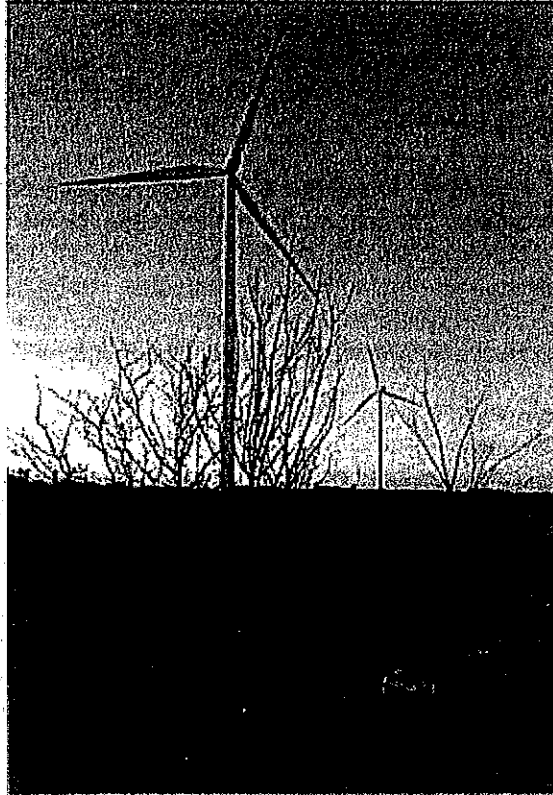


Report Number 122412-1
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Revised:

**A Cooperative Measurement Survey and Analysis of
Low Frequency and Infrasound at the Shirley Wind Farm in
Brown County, Wisconsin**



Prepared Cooperatively By:

Channel Islands Acoustics, Camarillo, CA
Principal: Dr. Bruce Walker

Hessler Associates, Inc., Haymarket, VA
Principals: George F. and David M. Hessler

Rand Acoustics, Brunswick, ME
Principal: Robert Rand

Schomer and Associates, Inc., Champaign, IL
Principal: Dr. Paul Schomer

Quote from page 2 of 13, Introduction, 4th paragraph:

Four acoustical consulting firms would cooperate and jointly conduct and/or observe the survey. Channel Islands Acoustics (ChIA) has derived modest income while Hessler Associates has derived significant income from wind turbine development projects. Rand Acoustics is almost exclusively retained by opponents of wind projects. Schomer and Associates have worked about equally for both proponents and opponents of wind turbine projects. **However, all of the firms are pro-wind if proper siting limits for noise are considered in the project design.**

Quote from page 7 of 13, 1st paragraph:

The critical questions are what physical effects do these low frequencies have on residents and what LFN (low frequency noise) limits, if any, should be imposed on wind turbine projects. The reported response at residence R2 by the wife and their child was extremely adverse while the husband suffered no ill effects whatsoever, illustrating the complexity of the issue. **The family moved far away for a solution.**

Quote from page 7 of 13, 3rd paragraph:

The four investigating firms are of the opinion that enough evidence and hypotheses have been given herein to classify LFN (low frequency noise) and infrasound as a serious issue, **possibly affecting the future of the industry.** It should be addressed beyond the present practice of showing that wind turbine levels are magnitudes below the threshold of hearing at low frequencies.