



April 25, 2016

Mayor Paul McQueen
Municipality of Grey Highlands
206 Toronto Street South, Unit One, PO Box 409
Markdale, ON N0C 1H0

Dear Mayor McQueen:

Re: Ontario Health Study – Wind Turbines

On April 22, 2016 at a regular meeting of the Board for the Grey Bruce Health Unit, the Board considered the attached Resolution #16-110 from the Municipality of Grey Highlands, regarding investigating potential health effects of wind turbines. The following motion was passed:

Motion No: 2016-40

Moved by: Stewart Halliday

Seconded by: Alan Barfoot

“That, the Board of Health directs the Medical Officer of Health to engage with the Ontario Health Study to facilitate the process of enrolment for a longitudinal health study related to the environmental exposure to industrial wind turbines.”

Carried.

Sincerely,

A handwritten signature in black ink, appearing to read "Hazel Lynn". The signature is fluid and cursive, with a large initial "H" and "L".

Hazel Lynn MD, FCFP, MHSc
Medical Officer of Health

Cc: Health Canada
South East Grey Community Health Centre
County of Grey and all Lower Tiers
County of Bruce and all Lower Tiers

Encl.

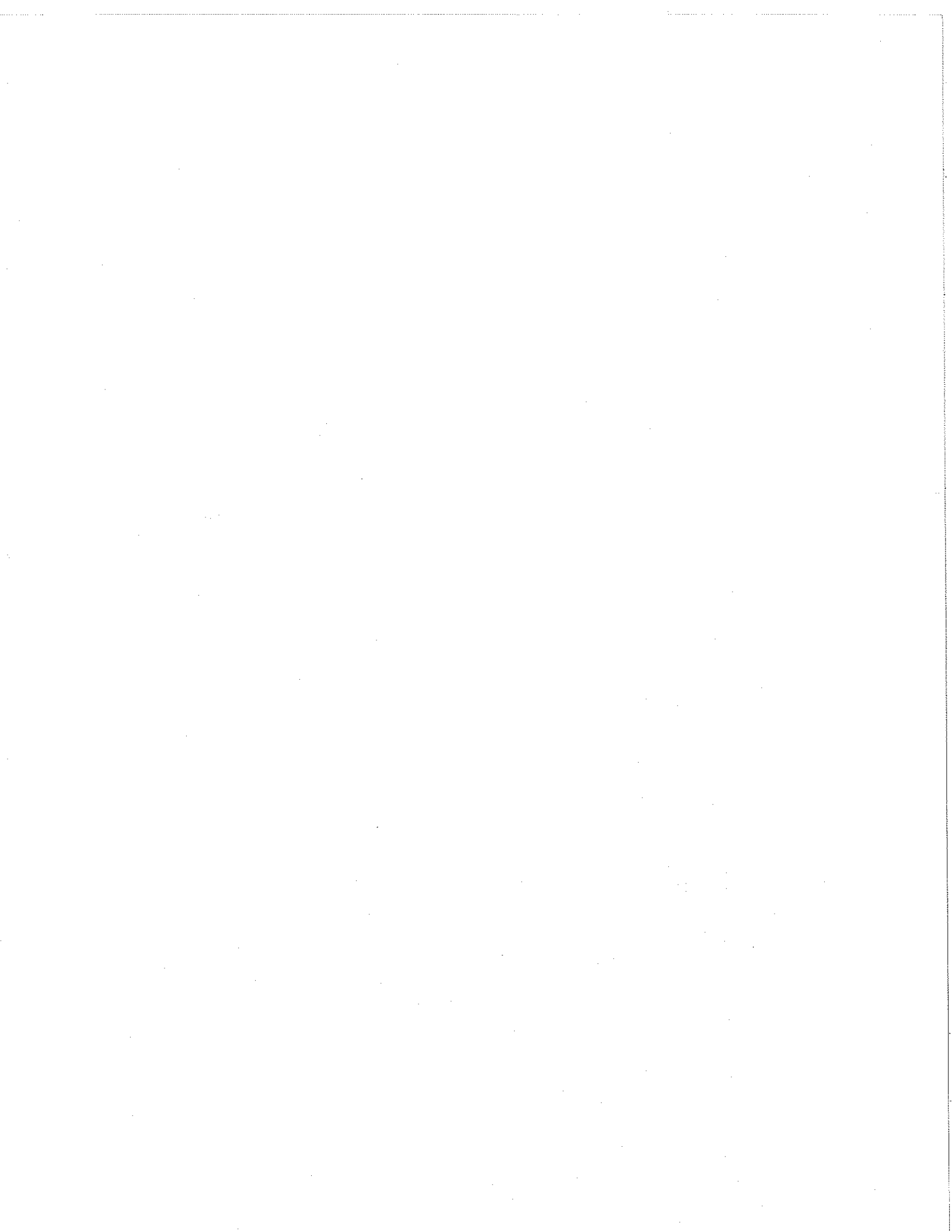
Working together for a healthier future for all.

