



DEPARTMENT ORDER

**F.E. Wood – Natural Energy LLC
Cumberland County
West Baldwin, Maine
A-1106-71-B-M (SM)**

**Departmental
Findings of Fact and Order
Air Emission License
Amendment**

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

F.E. Wood – Natural Energy LLC (F.E. Wood) was issued Air Emission License A-1106-71-A-N on 03/04/2015, for the operation of emission sources associated with their pellet mill facility.

F.E. Wood has requested a minor revision to their license in order to extend its 18 month construction timeframe from September 3, 2016 to March 3, 2018.

The equipment addressed in this license amendment is located in West Baldwin, Maine.

B. Emission Equipment

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

Fuel Burning Equipment

<u>Equipment</u>	<u>Max. Capacity (MMBtu/hr)</u>	<u>Maximum Firing Rate</u>	<u>Fuel Type, % sulfur</u>	<u>Date of Manuf.</u>	<u>Stack #</u>
Dryer Burner	55	6.3 tons/hr	Wood bark, chips, sawdust	TBD	1
Regenerative Thermal Oxidizer	3.5	39.0 gal/hr	Propane	TBD	1

Process Equipment

<u>Equipment</u>	<u>Raw Material Process Rate</u>	<u>Maximum finished Material Process Rate</u>	<u>Pollution Control Equipment</u>	<u>Stack #</u>
Dryer (direct fired rotary drum)	40 tons/hr	195,000 tons pellets/yr (dried, 10% moisture content)	Wet Electrostatic Precipitator (WESP) and Regenerative Thermal Oxidizer (RTO)	1

C. Application Classification

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

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

II. **BEST PRACTICAL TREATMENT (BPT)**

A. Construction Timeframe Extension

1. Background

F.E. Wood has requested an 18 month construction timeframe extension to commence construction on the facility. Standard Condition (3) of License A-1106-71-A-N established an original 18 month for permitted construction from 03/04/2015 to 09/03/2016 as follows:

(3) Approval to construct shall become invalid if the source has not commenced construction within eighteen (18) months after receipt of such approval or if construction is discontinued for a period of eighteen (18) months or more. The Department may extend this time period upon a satisfactory showing that an extension is justified, but may condition such extension upon a review of either the control technology analysis or the ambient air quality standards analysis, or both. [06-096 CMR 115]

Pursuant to this condition, F.E. Wood has demonstrated reasonable justification for a delay and the Department has elected to extend the allowable construction period. Upon review of the equipment and corresponding operations and controls as currently licensed, the Department has determined that the BACT findings for the project in license A-1106-71-A-N continue to be valid, and no further conditions are needed to meet Best Available Control Technology requirements.

2. Best Available Control Technology (BACT)

A complete BACT analysis of F.E. Wood's operation was completed for license A-1106-71-A-N, dated 03/04/2015. No new information or technology has become available since the issuance of that license; BACT will therefore remain as stated.

B. Annual Emissions

This license amendment does not result in a change in annual emission limits for any pollutants.

III. AMBIENT AIR QUALITY ANALYSIS

The level of ambient air quality impact modeling required for a minor source is determined by the Department on a case-by case basis. This minor revision results in no increased emission limits for F.E. Wood and therefore does not require any Ambient Air Quality Impacts Analysis at this time.

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Cumberland County
Baldwin, Maine
A-1106-71-B-M (SM)

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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-1106-71-B-M subject to the conditions found in Air Emission License A-1106-71-A-N and grants an additional 18 month construction timeframe extension to F.E. Wood – Natural Energy LLC to commence construction on the facility. The Department has concluded that no new or modified conditions are necessary for this License Amendment.

DONE AND DATED IN AUGUSTA, MAINE THIS 30 DAY OF September, 2016.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: Man Allen Robert Core for
PAUL MERCER, COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-1106-71-A-N.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 09/08/2016

Date of application acceptance: 09/12/2016

Date filed with the Board of Environmental Protection:

This Order prepared by Colby Fortier-Brown, Bureau of Air Quality.

