

## Wind Turbine Effects on Horses

We moved from White to get away from Wind Turbines. Now we are in rural Goodwin and are dealing with them again. We hate the thought of having to move again. We have been a retirement home for horses from a therapeutic riding center for almost 30 years. Rio, was an exception, he came from a cancer patient friend of mine, who could not take care of him anymore. Last May, Mister, our 38 year old (which is very old for a horse), health started to fail. We knew we were going to have to put him down, which the vet confirmed. Instead of getting another horse, like we would have done, because of the wind towers, we decided not to. Most horses have to have a buddy or they will go ballistic by themselves, Rio would go ballistic. We found a turbine area free home for Rio with 3 other horses.

You may ask, why didn't we just get another horse? We don't want to torture our animals with the noise, shadow flicker, vibration, air turbulence, low frequency noise, stress, etc. Horse's reaction would be to run away from all the effects.

A study was conducted by then PHD candidate Mariana Alves-Pereina, after horses born or raised developed asymmetric flexural limb deformities shortly after wind turbines became operational in November 2006. There were no other changes in the area during that time.

Mariana wrote "Tissue analyses of the defected tendons were preformed and revealed the classical features of Low Frequency Noise (LFN)-induced biological responses: thickening of blood vessel walls due to proliferation of collagen in the absence of an inflammatory process."

The study on 11 foals showed issues with front limb, including coffin/pedal bone rotation and clubbed feet. Several of the horses had to be euthanized. The towers were installed 984-2297 feet from their farm. The study showed healthy horses brought into the farm showed adverse effects shortly afterwards.

I have also read that dairy cows will not produce as much milk. There has been a higher death rate among calves, and other animals. We know they are bird and bat killers.

If that what is does to horses, what does it do to cattle, other animals, and what does it do to us?

How many people in the 3 counties participants and non-participants understand what kind of effects the wind turbines are going to have on them? They won't hear it from NextEra. The setback should be at least 2 miles from ALL residences in town and rural. Personally, I would prefer 10 miles.

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8/25/19



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