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Attachments

TECHNICAL MEMO – Sanirajak MET Site Recommendation

The information provided for this recommendation is based on the community feedback gathered from the Sanirajak Community Feast, hosted on November 23rd, 2022 and has since been updated following HTA and Hamlet Council meetings in March 2023. This recommendation is crucial as it will guide where to collect wind data, such as wind speed measurements and directions. This data is collected over a minimum of 12-18 months, and it is used to evaluate the average wind speed and direction over the course of the year.

It is important to note the meteorological survey equipment is different from the wind turbines, the equipment includes a meteorological evaluation tower (MET) equipped with wind speed and direction sensors. The construction of the wind turbines will follow only if there is approval of the wind site survey from the project team and community. **The MET is a temporary structure for the wind data collection and no turbines are being erected at this point in time.**

Community Feast Feedback:

The feedback gathered from the feast was generally positive. The wind area locations were congruent with the community’s interests and received no complaints. Two middle-aged community members supported the idea of renewable energy and were not concerned with the wind site locations if the equipment optimally functions. Generally, the community is welcoming the idea of renewable energy and is looking towards the completion of the projects and the opportunities it will bring to the community.

Wind Site Community Feedback from Feasts:

Wind	
Area No	Feedback
Area 1	No comments
Area 2	Good idea, Best idea
Area 3	No comments

Hamlet Council and HTA Meeting Feedback:

On March 15th, 2023, the Sanirajak Nukkiqsautiit Project team met with the Sanirajak HTA to discuss the preferred site, Area 2, based on the feedback received at the Sanirajak Community Feast in November 2022 and ask for their feedback and approval. It was identified that this site is a popular egg picking location, and as such a new location was recommended: an esker area west of town. The following week on March 20th, 2023, the Project team met with the Sanirajak Hamlet Council to discuss the updated MET location, answer questions, and receive feedback.

Recommendation:

The initial wind site recommendation for the Sanirajak Nukkiqsautiit Project was Area 2. Based on the most recent feedback from the Sanirajak Hamlet Council and HTA, the new recommendation is Area 4. Area 4 is feasible as a wind project site because its location lies outside the 4km Airport Buffer zone and

