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Subject: South Kent Wind Power Project
Daytime Immission Audit Measurement Plan
Aercoustics Project #: 13228.03

Date: July 14. 2021

Aercoustics Engineering Limited (Aercoustics) has been retained by South Kent Wind LP to complete acoustic immission audit (I-audit) measurements proposed for the South Kent Wind Power Project (SKWPP). SKWPP operates under REA #2871-8UKGPC, issued on June 15, 2012.

A Noise Abatement Action Plan (NAAP) was implemented at SKWPP which reduces the sound impact at receptor R2794 during nighttime hours by operating turbine T60 at a reduced noise operating mode. Although compliance with the sound level limits has been demonstrated through an E-audit at Turbine T60 in the reduced noise operating mode, the Ministry of the Environment, Conservation and Parks (MECP) has indicated concern that the daytime sound impact at receptor R2794 may not be compliant.

To evaluate whether the sound impact is compliant during daytime hours, SKWPP has proposed an additional I-audit campaign at R2794 to assess the daytime turbine sound impact. The proposed daytime I-Audit methodology is based on unattended measurements and generally conforms with Part D of the Compliance Protocol for Wind Turbine Noise; NPC 350, April 2017.

It is important to note that the I-Audit methodology will vary from Section D5.2 of the Compliance protocol in order to collect and analyse daytime measurement intervals. Intervals will be measured between 07:00 and 19:00 (i.e. daytime only).

The measurement methodology is as follows:

- A single measurement campaign will be carried out at the designated receptor with the aim to collect sufficient datapoints per MECP requirements.

- To quantify the noise contribution from factors other than the subject turbine(s), nearby turbines will need to be parked or turned on, according to site conditions.
- Meteorological data will be collected using an anemometer at a height of 10 m.

I-Audit requirements at R2794 necessitate sufficient data as per MECP requirements in downwind conditions. The downwind direction is not the predominant wind direction.

It is important to note that the campaign duration depends heavily on weather conditions and cannot be exactly predicted. Based on previous campaigns at this location, a minimum of 10 weeks is likely required to capture downwind conditions.

Data analysis, processing, and reporting can be completed within approximately 6 weeks of full measurement collection.

Table 1 provides a summary of the preceding information along with an approximate timeline for I-Audit measurements at R2794.

Table 1 – Approximate Daytime I-Audit Timeline at SKWPP Receptor R2794

Milestone	Approximate Duration	Anticipated Period of Completion
Monitor deployment	-	November 2021
Data collection	10+ weeks	November 2021 to February 2022
Data analysis, processing, reporting	6 weeks	February 2022 to March 2022

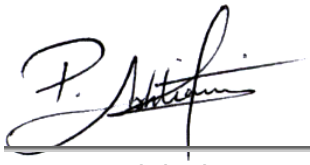
An interim I-audit report (and statement of completeness) or final I-audit report (and statement of compliance) will be submitted no later than March 31, 2022. Obtaining sufficient data for a final I-audit report is heavily dependent on weather conditions and cannot be guaranteed. If sufficient data is not collected during the given time, alterations to the proposed filters may be considered, in consultation with the MECP.

We hope this test plan provides a clear indication of our approach and methodology for daytime I-audit testing proposed for SKWPP.

Sincerely,

AERCOUSTICS ENGINEERING LIMITED

Allan Munro, B.A.Sc., P.Eng.



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