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17 April 2013

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**Project:** Amherst Island Wind Energy Project  
**OPA Reference Number:** F-004563-WIN-130-601  
**Report Title:** Heritage Assessment  
**Applicant:** Windlectric Inc.  
**Location:** Amherst Island, Township of Loyalist, County of Lennox and Addington  
**MTCS File No.:** 11EA020

Dear Mr. Varley:

This office has reviewed the above-mentioned report (the "Report"), which has been submitted to this ministry as required under O. Reg. 359/09, as amended (Renewable Energy Approvals under the *Environmental Protection Act*) (the "REA regulation"). This letter constitutes the Ministry of Tourism, Culture and Sport (the "Ministry") comments for the purposes of section 23(3)(a) of the REA regulation regarding the heritage assessment undertaken for the above project.

The Report recommends the following:

**Study Results and Recommendations**

A total of 24 built heritage resources and four cultural heritage landscapes have been identified and assessed by this study for potential Project-related negative impacts. A summary of potentially affected resources and landscapes and recommended mitigation is presented in Table 25.

**Table 1: Summary of Recommended Mitigation**

BHR/CHL #	Address/Name	Recommended Mitigation
BHR 4	3500 South Shore Road	<ul style="list-style-type: none"><li>• Avoid Project activities within a 50 m bufferzone of structures on the property;</li><li>• in the event that Project activities within a 50 m bufferzone cannot be avoided, it is recommended that maximum acceptable vibration, or peak particle velocity</li></ul>
BHR 5	4125 South Shore Road	
BHR 6	2750 Front Road	

BHR 19	3475 Second Concession Road	(PPV), levels be determined by a qualified engineer prior to Project activities and that activities be monitored to ensure that maximum PPV levels are not exceeded. • All Project activities should cease if levels are exceeded until a solution can be determined.
BHR 20	4725 Second Concession Road	
BHR 21	5950 Second Concession Road	
BHR 7	3190 Front Road	• Avoid Project activities within a 50 m bufferzone of structures or dry stone walls on the property; • in the event that Project activities within a 50 m bufferzone cannot be avoided, it is recommended that maximum acceptable vibration, or peak particle velocity (PPV), levels be determined by a qualified engineer prior to Project activities be monitored to ensure that maximum PPV levels are not exceeded; • Prior to any Project activities within 50 m of the property, the dry stone wall and any building containing heritage value should be documented. Any damage resulting from the construction should be repaired to a pre-Project state immediately following construction.
BHR 18	Emerald 40 Foot Road and Second Concession Road	
CHL 4	Ferry Landscape	• Documentation of ferry landscape prior to the construction of permanent and temporary Project infrastructure.
CHL 1	Village of Stella	• Avoid Project activities within a 50 m bufferzone of any structures in the CHL; • in the event that Project activities within a 50 m bufferzone cannot be avoided, it is recommended that maximum acceptable vibration, or peak particle velocity (PPV), levels be determined by a qualified engineer prior to Project activities and that activities be monitored to ensure that maximum PPV levels are not exceeded; • Photographically record condition of burial vault and monitor its physical condition during construction process; • All Project activities should cease if levels are exceeded or change in physical condition of burial vault occurs until a solution can be determined.
CHL 3	St. Paul's Presbyterian Church	

In order to lessen or avoid potential indirect negative impacts from construction vibrations on BHRs 4, 5, 6, 19, 20 and 21 and components of CHLs 1 and 3, the following recommendations have been made:

- Project activities should be avoided within 50 m of identified BHRs and any structures or buildings within identified CHLs.
- If Project activities within a 50 m bufferzone cannot be avoided, maximum acceptable vibration levels, or peak particle velocity (PPV) levels, should be determined by a qualified engineer with previous experience working with built heritage resources under similar circumstances.

- Project activities within the 50 m bufferzone should be monitored to ensure that PPV levels are not exceeded.
- Photographically record condition of burial vault and monitor its physical condition during construction process;
- All Project activities should cease immediately if levels are exceeded, or changes to resources occur, until a solution can be determined.

With respect to the dry stone walls associated with BHRs 7 and 18, the following recommendations have been made:

- It is recommended that Project activities be avoided within a 50 m bufferzone of any dry stone walls.
- In the event that Project activities cannot be avoided within 50 m of any dry stone wall, the wall should be documented prior to the commencement of said activities.
- The stone wall should be assessed periodically by a qualified individual during Project activities to ensure that no damage is occurring.
- Project activities should cease immediately if vibrations are found to be resulting in damage until the wall can be adequately reinforced or supported.
- The stone wall should be evaluated by a qualified mason or engineer following Project activities to ensure that no damage has occurred and any damage to the wall should be repaired immediately following Project activities.

Finally, prior to construction of shoreline Project infrastructure, views from the Ferry Landscape should be more thoroughly documented, particularly towards the proposed locations of new permanent and temporary infrastructure. This documentation should include, at the very least, a photographic record of existing conditions and views.

Based on the information contained in the Report, the Ministry is satisfied that the heritage assessment process and reporting are consistent with the applicable heritage assessment requirements established in s. 23 of O. Reg. 359/09. Please note that the Ministry makes no representation or warranty as to the completeness, accuracy or quality of the heritage assessment report (please see Note 1).

This letter does not waive any requirements under the *Ontario Heritage Act*.

This letter does not constitute approval of the renewable energy project. Approvals or licences for the project may be required under other statutes and regulations. Please ensure that you obtain all required approvals and/or licences.

Please ensure that the proponent is aware that, if new information or substantive project changes arise after issuance of this letter, the applicant should discuss them with you to determine if any additional assessment or reporting is required. If additional reporting or

revisions are required, they should be submitted to the Ministry for review. Upon completion of that review, the Ministry will determine if any revisions to the content of this letter are required.

Should you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

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cc. Sean Fairfield, Senior Project Manager  
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Environmental Approvals Branch, Ministry of the Environment

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Note 1: In no way will the Ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional heritage resources are identified or the Report is otherwise found to be inaccurate, incomplete, misleading or fraudulent.