

Ministry of the Environment,
Conservation and Parks

Ministère de l'Environnement, de
la Protection de la nature et des Parcs


Environmental Permissions Branch

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October 12, 2022

To: 
Asset Management
Nation Rise Wind Farm Limited
219 Dufferin St., Unit 217C,
Toronto, ON M6K 3J1

**RE: Acoustic Audit Review Summary- E-Audit Report (Condition F)
Nation Rise Wind Farm Project: REA No. 0871-AV3TFM
United Counties of Stormont, Dundas and Glengarry**

Dear 

I have completed our review of the acoustic emission audit (E-Audit) report prepared by Aercoustics Engineering Ltd. which addressed the emissions from the facility, report titled "*Nation Rise Wind Farm / Turbine T12 IEC 61400-11 Edition 3.0 Measurement Report*", dated September 23, 2022 (Revision 3), signed by Nicholas Tam, Kohl Clark, and Duncan Halstead, P.Eng.

I concur with the Statement of Compliance in the E-Audit Report (Appendix F.02 -Summary of Measurement Results), reproduced here for reference:

"1.3 Statement of Compliance

Based on the results in Table 12 of the IEC 61400-11:2012 test report to which this statement is attached, the maximum apparent sound power level of the test turbine complies with the sound level in REA # 0871-AV3TFM, the most recent AAR and Section E3.1 of the MECP Compliance Protocol for Wind Turbine Noise.

Based on the results in Table 14 of the IEC 61400-11:2012 to which this statement is attached, the maximum tonal audibility of the test turbine is below the warranty tonal audibility of 3 dB indicated in the statement from the manufacturer in Appendix F of the Noise Impact Assessment Report dated May 31st, 2019.

The maximum measured tonal audibility is also below the 3 dB threshold indicated in Section D3.8.3 of the MECP Compliance Protocol for Wind Turbine Noise. Therefore, the tonal audibility measured in this test does not present a concern regarding tonal audibility at the surrounding receptors."

The September 23, 2022 E-Audit Report was conducted in accordance with CAN/CSA-IEC 61400-11:13 (Ed. 3.0). It shows that the noise emissions from Wind Turbine T12 are in compliance with the applicable sound power levels set in REA No. 0871-AV3TFM.

By means of this letter, it is acknowledged that the Facility has fulfilled the requirements associated with Condition F (i.e., the E-Audit condition) of Renewable Energy Approval (REA) No. 0871-AV3TFM dated May 4, 2018.

In accordance with Sections E3 and E5 of the 2017 Compliance Protocol for Wind Turbine Noise (Protocol), your firm will be required to **post the acoustic E-audit report**, on the project website **within ten (10) days** of the date of this letter. The acoustic audit report, and any updates must be made available to the public on the project website for the life of the project.

If you have any questions regarding the above, please contact me at (437) 238-9038.

Yours truly,



Mahdi Zangeneh, PhD, P.Eng.
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cc: Ian Greason, Manager, Special Projects, MECP, EPB
Miroslav Ubovic, Noise Manager (A), MECP, EPB
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