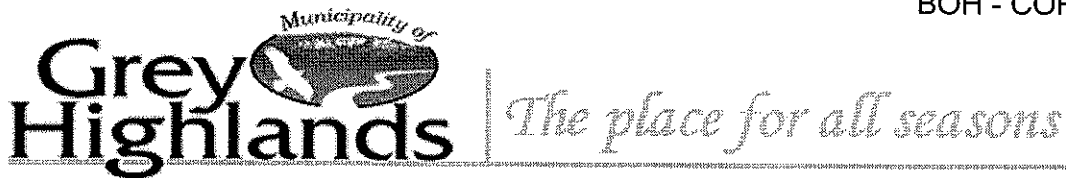
101 17th Street East, Owen Sound, Ontario N4K 0A5 www.publichealthgreybruce.on.ca

519-376-9420

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March 18, 2016

Dr. Hazel Lynn
Medical Officer of Health
Grey Bruce Health Unit
101 17th Street East
Owen Sound, ON N4K 0A5

Dear Dr. Lynn,

Re: Grey Highlands Council Resolution – Investigate Potential Health Effects of Wind Turbines

On March 14th, 2016, Council of the Municipality of Grey Highlands received a delegation from a resident outlining the health concerns within the industrial wind turbine areas of Grey Highlands. She noted the lack of any protocols for the collection of information from residents that are impacted.

The following resolution was adopted:

16-110

Mokriy - Little

Resolve, That Council directs the following from the scheduled delegation of Virginia Love Stewart - IWT Update:

That Council, acting upon the concerns presented by Grey Highlands residents, direct Staff to initiate discussions with the Grey Bruce Health Unit and/or appropriate body to lobby that body to investigate the health related concerns of residents regarding the potential health effects of wind turbines in order to commence health related research and studies.

A copy of this resolution be circulated to all appropriate bodies.

CARRIED

On behalf of Council, we respectfully request consideration of this motion at your next Board meeting.

Sincerely,



Mayor Paul McQueen
Municipality of Grey Highlands

cc: Health Canada
South East Grey Community Health Centre
County of Grey and all Lower Tiers
County of Bruce and all Lower Tiers

Municipality of Grey Highlands Council

Monday March 14, 2016

An update of the Current Situation of the Victims of the Plateau Wind Farm

Virginia Stewart Love

I am here today to bring you up to date on the current situation of the Victims of the Plateau Wind Farm. I was invited by Deputy Mayor Halliday after presenting a letter that I had written to Mike Crawley, now the Executive Vice President of Development at Northland Power.

I have been before you on many occasions to bring to your attention the suffering of those of us living within the Plateau Wind Farm. The situation is pretty grim.

I would like however to begin by acknowledging the accomplishments that this and past councils have made on behalf of the residents of Grey Highlands. We appreciate your efforts to protect us by enacting by-laws which recognizes the need and responsibility to provide for the health, safety and well-being of all persons living and owning land within the Corporation of the Municipality of Grey Highlands; a by-law which requires developers to post performance bonds for the decommissioning of IWTs, and a by-law which requires a Fire/Emergency plan and Fire detection and suppression system for IWTs.

As you may recall, in September of 2012 I made a presentation to The Grey/Bruce Board of Health and Dr. Hazel Lynn. I shared with them the plight of 14 victims of the Plateau wind Farm by providing their statements in their own words. As a result Dr. Lynn and Dr. Arra conducted a literature review which showed a dose response relationship to the IWTs.

Since the commencement of the turbines I have personally filed 70 complaints with the MOECC spills Action Line and the Owen Sound MOECC District Office to no avail. Many others have filed complaints as well. According to testimony at the Armow ERT in October of 2013 from Heather Pollard, District Supervisor of the Owen Sound MOECC Office complaints came in from about 6 households regarding the Plateau Wind Farm. No one has ever had any mitigation or relief from the unimaginable torment either by the MOECC or the Developer. The indignity and frustration at having to call continuously at all hours of the day and night in the hopes of having some resolution to the endless, sleepless nights, the tinnitus, and blocked ears and head, the nausea, headaches and nose bleeds is just too much more to bear. It is an exercise in futility; people just give up as I have. I continue to keep an ongoing journal with entries beginning February 24, 2012. At an ERT hearing in June of 2015 my witness statement boasted a 128 page summary of typed health related entries. That journal continues to date with barley a day going by without the affects of my nightly experiences, especially in the winter.

