



**Legend**

**Wetland Classes**

- Wetlands <0.5 ha. in size
- Wetlands between 0.5 and 2 ha. in size
- Wetlands >= 2 ha. in size

**Project Location**

- Permanent Meteorological Tower
- GE Turbine
- Access Road
- Collection Line
- Crane Path
- Substation & Laydown Area
- Disturbance Areas
- August 2013 - 120m Area of Investigation

**MNR Evaluated Wetlands**

- Provincially Significant Wetlands
- Locally Significant Wetlands

**Wetland Complex (Area of Influence)**

- Wetland Complex (375m)
- Wetland Complex (375m) (Within 120m AOI)

Refer to Appendix A of the Approved NHA and EIS for Parkhill Interconnect Infrastructure

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

0 400 800 1,600 2,400 3,200  
Metres

1:50,000  
UTM Zone 17N, NAD 83

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.

Jericho Wind Energy Centre  
NHA Amendment

**Wetland Units**

August 2013  
Project 60155032

Path: I:\GIS\External\GIS\spatial\MXDs\Report\MXDs\NHA\_Mapping\Jericho\60155032\_Jericho\_ProjectLocationWET.mxd

### 3.2.3 Woodlands

The site investigations conducted in support of this NHA Addendum include five previously identified woodland Features (WOD-126, WOD-180, WOD-182, WOD-263 and WOD-277) as well as three new woodland Features (WOD-097, WOD-111 and WOD-265) not previously described in the approved NHA and EIS. Therefore the attributes, composition and function of these Features were either revised or completed based on the results of the site investigations conducted in support of this NHA Addendum. These are summarized in **Table 5** (refer to **Table 3** for dominant species in each community) and the location of each Feature is shown on **Figure 3**.

Features WOD-097, WOD-111, WOD-263, WOD-265 and WOD-277 were carried forward to the Evaluation of Significance (refer to **Figure 3** for locations), as the changes to attributes, composition or functions of these Features required a new Evaluation of Significance. There were no changes to the attributes, composition or functions of woodland Features WOD-126 and WOD-182 as a result of site investigations conducted in support of this NHA Addendum. The woodland boundary of WOD-180 was refined during site investigations conducted in support of this NHA Addendum and as a result the total size of WOD-180 changed from 45 ha to 44.6 ha. The minimum distances from WOD-126, WOD-180 and WOD-182 to the Project Location remain the same as reported in the approved NHA and EIS; therefore these Features were not considered further in this NHA Addendum.

Due to the Project Location modifications, the following woodland Features are no longer within 120 m of the Project Location (refer to **Table 1** and **Figure 3**):

- Woodland Features WOD-273 and WOD-267 as a result of Modification A7;
- Woodland Feature WOD-262 as a result of Modification A3; and
- Woodland Feature WOD-261 as a result of Modification J2.

In addition, the minimum distances from Project infrastructure to woodland Features WOD-084, WOD-110, WOD-175, WOD-181, WOD-192 and WOD-201 changed as a result of the proposed Project Location modifications (refer to **Table 1**), but the attributes, composition and function of these Features remained the same as described in the approved NHA and EIS (and therefore are not repeated here). These Features did not require re-evaluation as a result of the proposed Project Location modifications. However, these woodland Features were carried forward to the EIS of this NHA Addendum to ensure that any potential effects of the modified Project components are addressed through the application of appropriate mitigation measures, if required.

