

Kristi Mogen
15160 471st Ave
Twin Brooks, SD 57269
August 6, 2018

Dear Grant County Planning and Zoning Board:

I am very concerned with the presentation and discussion that has taken place at the 2 previous one hour, no public input, planning and zoning meetings on WES ordinance review. It is the job of the Planning and Zoning Board to follow the authority it has been given, as outlined on page 7 of the Grant County Compiled Ordinances, Section 103 and Section 104 outline (included post signature). The Board is to protect public health and safety as well as property values. So far, many on the board either seem very uninformed or more concerned with their own financial interests or that of an out of state, subsidy drawing, half-truth telling, profit driven at all costs boulevard associate (shell corporation).

The maps presented on July 10th, show setbacks for 1,000 feet, 1,500 and one mile. It looks as if the presented maps only took into consideration of zoning turbines in or out of areas. Did the maps take into consideration aquifers, infrastructure, topography, current land use? Where is the setback information based on public health and safety? Does the Board want to sentence Grant County residents, employees, tourists, hunters and travelers to live in bullet speed random ice throwing ranges? Did the maps take into consideration the sleep depriving audible noise (up to two miles) the organ killing inaudible pulsating noise (infrasound that has been measured in Colorado, 30 miles away from a specific turbine) the strobe like tortuous flicker (goes as far as 10 rotary diameters away) and the effects on environment, humans, livestock, wildlife, pollinators and birds? Has the Board reviewed turbine safety manuals, requested professional evaluations from people other than the wind industry, reviewed articles concerning impacts from owning property and living in an industrial wind turbine plant?

One report comes from Brown County Wisconsin, where it was determined the Shirley Wind Plant with just 8- 2.5mw turbines, 500 feet in height was a public health hazard¹. Infrasound (pulsating noise lower than human hearing) was recorded 6.2 miles away from the turbines, health complaints associated with infrasound up to 4.2 miles away from the turbines. Dr. Jay Tibbitts "80 people are on record who have health complaints including a nurse who is going deaf" Dr. Tibbitts also refers to 40 families in Ontario, Canada who have abandon their homes due to the effects (headaches, seizures, vertigo, tightening of the chest, sleep disturbance to name a few) of turbines. In that case infrasound was measured in homes, 10 miles from the turbines. Has the board requested reports or conversations with Dr Tibbitts or acoustician Richard James? I can assist with their contact information.

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At the Dakota Range PUC hearing in June of this year, Commissioner Nelson stated “ My personal opinion, I don’t know if the setbacks these countries have is sufficient..... (Commissioner Nelson knows Clark County is ¾ mile setback) Greater setbacks eliminate some of the rubs we see.....” During the Crocker Wind PUC hearing, the acoustician David Hessler told the PUC Commissioners, the only way to mitigate turbine issues is with distance.

I know from experience and stories from small town residents, if Grant County allows unsafe industrial wind turbine setbacks Grant County will turn into an industrial wasteland, lose residents, employees, shoppers, tax base, school children and change its agricultural practices. By allowing industrial turbines the county is affirming, it is ok with residents having higher electric rates and taxes and willing to put the county at economic risk. What will happen if the Planning and Zoning Board makes the educated decision and finds that there is not a safe place in Grant County for industrial wind turbines? The county will show it values people by protecting public health and safety of all people in the county. The county and many residents will avoid trespass and nuisance lawsuits, that are being won in other states. The county will protect property rights and property values and tax base. When the county uses its power to protect the people and the environment the county will thrive and attract tourism, new businesses and employees to the area.

Sincerely,

Kristi Mogen

¹<https://www.michiganapitolconfidential.com/20690>

Section 103. Provisions of Ordinance Declared to be Minimum Requirements. In their interpretation and application, the provisions of this Ordinance shall be held to be minimum requirements, adopted for the promotion of the public health, safety, morals, or general welfare. Wherever the requirements of this Ordinance are at variance with the requirements of any other lawfully adopted rules, regulations, ordinances, deed restrictions, or covenants, the most restrictive or that imposing the higher standards, shall govern. [Ord. 2004-1] Section 104. Purpose. These regulations have been based upon the Grant County Comprehensive Land Use Plan adopted by the Board of County Commissioners and are in conformance with Chapter 11-2 of the South Dakota Compiled Laws. These regulations are designed to carry out the goals and objectives of the plan, but especially to lessen congestion in the streets; to secure safety from fire, panic and other dangers; to promote health and the general welfare; to provide adequate light and air; to prevent the overcrowding of land; to avoid undue concentration or scattering of population; and to encourage a distribution of population or mode of land utilization that will facilitate the economical and adequate provision of transportation, water, drainage, sewerage, schools, parks, or other public requirements. These regulations have been made with reasonable consideration to the character and intensity of the

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various land uses and the need for public facilities and services that would develop from those uses. These regulations are necessary for the best physical development of the county. The regulations are intended to preserve and protect existing property uses and values against adverse or unharmonious adjacent uses by zoning all unincorporated land except those areas where joint zoning jurisdiction has been granted to a municipality. [Ord. 2004-1]