

NextEra Energy Canada, ULC

Amendment to the Natural Heritage Assessment and Environmental Impact Study - Summerhaven Wind Energy Centre

Prepared by:

AECOM

215 – 55 Wyndham Street North

Guelph, ON, Canada N1H 7T8

www.aecom.com

519 763 7783 tel

519 763 1668 fax

Project Number:

60284238

Date:

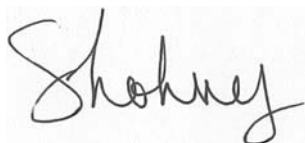
May, 2013

Distribution List

# of Hard Copies	PDF Required	Association / Company Name
1	1	Ministry of Natural Resources (MNR)
1	1	NextEra Energy Canada, ULC
1	1	AECOM
1	1	Ministry of the Environment (MOE)

AECOM Signatures

Report Prepared By:



Shelley Lohnes, B.Sc. (Hons.)
Ecologist

Report Reviewed By:



Marc Rose, MES, MCIP, RPP
Senior Environmental Planner

Table of Contents

Distribution List

		page
1.	Introduction	1
1.1	Description of Project Change	1
1.2	Rationale for Project Change	1
2.	Amendments to the Records Review.....	2
3.	Amendments to the Site Investigation.....	3
4.	Amendments to the Evaluation of Significance and Environmental Impact Study.....	5

List of Figures

Figure 1.	Proposed Layout Modification.....	4
-----------	-----------------------------------	---

List of Tables

Table 1.	Natural Features within 120m of new Access Road to Turbines 38 and 39.....	3
----------	--	---

1. Introduction

1.1 Description of Project Change

A new access road and collection cable route will be constructed on Lot 9, Concession 2, to connect Haldimand Road 3 (Rainham Road) to Turbines 38 and 39 to the north on an existing airstrip. The new access road and collection cabling will be constructed within the construction disturbance area illustrated on Figure 1. No other changes will be made to the Project Location or infrastructure.

1.2 Rationale for Project Change

The construction of the new access road and collection cable will allow access to two turbines. Currently the road allowing access to these turbines from the east is undergoing Stage 3 archaeological assessments that have been delayed due to the late spring, and subsequent flood conditions. Constructing the new access road will allow construction to begin at the two turbine locations and will allow the project to proceed according to schedule.

2. Amendments to the Records Review

There are no changes to the Records Review as a result of these changes. The proposed access road is located north of an existing collection line and south of Turbine 39. This area was part of the original REA submission and was evaluated in the NHA completed in May, 2011 (Golder, 2011).

3. Amendments to the Site Investigation

No natural features are found within 120m of the proposed access road to Turbines 38 and 39, as described in Table 1.

Table 1. Natural Features within 120m of new Access Road to Turbines 38 and 39

Natural Feature Type	Natural Feature ID	Location Details	Description of Feature from REA Reports	Source	Comments from Site Visit, May 24, 2013
Man-made Pond	239	North of Concession 3, within 120m of access road to Turbine 39	<ul style="list-style-type: none"> Does not meet O. Reg. 359/09 definition of "water body". Man-made pond 	Waterbodies Assessment Report, Golder, 2011.	Man-made pond has banks armored with limestone, and lawn is manicured up to the edge. No natural soils suitable for turtle nesting or overwintering are present.

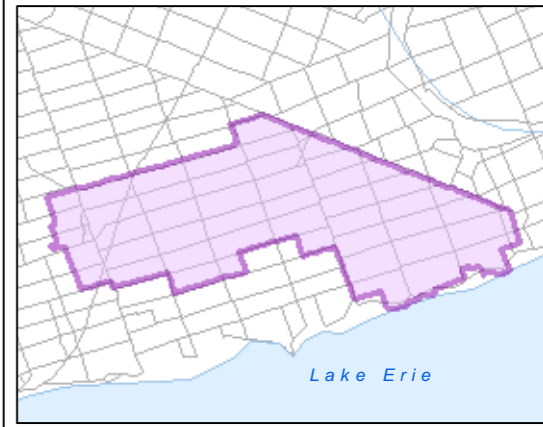
A site visit was completed on May 24, 2013 to confirm that site conditions had not changed since the NHA was completed, and it was confirmed that no new candidate natural features exist within 120m of the proposed access road changes.

Path: Q:\DATA\Projects\2012\RobFrizzell\Nextra\Propoal\Summerhaven_LC_T39_20130528_2.mxd



Legend

- Area of Investigation (120m)
- Project Location**
- Turbine
- MET Tower
- Collection Line
- Access Road
- Transmission Line
- Disturbance Area
- Proposed Layout Modifications**
- Disturbance Area Added
- Access Road Added
- Woodland Significant
- Watercourses
- Waterbody
- Properties



Produced by AECOM under licence from Ontario Ministry of Natural Resources, Copyright © Queens Printer 2012

UTM Zone 17N, NAD 83 1:504,983

This drawing has been prepared for the use of AECOM's client and may not be used, reproduced or relied upon by third parties, except as agreed by AECOM and its client, as required by law or for use by governmental reviewing agencies. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that modifies this drawing without AECOM's express written consent.

Summerhaven Wind Energy Centre

Proposed Layout Modification

May 2013
Project 60284238

4. Amendments to the Evaluation of Significance and Environmental Impact Study

There are no changes to the Evaluation of Significance and Environmental Impact Study as no natural features exist within 120m of the new disturbance area associated with this project modification.

Best Management Practices (BMPs) will be used during the construction of the access road as described in the Construction Plan Report (Golder, 2010).