The irony is that Health Canada, and HGC Engineering who were commissioned by the Province of Ontario all agree that “stress symptoms associated with noise annoyance, and in particular low frequency annoyance, include sleep interference, headaches, poor concentration, mood swings” etc. They also agree that “the audible sound from wind turbines, at levels experienced at typical receptor distances in Ontario, is nonetheless expected to result in a non-trivial percentage of persons being highly annoyed.” The Health Canada Wind Turbine Noise and Health Study states “Health Canada has expertise in measuring noise and assessing the health impacts of noise because of its role in administering the RADIATION EMITTING DEVICES ACT. As defined under the REDA, noise is a form of radiation”. The Act asserts that a manufacturer or importer of radiating emitting device must notify the Minister forthwith if they become aware that the device creates a risk to any person of genetic or personal injury, impairment of health...”. In an access to information request to Health Canada in May of 2013, regarding the Plateau Wind Farm the response states after a thorough search, no records were located to respond to the request. So why is it that nothing is being done to end our suffering?

The other day I received a call from a victim that lives in very close proximity to turbine One. After four years, many complaints, endless sleepless nights, enduring their young grandson’s chronic nose bleeds, her high blood pressure and vertigo, his headaches, and ringing in the ears, they finally have a buyer for their home. He described for me the hellish emotional rollercoaster they have been on since making the decision to leave the home that they built 27 years ago. He also mentioned to me that 3 of his neighbours have also moved since the turbines went into operation. Some of you will remember the issues involving turbine One and the Henderson Family who hosted the turbine. There were some allegations that the lease signature was forged. After some time the Henderson’s settled with Mike Crawley and the turbine was built; nearly a year later Mr. Henderson sold his farm and moved away. We will never know what drove him to make that decision but we do know that his neighbours have left because of the impacts of the turbines on their lives.

A few years ago I sat on the porch with a young man who had recently bought his home and was planning a renovation. He was in such despair as we listen to the noise of the 6 turbines that were turning so close to his home. I commented on what I thought was highway traffic but could see no cars. He pointed out that it was the turbine noise. He was having such a hard time focusing on his job; he was falling asleep at his desk. He could hear the turbine sound coming through his pillow at night. He never found any relief and he too finally left his home.

Many of the folks who made statements to the Grey/Bruce Board of Health have also left, some have walked away, one man after desperate pleas to the MOECC just picked up and left, his house sits empty a year later. Others have sold their homes at a loss after many years on the market. Some even got out before the turbines began operating. In total we estimate 15 families have left Grey Highlands.

The wounds that we have endured do not heal with time, in fact time only reinforces the lack of social justice, the loss of our health and well being, the feelings of betrayal and abandonment, the emotional rollercoaster ride about whether to sell or not. Even those who have left do not recover from the mental and emotional turmoil they have endured. They are forever wounded.

You are about to encounter many more victims when the new turbines in McIntyre go online. The percentage is bound to be much higher than Plateau because of the higher density of homes in the area. Then there will be the turbines in Maxwell and the Badjeros. How many impacted people are acceptable, how many is too many?

On February 7, Roy and I had an impromptu visit from a young family looking to purchase a home in our area. They had looked at 2 properties which were just less than 3 kilometers from the turbines. They wanted to know how we felt about them; were there any problems? Did we think that their young children would be safe? I could not say if they would be safe or not but I shared with them the experiences of those impacted in Southern Grey Highlands since the turbines came to us. I was very concerned to learn that one of the properties they looked at was owned by Mennonites. Mennonites do not speak publically about such issues that involve making waves, but one has to wonder why this property is for sale.

We are asking you to see us as fellow human beings, not statistics, or receptors, not complainers or activists. Our needs and desires are as legitimate as yours. We need you to hear us, to see us and to acknowledge that we are people amongst you who are suffering. You have the power to provide for the protection of our health, safety and well being as by-law 2010-66 proclaims. A by-law that is not enforced is useless; we implore you to find a way to uphold it.

From: Ginny Stewart
Sent: Tuesday, February 02, 2016 3:05 PM
To: Mike Crawley
Subject: Re: Mike Crawley - Contact information

Hello Mike,

You cannot imagine how surprised I was to hear from you especially in light of the fact that you have not responded to any of my emails or complaints since the Plateau Wind Project went online in early 2012.

