

Figure 1

# Parkhill Interconnect Project Area and Natural Features

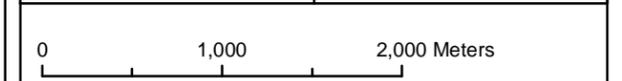
### Legend

- Project Area (120m)
- Project Location
- Access Road
- Transmission Line
- Switchyard
- Point of Interconnect
- Existing Transmission Line
- Railroad
- Primary Road
- Secondary Road
- Intermittent Watercourse
- Permanent Watercourse
- Open Aquatic
- Provincially Significant Wetland (PSW)
- Other Wetland
- Woodland



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Project: 1341 Date: October 18, 2013	NAD83 - UTM Zone 17 Scale: 1:40,000 (11x17")
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## 2.0 Staff Roles

The requirements of the REA process indicate that the name and qualifications of staff participating in the NHA should be provided. The qualifications and roles of key staff participating in the addendum to the Parkhill Interconnect NHA have been outlined below.

### Andrew Ryckman, B.Sc.

Andrew is a Terrestrial and Wetland Biologist with 8 years of environmental experience. He routinely manages the natural heritage aspects of renewable energy projects, with specific expertise relating to bats and herpetofauna. Andrew is certified in the Ecological Land Classification (ELC) system (2010), and has successfully completed a Bat Conservation International (BCI) Acoustic Monitoring Workshop (2008).

Andrew's role was to act as the project manager, overseeing all aspects of the Natural Heritage Assessment, including all associated field work and reporting. He was the main contact point for agency staff and assisted with the preparation of all corresponding reports including this addendum.

### Charlotte Moore, B.E.S.

Charlotte is a Terrestrial and Wetland Biologist with 3 years of experience in butterfly ecology and various other environmental projects. Charlotte has completed her Bachelor of Environmental Studies and is a candidate for a Master of Environmental Studies (2013) at the University of Waterloo. Other environmental projects Charlotte has worked on include the use of ELC, bat habitat assessments, breeding bird surveys and herpetofauna studies. Charlotte is certified in the Ontario Wetland Evaluation System (2012) and the southern Ontario ELC system (2013).

Charlotte coordinated the field work for the project and assisted with all aspects of this NHA Addendum.

### Kaitlin Boddaert, GIS-UP

Kaitlin specializes in delivering mapping services using GIS applications and assists with NRSI's spatial technologies. Her project experience includes, but is not limited to; the collection and creation of various datasets, the geocoding of addresses, the use of AutoCAD with integration into GIS, and the use of hard and soft data through scanning and georeferencing into digital format. Kaitlin has produced various digital maps and datasets for publication, and in addition to her experience in environmental studies she has education and experience in the field of urban planning and is familiar with municipal mapping and procedures.

Kaitlin's role in the Project was as GIS technician. She reviewed and collected all available background mapping sources, digitized information gathered from site investigations, and integrated this information to generate this project's mapping.

### **3.0 Overview of Project Changes**

Since the approval of NHA reports, minor changes have been made to the project location, resulting in a reassessment of the considerations made as part of the Parkhill Interconnect NHA. These changes include the addition of several private easements adjacent to the existing road right-of-way to accommodate a request from Middlesex County to keep infrastructure out of the municipal road right-of-way, wherever possible.

A visual overlay of the differences between the project location, as approved as part of the NHA Report (NRSI 2013) submission, and the currently proposed project location as part of this Addendum Report are provided on Figures 2a-2c.

Figure 2a

# Parkhill Interconnect Comparative Layout - West

### Legend

- New Project Area (120m Buffer)
- Old Project Area (120m Buffer)
- New Project Location
- Previous Project Location
- New Footprint
- Transmission Line
- Switchyard
- Existing Transmission Line
- + Railroad
- Primary Road
- Secondary Road
- Intermittent Watercourse
- Permanent Watercourse
- Open Aquatic
- Provincially Significant Wetland (PSW)
- Other Wetland
- Woodland



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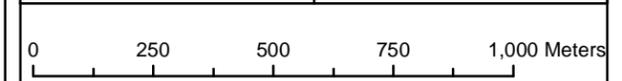


Figure 2b

# Parkhill Interconnect Comparative Layout - Central

### Legend

- New Project Area (120m Buffer)
- Old Project Area (120m Buffer)
- New Project Location
- Previous Project Location
- New Footprint
- Transmission Line
- Existing Transmission Line
- Railroad
- Primary Road
- Secondary Road
- Intermittent Watercourse
- Permanent Watercourse
- Open Aquatic
- Provincially Significant Wetland (PSW)
- Other Wetland
- Woodland



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