



4225 RoxWind\_Wind Turbine Change Effect on Sound Levels Letter.docx

PRINCIPALS

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Epsilon Ref. 4225

- Theodore A Barten, PE
- Margaret B Briggs
- Dale T Raczynski, PE
- Cindy Schlessinger
- Lester B Smith, Jr
- Robert D O'Neal, CCM, INCE
- Andrew D Magee
- Michael D Howard, PWS
- Douglas J Kelleher
- AJ Jablonowski, PE
- Stephen H Slocomb, PE
- David E Hewett, LEED AP
- Dwight R Dunk, LPD
- David C Klinch, PWS, PMP
- Maria B Hartnett

Lindsay Deane-Mayer  
 RoxWind LLC  
 13 Elm Street, Suite 200  
 Cohasset, MA 02025  
 Email: [Lindsay@palmcap.com](mailto:Lindsay@palmcap.com)

**Subject: Wind Turbine Change - Effect on Sound Levels  
 RoxWind Project, ME**

Dear Lindsay:

Epsilon Associates performed a sound level impact evaluation for the RoxWind Project and submitted the findings in a sound level assessment report, dated March 20, 2018. Since that report, RoxWind has proposed a minor modification using longer wind turbine blades but keeping the same tip height by lowering the hub height of the four wind turbines. The wind turbine hub height and rotor diameter evaluated in the March 20, 2018 report were 85 meters and 130 meters, respectively. The Project is now proposed to have wind turbines with a hub height of 81.5 meters and a rotor diameter of 137 meters. Since the two configurations have the same maximum sound power levels, these slight changes in wind turbine hub height and rotor diameter are expected to result in minimal changes in sound level impacts at nearby occupied receptors as compared to those presented in the March 20, 2018 report. Therefore, a revised sound report is not necessary as the conclusions remain the same.

Sincerely,

EPSILON ASSOCIATES, INC.

Clinton D. Cyr, INCE, EIT  
 Project Engineer

- ASSOCIATES
- Richard M Lampeter, INCE
  - Geoff Starsiak, LEED AP BD+C
  - Marc Bergeron, PWS, CWS

3 Mill & Main Place, Suite 250  
 Maynard, MA 01754  
[www.epsilonassociates.com](http://www.epsilonassociates.com)

978 897 7100  
 FAX 978 897 0099