I would like to take this fortunate opportunity to bring you up to date on my current situation. I am very much aware that you will say there is little you can do from your new position at Northland Power, but I would like to bring to your attention how your investment opportunities are destroying the lives of people in all the jurisdictions which you target.

You might be interested to know that from April 17, 2012 through April 7, 2015 I filed nearly 70 complaints with the MOECC, copying Plateau Wind Inc. on many of them. I

have incident numbers for each and every complaint. It is also my understanding that the obligation of the MOECC and the Owner/Operator of a Wind Generating facility are obligated to report the complaints to each other. In order to keep a record of my complaints and their acknowledgement and because a record of **my complaints** was not available to me without a freedom of information request but ironically available to Plateau Wind Inc., I began to send my complaints electronically; the only acknowledgement of such to me by your company was one email in 2013 that my emails would be responded to through the Ministry of the Environment.

It is very time consuming, frustrating and degrading to continue to call the MOECC on a routine schedule and not receive any acknowledgement or mitigation for the insufferable agony that I, my family and my neighbours are subjected to regularly. I have however kept an ongoing journal with entries beginning February 24, 2012 through to today. At an ERT hearing in June of 2015 my witness statement boasted a 128 page summary of typed health related entries. That journal continues to date with barley a day going by without the affects of my nightly experiences, especially in the winter.

In September 2012 a presentation was made to The Grey/Bruce Medical Officer of Health and the Board of Directors. Fourteen Casualties submitted their experience by supplying a statement of their experiences. We were all looking for relief for symptoms that presented themselves after the commencement of the turbines in our area.

I remember how you came to my home on two occasions and tried to reassure me that there would not be a negative impact to my health, my property values, and that I would barely be able to see the turbines from my home. In fact you brought me an industry study on property values near IWTs that claimed that property values would in fact rise. You sent a photographer to photograph the view from our home and then superimpose the turbines so that I would be assured that they would not be invasive. How brilliantly you deceived me. The reality of massive 120 meter machines placed 1,400 meters to 3 kilometres from a home is drastically different from photographs of benign looking "windmills" peeping over the tops of trees. Since the installation of your project, 6 families have moved away sitting the IWTs as the reason. Some just walked away; others suffered a huge financial loss on the sale of their property.

So while you, Mike continue to meet your investment criteria, I hope that you will remember that it is because of the suffering of so many individuals; babies, children, young adults, middle aged people and the elderly that you reap your benefits. Eventually it will no longer benefit the "common good" because the critical mass will become to great.

Thank you for taking the time to become informed. I'm guessing that the last 4 years have just flown by for you while we suffer a slow agonizing existence.

Sincerely,
Virginia Stewart Love

From: Mike Crawley
Sent: Tuesday, February 02, 2016 10:18 AM
Subject: Mike Crawley - Contact information

As some of you may know, I joined Northland Power this past July. Belatedly, attached and below please find my new contact information. For those in the power sector, Northland Power (www.northlandpower.ca) is pursuing wind, solar, pumped storage and thermal generation opportunities in Canada, Europe and Mexico. We are also open to considering good opportunities in other jurisdictions that meet our investment criteria.

Best regards,

Mike

Mike Crawley | Executive Vice President
Northland Power Inc.

d: 647 288 1066 | m: 416 554 8513



4. Publications by medical professionals indicate that, at the typical setback distances in Ontario, the overall magnitude of the sound pressure levels produced by wind turbine generators does not represent a direct health risk. This includes noise at low and infrasound frequencies.
5. The audible sound from wind turbines, at the levels experienced at typical receptor distances in Ontario, is nonetheless expected to result in a non-trivial percentage of persons being highly annoyed. As with sounds from many sources, research has shown that annoyance associated with sound from wind turbines can be expected to contribute to stress related health impacts in some persons. The relationship between the sound level and the prevalence of annoyance is complicated, and is often influenced by other non-acoustic factors. It should also be noted that this situation does not relate exclusively to the low frequency component of the audible noise impact of wind turbines.
6. Indoors, the low frequency components of a sound from the outside can become emphasized by room and structural characteristics. There is evidence to suggest that some people may be particularly prone to annoyance from sounds with strong low frequency components. Complaints of low frequency noise described in the literature are commonly related to indoor noise. The measurement of indoor low frequency noise is complicated by a number of factors and, internationally, more sophisticated measurement and assessment guidelines have been developed to address these problems in recent years.
7. The measurement of infrasonic sound pressure levels is more difficult than the measurement of sound levels in the audible range. More sophisticated instrumentation and transducers are required to extend the range down to a very low frequency, on the order of 1 Hz. In addition, the wind itself can strongly excite the microphone, leading to acoustic signals at frequencies in the infrasonic range. Conducting infrasound measurements using an in-ground system, such as that developed by NASA, or conducting measurements within residences can reduce the influence of the wind on the microphone.

