase licensed emissions of any pollutant. Therefore, this amendment is determined to be a minor revision and has been processed as such.

E. Facility Classification

With the annual throughput limit on the kilns the facility is licensed as follows:

- As a synthetic minor source of air emissions for VOC, because PRL is subject to license restrictions that keep facility emissions below major source thresholds for criteria pollutants; and
- As an area source of hazardous air pollutants (HAP), because the licensed emissions are below the major source thresholds for HAP.

Although emissions of CO are licensed above 80% of the major source threshold, this facility is not considered an "80% Synthetic Minor" source for the purpose of determining the minimum required compliance inspection frequency in accordance with Maine's Compliance Monitoring Strategy, because no license restrictions are necessary to keep the facility's emissions below the major source threshold for CO.

Similarly, although the kiln throughput limit is required to ensure the facility remains an area source of HAP, with this restriction potential emissions of each single HAP as well as total HAP are less than 80% of the major source thresholds.

F. Annual Emissions

This license amendment will not change the facility's licensed annual emissions.

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### ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards, and
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License Amendment A-1163-71-B-M subject to the conditions found in Air Emission License A-1163-71-A-N and the following conditions.

Severability. The invalidity or unenforceability of any provision of this License Amendment or part thereof shall not affect the remainder of the provision or any other provisions. This License Amendment shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

### SPECIFIC CONDITIONS

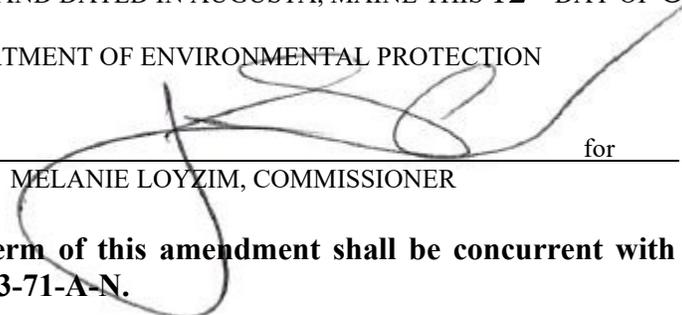
**The following shall replace Condition (17)(G) of Air Emission License A-1163-71-A-N:**

**(17) Boilers #1 - #3**

G. Stack #1 shall be a minimum of 60 feet above ground level and no more than 35 inches in diameter at the exhaust point. [06-096 C.M.R. ch. 115, BACT]

DONE AND DATED IN AUGUSTA, MAINE THIS 12<sup>th</sup> DAY OF OCTOBER, 2022.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:  for  
MELANIE LOYZIM, COMMISSIONER

**The term of this amendment shall be concurrent with the term of Air Emission License A-1163-71-A-N.**

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 9/19/2022

Date of application acceptance: 9/21/2022

Date filed with the Board of Environmental Protection:

This Order prepared by Lynn Muzzey, Bureau of Air Quality.

**FILED**  
OCT 12, 2022  
State of Maine  
Board of Environmental Protection