**Table 5. Revisions to Woodland Features Identified Through the Site Investigation**

Woodland ID	Natural Area(s)	Minimum Distance from Project Location (m) <sup>1</sup>	Attributes			Composition	Functions
			Size (ha)	Forest Community Type	Woodland Age		
<b>WOD-097</b>	115, 116, <u>118</u> , <u>119</u> , 566	>0.1 (access road)	76.0	Deciduous Forest, Deciduous Swamp	Mid-age to Mature	As a result of Modification F3, the following communities are now within the 120 m Area of Investigation in Natural Area 118: <ul style="list-style-type: none"> <li>• Dry - Fresh Sugar Maple - Beech Deciduous Forest Type (FOD5-2)                             <ul style="list-style-type: none"> <li>▪ Inclusion: Norway Spruce - European Larch Coniferous Plantation Type (CUP3-9)</li> </ul> </li> <li>• Green Ash Mineral Deciduous Swamp Type (SWD2-2)</li> </ul> As a result of modification F3, the following community is now within the 120 m Area of Investigation in Natural Area 119: <ul style="list-style-type: none"> <li>• Dry - Fresh Sugar Maple - Beech Deciduous Forest Type (FOD5-2)</li> </ul>	Provides habitat for woodland plants and animals, carbon storage, and water and soil retention.
<b>WOD-111</b>	<u>383</u> , <u>117</u>	41.3 (access road)	4.3	Cultural Plantation/ Deciduous Forest	Young to Mid-age	As a result of Modification F2, the following community is now within the 120 m Area of Investigation in Natural Area 117: <ul style="list-style-type: none"> <li>• Black Walnut Deciduous Plantation Type (CUP1-3)</li> </ul> As a result of modification F2, the following community is now within the 120 m Area of Investigation in Natural Area 383: <ul style="list-style-type: none"> <li>• Fresh - Moist Sugar Maple - Hardwood Deciduous Forest Type (FOD6-5)</li> </ul>	Provides habitat for woodland plants and animals, carbon storage, and water and soil retention.
<b>WOD-126</b>	<u>145</u>	(no change)	5.1	(no change)	(no change)	No change to the composition of WOD-126 as a result of Modification D4.	(no change)
<b>WOD-180</b>	<u>340</u>	(no change)	44.6	(no change)	(no change)	No change to the composition of WOD-180 as a result of Modification K6.	(no change)
<b>WOD-182</b>	<u>172</u>	(no change)	(no change)	(no change)	(no change)	No change to the composition of WOD-182 as a result of Modification C1.	(no change)
<b>WOD-263</b>	<u>90</u> , <u>233</u> , <u>234</u> , <u>243</u> , <u>249</u> , <u>250</u> , <u>263</u> , <u>264</u> , <u>265</u> , <u>339</u> , <u>375</u> , <u>377</u>	0 (access road, collection line)	2028.6	Cultural Plantation, Cultural Woodland, Deciduous Forest, Mixed Forest, Deciduous Swamp, Coniferous Forest	Young to Mature	As a result of Modification B2, the following communities are now within the 120 m Area of Investigation in Natural Area 233: <ul style="list-style-type: none"> <li>• Black Walnut - White Pine Mixed Plantation Type (CUP2-1)</li> <li>• Dry-Fresh Sugar Maple-Black Walnut Deciduous Forest Type (FOD5a)</li> </ul> As a result of Modification E1, the following communities are no longer within the 120 m Area of investigation in Natural Area 90: <ul style="list-style-type: none"> <li>• Yellow Birch Organic Deciduous Swamp Type (SWD7-2)</li> <li>• Dry - Fresh Sugar Maple - Basswood Deciduous Forest Type (FOD5-6)</li> </ul> As a result of Modification B2, the following communities are no longer within the 120 m Area of investigation in Natural Area 243: <ul style="list-style-type: none"> <li>• White Pine Coniferous Plantation Type (CUP3-2)</li> </ul> As a result of Modification B3, the following communities are no longer within the 120 m Area of investigation in Natural Area 250: <ul style="list-style-type: none"> <li>• White Pine Coniferous Plantation Type (CUP3-2)</li> <li>• Swamp Maple Mineral Deciduous Swamp Type (SWD3-3)</li> <li>• Dry-Fresh Sugar Maple –White Ash Deciduous Forest Type (FOD5-8)</li> <li>• White Pine Coniferous Plantation Type (CUP3-2)</li> </ul>	Provides habitat for woodland plants and animals, carbon storage, and water and soil retention.

**Table 5. Revisions to Woodland Features Identified Through the Site Investigation**

Woodland ID	Natural Area(s)	Minimum Distance from Project Location (m) <sup>1</sup>	Attributes			Composition	Functions
			Size (ha)	Forest Community Type	Woodland Age		
<b>WOD-265</b>	<u>293</u>	30 (turbine construction disturbance area)	15.43	Deciduous Forest, Deciduous Swamp, Cultural Woodland,	Young to Mature	As a result of Modification J3, the following communities are now within the 120 m Area of Investigation in Natural Area 293: <ul style="list-style-type: none"> <li>• Cultural Woodland (CUW1)</li> </ul> Woodland communities located outside the 120 m Area of Investigation include Fresh – Moist Shagbark Hickory Deciduous Forest (FOD9-4) and Swamp Maple Mineral Deciduous Swamp (SWD3-3).	Provides habitat for woodland plants and animals, carbon storage, and water and soil retention.
<b>WOD-277</b>	<u>290</u>	(no change)	36.8	Cultural Woodland, Deciduous Forest	Young to Mid-age	As a result of Modification A1, the following communities are now within the 120 m Area of Investigation: <ul style="list-style-type: none"> <li>• Fresh - Moist Black Walnut Lowland Deciduous Forest Type (FOD7-4)</li> <li>• Fresh - Moist Sugar Maple - Lowland Ash Deciduous Forest Type (FOD6-1)</li> <li>• Fresh - Moist Bur Oak Deciduous Forest Type (FOD9-3)</li> <li>• Fresh-Moist Ash Lowland Deciduous Forest Type (FOD7-2)</li> </ul>	Provides habitat for woodland plants and animals, carbon storage, and water and soil retention.