

Early in June 2009 RES Canada placed an advertisement that contained the following information, copied in its entirety below in normal print. For each of their bullets my response follows in italics. P.S. The links as printed should work, but acrobat isn't consistent when clicking on them directly.

- At present there are well over 10,000 wind turbines installed and operating in North America, and tens of thousands of people who live and work in proximity to these wind turbines. Of these individuals, a very small number have claimed that their health has been negatively impacted by wind turbines.

The population at issue is those who live, not just work, within one mile of a turbine. This population does not consist of "tens of thousands". Within that population the "very small number" becomes quite a bit larger. Without a study, which Ontario refuses to do, nobody knows just how large it is.

- To mitigate noise impacts on residents, wind projects in Ontario must meet stringent noise guideline limits set by the Ministry of Environment.

Ontario's noise regulations with respect to wind turbines are among the least stringent in the world. Even then, they are not enforced.

- Infrasound (sound with a frequency content below the threshold of hearing, generally held to be about 20Hz) related to wind turbines has been argued to cause negative health impacts. **However, surveys of peer-reviewed scientific literature have consistently found no evidence linking wind turbines to human health concerns.**

That's because nobody has ever done a proper study, and absence of evidence is NOT evidence of absence. Until such a study is done and published, all these surveys are conjectural. Meanwhile, the case study evidence continues to build.

- According to a report by HGC Engineering called "Wind Turbines and Infrasound", infrasonic levels created by wind turbines are often similar to the ambient levels prevalent in the natural environment due to wind, typically 85 dBG or lower, and there is no evidence of adverse health effects caused by this infrasound. Infrasound near modern wind turbines is generally not perceptible to humans, either through auditory or non-auditory mechanisms. In this report, no evidence was found to suggest that infrasound from wind turbines causes

issues with respect to human perception or health. This report can be found at http://www.canwea.ca/images/uploads/File/CanWEA_Infrasound_Study_Final.pdf.

This study was commissioned and published by CanWEA, hardly a disinterested unbiased party. HGC has never done a health study and has no obvious competency in that area. P.S. Their link may be unclear, you need to have the underscores in place of the spaces.

- In 2006 the UK Government published a study by Hayes McKenzie which investigated claims that infrasound or low frequency noise emitted by wind turbine generators and concluded that there is no evidence of health effects arising from infrasound or low frequency noise generated by wind turbines. This report can be found at <http://www.berr.gov.uk/energy/sources/renewables/explained/wind/onshore-offshore/page31267.html>.

Hayes McKenzie has never done a health study and has no obvious competency in that area. This particular study measured sound levels at different wind projects in the UK, and was not a health study. P.S. I couldn't use their link and ended up using the one above.

- Chatham-Kent's Acting Medical Officer of Health, Dr. David Colby prepared a report titled "Health impact of wind turbines", providing a comprehensive review of available literature on the subject. Dr. Colby concludes in this report that, "In summary, as long as the Ministry of Environment Guidelines for location criteria of wind farms are followed, it is my opinion that there will be negligible adverse health impacts on Chatham-Kent citizens". This report can be found at <https://chatham-kent.ca/NR/rdonlyres/CA6E8804-D6FF-42A5-B93B-5229FA127875/7046/5a.pdf>.

This report was hardly comprehensive. Dr. McMurtry: "In short this is a paper that would not be accepted in a responsible peer review journal. The transgressions of confirmation bias and the failure to quote relevant literature are fundamental errors. This paper is not an authoritative contribution to the literature regarding wind turbines. Finally as a public health document it is seriously deficient." P.S. Their link has security issues, but looks safe to follow.

- In a White Paper by Dr. Anthony Rodgers at the University of Massachusetts

at Amherst, called “Wind Turbine Acoustic Noise”, Dr. Rodgers looked into the issue of both sound and infrasound and concluded, “There is no reliable evidence that infrasound below the perception threshold produces physiological or psychological effects”. This report can be found at http://ceere.org/rerl/publications/whitepapers/Wind_Turbine_Acoustic_Noise_Rev2006.pdf.

Dr. Rodgers (not an MD) has never done a health study has no obvious competency in that area. This particular white paper was a primer on wind turbine noise and had nothing to do with health issues. P.S. The link may be unclear, you need underscores in place of the spaces.

- These finding have shown that there is no peer-reviewed scientific evidence indicating that wind turbines hve an adhere impact on human health.

Again, because nobody has ever done the study. For those who took the time to follow their links you will notice that none of them was a health study.

- RES is committed to a full compliance with minister of the Environment Noise regulations.

It's nice to know they will follow the law.