http://www.hc-sc.gc.ca/ewh-semt/consult/2013/wind_turbine-eoliennes/question-eng.php

Questions and Answers: Health Canada Wind Turbine Noise and Health Study

1. Why is Health Canada conducting research into the possible health effects of wind turbine noise?

Health Canada is aware of health-related complaints from individuals living in close proximity to wind turbine establishments. Globally, wind energy development is an area of expansion, and research is underway to support a broader evidence base on which international jurisdictions can base decisions.

Health Canada has expertise in measuring noise and assessing the health impacts of noise because of its role in administering the *Radiation Emitting Devices Act* (REDA). As defined under REDA, noise is a form of radiation. This expertise can contribute to global efforts to increase knowledge related to wind turbine noise.

Wind Turbine Noise and Health Study: Summary of Results

5.1 Community Annoyance as a Measure of Well-being

Studies have consistently shown that an increase in noise level was associated with an increase in the percentage of the community indicating that they are "highly annoyed" on social surveys. The literature shows that in comparison to the scientific literature on noise annoyance to transportation noise sources such as rail or road traffic, community annoyance with WTN begins at a lower sound level and increases more rapidly with increasing WTN.

Annoyance is defined as a long-term response (approximately 12 months) of being "very or extremely annoyed" as determined by means of surveys. Reference to the last year or so is intended to distinguish a long term response from one's annoyance on any given day. The relationship between noise and community annoyance is stronger than any other self-reported measure, including complaints and reported sleep disturbance.

Casualties #'s 1, 2, 3

To the Grey/Bruce Health Unit Board,

My name is A.F. I live in the township of Melancthon, near the Melancthon – Artemesea Town Line. This is an official complaint and I would like it to be public record.

Shortly after the turbines started my wife and I began to experience dizziness, depression, high blood pressure, ringing in the ears, and sleep disruption. Our grandson, who is 2 years old stays overnight once or twice a week, has experienced a severe nose bleed which covered his pillow and blankets in blood. He does not have a history of nose bleeds. He has always been a good sleeper, but recently when he stays the night he wakes up crying. He does not do this at home. His bedroom in our home is closest to the wind turbines.

My wife now has high blood pressure and dizziness and depression, which subsided when she left for a couple of weeks. When the noise is extreme I find myself in a position that I can not think or function. I've also been having rapid pulse shortly after the turbine started. I lack energy and I am depressed and I do not even want to go home any more to my home which I've resided at since 1989. I can not sleep any more; it is effecting how I

perform at work as I am tired from lack off sleep. I have lost my will to be an outdoors person; we just don't go outside anymore.

I have had the MOE at my home 3 times to monitor noise from turbines. The first MOE officer that did the monitoring told me I live between a rock and a hard place because of my location on Hwy 10 and turbine noise coming from an area out of their jurisdiction.

I was also told that the turbine could be as loud as any background noise no matter how loud this might be. I have since had MOE from Owen Sound come out and monitor turbine noise at times of very low winds. I was told by the responding MOE officer that she would just be monitoring traffic noise at 6:00 pm and 8:30pm. I tried to make her aware that traffic noise stops during the night and the turbines don't. She informed me that she doesn't work at these hours even though the protocol recommends measurements are performed late in the evening or night time. If I were to make this kind of noise all night long I would be arrested. Winds from north or south are when noise is unbearable. I live in an area of a lot of trees and noise is trapped in here and not filtered out as we are lead to believe.

We are so desperate to regain our health that we are close to walking away from our home. How could we possibly sell this house to another family knowing that we are becoming ill from turbines?

Regards,

A.F and S.M.

Casualty # 4

My story...

I moved to grey bruce to get away from noise that was not letting me sleep through the night-cars racing down the nearby (30M) main street in Brampton. When I moved into my current house, I noticed a huge improvement in my sleep and therefore my energy during the day.

When the IWT were put online, I noticed a decline in my sleep and therefore my daytime energy. My boss has noticed a huge difference in me since about march when the IWTs had been running for weeks on end.

I have taken sick days to sleep, I am late once or more a week. I have fallen asleep at my desk, or in the washroom.

I yawn throughout the day. I am moody, short tempered, and lethargic. My boss knows what the cause is, since this all magically happened about the time the IWTs were put online.

