

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF SOUTH DAKOTA**

**IN THE MATTER OF THE
APPLICATION BY CROWNED RIDGE
WIND, LLC FOR A PERMIT OF A
WIND ENERGY FACILITY IN GRANT
AND CODINGTON COUNTIES**

*
* **Motion to Amend Mitigation Plan of the**
* **Sound Study Protocol of Crowned Ridge**
* **Wind, LLC, Fall 2021**

EL19-003

MOTION OF AMBER CHRISTENSON

Amber Christenson hereby submits a Motion to Amend the Mitigation Plan of the Sound Study Protocol of Crowned Ridge Wind, LLC, Fall 2021, to include study of the property of Amber Christenson.

On April 1, 2021, during the regularly scheduled meeting of the Public Utilities Commission, the Commission entertained, amended and approved a Motion by Crowned Ridge Wind, LLC to approve its mitigation plan regarding a sound study to be conducted in the fall of 2021 in the Crowned Ridge 1 project area. Contributing to the discussion were Amber Christenson, PUC Staff, Dr. David Hessler, Richard Lampeter and attorneys Brian Murphy and Miles Schumacher representing Crowned Ridge Wind, LLC. The sound study to be conducted in the Fall of 2021, is a follow up study to the sound study conducted in the Fall of 2020, where Crowned Ridge Wind, LLC was found to be out of compliance of Condition 26 of their permit issued by the PUC in July of 2019.

Amber Christenson asserts the results of the sound study conducted on her property in the Fall of 2020 are flawed. According to testimony of Dr. Hessler and Richard Lampeter, monitoring equipment placed near trees can distort and obstruct the accuracy of the recordings, thus the accuracy of the findings.

Further, the testimony given to the Commission on April 1, 2021 by Hessler and Lampeter, the Lindgren property was not studied in the Fall 2020 study because of the trees and buildings obstructing equipment within 25' of the home. Here is a picture of the Lindgren property for your consideration:

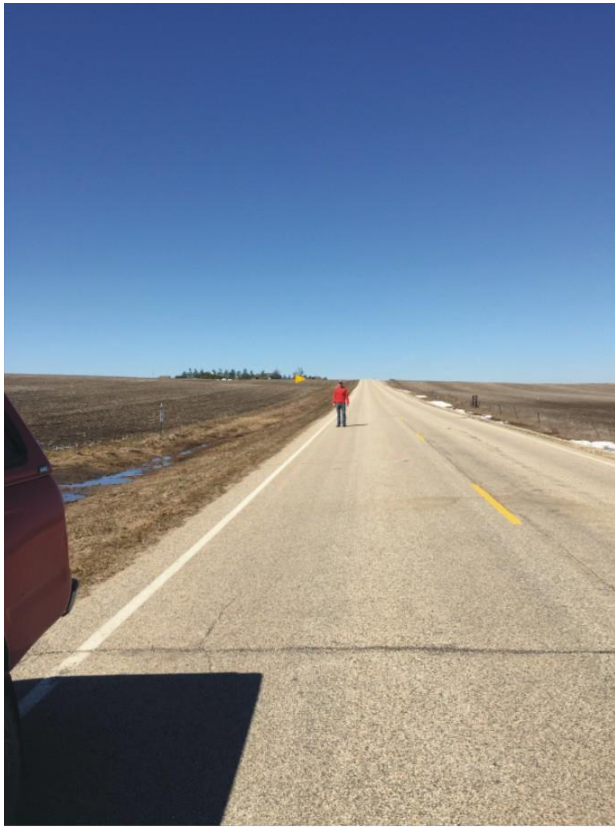


In comparison, here are pictures depicting the northern property area of the Christenson property. The monitoring equipment was placed on the edge of the tree line, in the center as depicted by the red arrow. Other pictures depict the spaces on either end of the tree line where equipment could have been placed to avoid the tree interference. If, as in testimony, trees affect the outcome of the study, the equipment should have been placed on either the west or east end

of the tree line, as far away from the trees as possible. I am also attaching to this Motion, the graphs of submitted to the Commission showing the noise levels on the days most affected by the turbine noise. You will notice the sound on the Christenson property (Location 6) was consistently louder than other studied properties. If you would kindly refer back to the entire study's contents, you will see the Christenson property sound levels were very high as compared to other properties, I contend the tree noise skewed the results of the study considerably.



Christenson northern property line



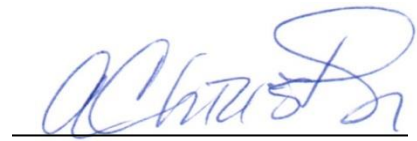
West end of northern property line - no trees

Included in this motion, I request the Commission to have the monitoring equipment placed within 25' of my home as noted in Condition 26. As Mr. Kearney testified on April 1st, the goal of the study is to compare the actual measurements of what was submitted to the Commission for the Evidentiary Hearing comparing the modeled sound to the actual sound.

Also I request the Commission modify the study to include the shutting down of Crowned Ridge 2 turbines during the shutdown periods. Crowned Ridge 2 shut down Crowned Ridge 1 turbines during their recent 2021 study, additionally, the sound modeling in the docket 19-003 included the combined noise level of Crowned Ridge 2.

For the foregoing reasons, Amber Christenson respectfully moves that the Commission approve the afore mentioned amendments to the Sound Study Mitigation Plan as an appropriate response to the failure of the monitoring equipment placement and the failure to shut down the adjacent Crowned Ridge 2 project to more accurately reflect the background sound levels in the project area.

July 29, 2021

A handwritten signature in blue ink, appearing to read "Amber Christenson", is positioned above a horizontal line.

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