



**EAR**  
Enviro Acoustic Research

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**Ref:** Suurplaats changes

Savannah Environmental (Pty) Ltd  
PO Box 148  
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**Attention: Mr. John von Mayer**

Dear Sir

**SPECIALIST STUDY: NOISE IMPACT ASSESSMENT: PROPOSED SUURPLAATS WIND ENERGY FACILITY SPECIFICATIONS AMENDMENT REVIEW**

The above-mentioned issue and report ME-SP/NIA/201009-Rev 1 is of relevance.

Enviro-Acoustic Research and Menco cc was commissioned to undertake a specialist study to determine the potential noise impact on the surrounding sound environment due to the establishment of the Suurplaat Wind Energy Facility. The project is proposed on various farms near Sutherland, Western Cape. The facility is proposed to accommodate wind turbines rated between 1.8 - 3 MW each.

Following the completion of the mentioned specialist investigations the developer wishes to amend the layout to make provision for the following:

- **Increased Rotor diameter:** change of the rotor diameter envelope from 90m to 132m;
- **Increased generation capacity:** an increase to 1.8 – 4 MW per turbine; and
- **Amended turbine layout:** Certain turbines have been relocated to suite project specifications.

Subsequently a desktop assessment indicated the amended turbine layout will see turbines allocated further away from receptors, the noise levels may be less than original assessed. It is therefore recommended that the findings and recommendations of the original report be adhered to in terms of acoustics.

Should you require any further details, or have any additional questions, please do not hesitate to call me on the above numbers.

Yours Faithfully,

Morné de Jager  
Enviro-Acoustic Research cc