I have called the MOE to complain the few times I could hear them through my pillow.

I stayed at my parents over the long weekend, I was in a single bed that is at least 25 years old. I had a sore back, I know I woke up many times during the night to get comfortable. The thing is, I felt like a million dollars the next day...even with a sore back....because I got a proper restful sleep...of some sort...which I am currently not used to. The day following that, I stayed in a room at my grandpas. This bed is 50+ years old, I slept amazing, I was astonished. I had 6 hours of driving after that and did not feel tired at all.

I really wish...if I could only make one wish....that the IWTs near my home were turned off at night, when they cause the most harm to the people trying to sleep.

Regards
Mark

Casualties # 5, 6

My family and I are extremely disappointed that the Ontario Government failed to conduct a community health study prior to the installation of the wind turbines near my home.

My wife and daughter are experiencing migraine headaches, insomnia, and nosebleeds. We believe these ailments are related to the wind turbines near my home.

These ailments did not occur prior to the turbine installation.

Please include this letter at the meeting and as part of the public record.

Thank you,

J.D.

Casualty #7

D.K.
Grey Highlands
Aug. 6, 2012

*To Whom it may concern,
This used to be a great place to live! Peaceful and quiet. Now it seems like living in a WASHING MACHINE! You can't sit outside after dark due to the constant noise on breezy nights. I have six wind turbines all around my house. The noise even comes through your pillows at night! Can't sleep due to the constant noise, and this is affecting my job performance! I have to close all my windows on nice summer nights to try to STOP the DARN NOISE! I have buzzing in my ears and lots of sleepless nights. Also the flicker effect, in the early evening bombards my house.*

These windmills are bothering my whole family. People who say that these are great should stop and try to get an understanding of what we are going through.

HELL!!!!

We have had people from down south (Brampton/ Toronto) who ask " How the Hell can you live here?"

Well, we can't move /sell our house because, who in their right mind would buy around this area? This home was my retirement place to live, now I'm out property value. Thanks a lot!

People who write in the papers that there are NO problems with the windmills , should stop by and stay a while. NOT JUST INTERVIEW FOR TEN MINUTES!!

It's disgusting how the people, who have these wind turbines on their land say they have no problem with them, when they are closer than us! It's a GAG order!

I know of people who have these and wish they never installed them! They have lost friends, neighbors and use of other farms, because of their money-hungry ways! The pay-off is a complete joke!

In closing SHUT THESE OFF, UNTIL A STUDY IS DONE! Let us get back to the way country living is supposed to be. QUIET and PEACEFUL!

*Yours Truly,
D.K.*

Casualty #8

L.B.

Grey Highlands

To Whom it may concern,

This letter is concerning the health effects and noise of the wind turbines, or the non-existing health effects, according to the experts doing the so called "studies." I have lived in this area for many years enjoying the peaceful country life and when I heard of the wind turbines coming into my backyard, I was very upset. We tried stopping this project but, of course, did not succeed. It was apparent that big business and money meant more than the concerns of the area residents. So in come the turbines. I have six turbines around me, ranging from 700 metres to 1500 metres

away from my house. Oh, and to mention they were all up before the election last October. Coincidence? I don't think so. The turbines started running in February of this year. In my mind I thought, okay, they are here, but they probably won't bother me health wise, even though I had read about the health issues concerning the wind turbines.

I was fine for the first two to three weeks. I thought, hey I'm one of the lucky ones, but things then changed. In March of this year I started to experience sleepless nights, ringing and pressure in my ears as well as pressure in my temples. This continued on non-stop and if this is living Hell, well then welcome. The noise from these giant windmills is horrific. With them, brings a flicker effect through the house every night when the sun is going down. We have to close our windows and blinds to keep that flicker effect as well as the noise down. Nice way to have to live, huh? In the evenings, to sit outside is NOT enjoyable. Instead of listening to the peacefulness we once had, we now have to endure what sounds like a 400 series highway in our back yard. The people doing these so-called health studies for wind turbines obviously do NOT have to live near them. The wind turbines are effecting my health as well as my livelihood. Thanks, thank you very much.

Anyone who believes that the wind turbines do not have any ill-effects, come and live in my world, that way you can really experience what it is like, and let me reassure you that it is NOT pleasant, and should NOT have to be bared by the people in this community.

Sincerely,

L.B.

Casualty # 9

I am giving Virginia Stewart Love permission to share the following info. with the Grey Bruce Health Unit and with Dr. Hazel Lynn:

1. Health-- I have been having intense pressure in the head and ears, as if someone were forcing air into my ears beyond the volume-capacity of the inner ear. Additionally, I have experienced extreme heart palpitations, whereby it feels like one might not be able to breathe.

