



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Thomas S. Burack, Commissioner

June 15, 2016

NHPUC 2AUG'16PM1:58

Mr. Michael Harris, Superintendent
 School Administrative Unit (SAU) #76
 Lyme School District
 P.O. Box 117
 Lyme, NH 03768

**Re: Recommended Certification as a Class I Thermal Renewable Energy Source
 Lyme School District, SAU #76
 Lyme, NH**

Dear Mr. Harris:

In response to your request on behalf of Lyme School District, SAU #76 for certification of two biomass (wood pellet) boilers located at the facilities described below as a Class I thermal renewable energy source, the New Hampshire Department of Environmental Services (DES) recommends that the Public Utilities Commission (PUC) grant approval to Lyme School District, SAU #76 as a Class I thermal renewable energy source eligible to generate renewable energy certificates. A summary of the facility description, DES's review of best management practices (BMP) requirements, and a recommendation for approval are presented below.

Facilities Description

Facilities Names: Lyme School
Location: Lyme, NH
Primary Fuel: wood pellets
Net Maximum Output: 350,000 BTU/hr per boiler (2)

Emissions

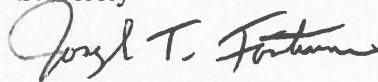
By definition, "*Thermal biomass renewable energy technologies*", requires units rated less than 3 MMBtu/hr gross heat input to meet best management practices (BMP) as established by DES for control of particulate matter (PM) and nitrogen oxides (NOx) emissions. DES herein establishes BMP as certifying that boiler tune-ups will be conducted annually in accordance with the report titled [Emission Controls for Small Wood-Fired Boilers](#) (Prepared for United States Forest Service, Western Forestry Leadership Coalition).

Conclusion and Recommendation for Approval

DES believes that Lyme School District, SAU #76 currently meets, and annually will meet, the requirements to be certified as a Class I - New Biomass thermal renewable energy source. DES recommends that the PUC certify Lyme School District, SAU #76 as a Class I thermal renewable energy source eligible to generate thermal renewable energy certificates, on the condition that Lyme School District, SAU #76 annually certifies that BMP continue to be met.

Please submit a copy of this letter with Lyme School District, SAU #76's completed application for renewable energy source eligibility to the PUC. If you have any questions, please contact me at joseph.fontaine@des.nh.gov or (603) 271-6794.

Sincerely



Joseph T. Fontaine
Program Manager
Air Resources Division