I was not impacted by these symptoms prior to the date the turbines started operating.

2. Noise-- The pounding and shrieking noise of the 9 turbines behind my house make walking and kayaking on the property (186 Acres) a distinct Non-pleasure.

3. Symptoms began after Feb. 2012.

It is undemocratic and legally questionable that I cannot enjoy my property or have normal good health because these turbines have been forced on me, for the benefit of foreign countries' corporations.

L.P.

Casualties # 10, 11, 12

My name is M.G., I reside at [REDACTED]

I have been experiencing dizziness, headaches, once even shooting pains in my head as if something were piercing my skull, head and ear pressure as though I am descending rapidly in an airplane, and ringing in my ears. I have loose bowels, pounding in my chest and on occasion I have had vibrations within my body while lying in bed which become difficult to tolerate. I am awoken in the middle of the night experiencing one or more of these symptoms. Many times I feel some of these effects in the day time.

I began to notice some of these symptoms while on my daily walk towards the end of February 2012 after an array of industrial wind turbines began operation. As I experienced more events I began to record them along with the Environment Canada weather conditions of the day in a day planner. Soon it was evident that there was something amiss. I placed my first call to the MOE spills action hotline on Tuesday April 17th. This was the beginning of many complaints filed to either the Spills Action Center or to the Owen Sound District Office in Owen Sound. On April 27th we had a visit from the MOE Owen Sound district Office. I have included my recap of the meeting with this document.

I had to enlist the aid of a legal advisor to attain my own statement to the Owen Sound District Officer's report without a freedom of information request. The District Manager's response to my request was demining and condescending, full of platitudes as to how there is no scientific evidence that demonstrates that I am being impacted by low frequency noise or vibration from industrial wind turbines. He encourages me however to continue to call Spills Action Center when I feel I am experiencing noise impacts so that the ministry can respond appropriately. In all the time I have reported my complaints I have never felt that the MOE has responded at all. For that matter neither has the Plateau Wind Farm Company.

I am aware of one other occasion that the MOE officer came to my area. She informed me that she was here to take noise measurements. She set up across the road from our home on a day that was not windy and the turbines were not turning.

My Daughter who has been home from University began to experience ear pain and sleeplessness shortly after her arrival. When she said to me that she thought that she might have caught her dog's ear infection, I became alarmed.

My two year old granddaughter has complained of her ears hurting as she puts her hands to the side of her head. She does no such thing when she is at home in Collingwood.

Our family and our home has always been the center of our lives. It is our sanctuary and the place where we all come together. I fear for the well being of my children, their spouses, my grandchildren, and anyone else who comes to stay for an extended visit. I cannot abide that they would experience for one moment what I am suffering.

I have become disillusioned and less ridged in my reports (ie. time and weather conditions etc.) and make them via email so as to have a written document of my complaints. Life has become exhausting. I find myself being forgetful about plans or obligations that have been made and even the loss of my words. I no longer take daily walks as I am fearful of walking to close to the turbines. This is no way to live.

M.G.

Casualties # 13, 14

**Grey Bruce Health Unit Board
Tues. Sept. 18, 2012**

We are F.R. and T.P. living on a (productive) 100 acre farm within the Maxwell-Hatherton wind project.

We are supporters of renewable energy and initially supported wind development. The manner in which Industrial Wind Turbines (I.W.T) are being sited and forced into rural Ontario (eg. Plateau -Grey Highlands) has changed our perspective. We do not support I.W.T. being sited 550 metres from the centre of homes. This has resulted in the health of

some receptors being negatively impacted. Renewable energy must be implemented in a safe and socially acceptable manner.

It is wrong to saturate areas of rural Ontario (where families are living). The accumulative (noise) effect increases as the number, size and density of turbines increases.

This letter will focus on health impacts and reasons for a request for assistance from Doctor Hazel Lynn and the Grey-Bruce Health Unit Board.

I was born in Toronto and have lived on South Kingsway and in Willowdale, Agincourt, Scarborough and Brampton. My husband has lived near and in Brampton before moving to Grey Highlands. We have experienced all the noise (traffic, neighbors, sirens etc.) that living in an urban centre entails. It is very different from living in an almost, quiet rural setting.

It is totally different from living near or in an industrial turbine array! Do not call a turbine array a wind farm. Call it-- what it is --an INDUSTRIAL SITE!

The extent to which I.W.T. permeates your life, has to be personally experienced (over a period of time) to fully understand it. The best descriptive word to apply to audible wind turbine noise is "INCONSISTANT".

Stress is part of everyday life-- but prolonged stress can compromise the status of one's health!

We consider ourselves to be negatively impacted by I.W.T. in the following ways:

1. Social Fabric of the Community:

- anger/stress is percolating within the community.
- the health of a rural community depends on consideration and support for neighbours.

2. Audible Noise:

- we have never used air-conditioning (to conserve energy-cost)-- but would open windows to cross- ventilate. During hot, humid nights (with the turbines running) we kept our windows closed.

There are three types of audible "cyclic" noise.

- a. a jet flying constantly overhead.
- b. a mechanical screech
- c. whoosh-whoosh-whoosh-whoosh-whoosh-whoosh-whoosh etc.

This noise is definitely different from a running refrigerator or a vacuum cleaner-- especially when you can't turn them off!

Computer modeling cannot adequately calibrate the impact experience of this audible noise.

Can levels and variations in low-frequency noise be measured and monitored?

This is important!

What will be the long-term affects of audible and inaudible noise ?

3. Decrease in the enjoyment of our property.

4. Some neighbors are suffering health effects-- that were not present before the turbines started generating.

We repeat the request for an investigation into the health impacts of constituents living within the Maxwell- Hatherton wind project. Residents are being impacted (some more so than others).

Please place this letter in the Public Record. Thank you for taking the time to read and consider this letter.

Sincerely,

F.R. and T.P.



Access to Information and Privacy Division
7th Floor, Suite 700, Holland Cross, Tower B
1600 Scott Street
Address Locator: 3107A
Ottawa, Ontario K1A 0K9

JUL 02 2013

Our file: A-2013-00280 / hm2

Virginia Stewart Love

Dear Ms. Stewart Love:

This is in response to your request under the *Access to Information Act* (the *Act*) for: **All records of notification of health impairment and/or, health effects, including emails, letters, faxes, telephone or other communications submitted to Health Canada by the manufacturer or importer of a radiation emitting device (Industrial Wind Turbines and/or Transmission Stations), Aim PowerGen, International Power Canada Inc, IPC-GDF Suez, GDF Suez Energy International, GDF Suez Energy North America and, Plateau Wind Inc, between March 1 2012 to present date (June 4, 2013) for the following project: Plateau Wind Farm located in Grey Highlands Municipality, County Grey, Ontario.**

After a thorough search for the requested information, no records were located which respond to your request.

If you have any questions or concerns about the processing of your request, please do not hesitate to contact Hussein Moussa, the analyst responsible for this request, either by phone at (613) 614-8616, or by fax at (613) 941-4541, or by e-mail at hussain.moussa@hc-sc.gc.ca with reference to the file number cited above.

Please be advised that you are entitled to complain to the Information Commissioner concerning the processing of your request within sixty days of the receipt of this notice. In the event you decide to avail yourself of this right, your notice of complaint should be addressed to: Information Commissioner, Tower B, Place de Ville, 112 Kent Street, 22nd Floor, OTTAWA ON K1A 1H3.

Yours sincerely,

for
Amanda Wilson
Coordinator, Access to Information and Privacy Division

Canada

Municipality of Grey Highlands
Regular Council Meeting
March 14, 2016
Doug Dingeldein – Unscheduled Delegation

Thank you for giving me a few minutes to address Council.

You've heard Ginny Stewart Love highlight the tragic health impacts on people who live near industrial wind turbines. Ginny's concerns should not go unanswered. What is needed is an inter-disciplinary approach to address community health concerns. Acoustician studies linked to health studies can provide answers.

Turbine-generated infrasound is one of the key elements implicated in these negative health impacts, but despite the pleas of hundreds of families, senior levels of government have turned a deaf ear and refused to gather appropriate data.

Later in this meeting, Council will consider a resolution authorizing the Deputy-Mayor to work with Staff to develop a scope of work and issue a Request for Proposal to initiate a baseline infrasound noise study in the municipality.

I wholeheartedly support this initiative. I believe such initiatives are consistent with the Municipal Act which says that municipalities have an important role in protecting the health, safety and well-being of their constituents.

Three new wind projects have been approved for our municipality – one is about to begin production. Doing a baseline infrasound study now before the new projects come on line, will enable our municipality to document our existing soundscape.

Likely, some portion of the residents in our community living near these new projects will become sick. It will be extremely valuable to have expert documentation we can use to support these people. Comparing pre- and post start-up soundscapes can support a claim that the turbines have precipitated the health concerns.

I urge Council to respond positively to Ginny's requests as well as support unanimously the infrasound resolution.