

## **Appendix G**

### **Aboriginal Community Correspondence and Consideration by Project Team**

# **Appendix G1**

## **Generic Letters/E-mails**



February 22, 2012

**Via: Mail**


«Title» «First\_Name» «Last\_Name»  
 «Position»  
 «AgencyOrganization»  
 «Address»

Dear «Title» «Last\_Name»:

**Re: 1) Notice of Proposal to Engage in a Renewable Energy Project and Public Meeting #1  
 2) Draft Project Description Report  
 3) Meeting Request/Initial Request for Information  
 Grand Bend Wind Farm, (100 MW) Huron County, ON  
 File No.: PIA 019991**

Neegan Burnside Ltd. (“Neegan Burnside”) has been retained by Grand Bend Wind Limited Partnership c/o Northland Power Inc. to prepare an Application for Renewable Energy Approval (“REA”) for the above-referenced Class 4 Wind Facility, located to the north of Grand Bend in the municipalities of Bluewater and South Huron, Huron County, ON. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County. The project has received a FIT contract.

The Project is subject to the Renewable Energy Approval (REA) process, subject to the provisions of the Environmental Protection Act and Ontario Regulation 359/09. The REA process entails consideration of environmental aspects, natural heritage features and water bodies as well as heritage and archaeological resources. In addition, the REA process includes public, agency and First Nation consultations. A summary of the process is provided below.



Notice of Proposal (and Draft Project Description Report Release)	Public Meeting #1	Completion of Env. Technical Studies	Notice of Public Meeting #2 (and release of draft studies)	Public Meeting #2	Project Layout Finalized (timing TBC)	Reports Finalized	Submit REA Application to MOE	Notice of Filing posted on Env. Registry by MOE	MOE Review (6 months)	REA Decision
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We are here

Please find enclosed a copy of the formal Notification for this Project (Notice of a Proposal to Engage in a Renewable Energy Project and Notice of Project Meeting). This Notice will be advertised in the following local newspapers on February 29, March 14 and March 28 2012. The first round of public meetings will occur the first two weeks in April.

- The Lakeshore Advance-Grand Bend (Bluewater and South Huron);
- Clinton News Record (Bluewater and Huron East);
- Seaforth Huron Expositor (Huron East); and
- Mitchell Advance (West Perth).

Information for this Project is also available electronically on the following website:

<http://grandbend.northlandpower.ca>

If it is reasonable to do so, formal notifications are required (under O.Reg 359/09) to be published in any local Aboriginal newspapers. We would be grateful if you could confirm if you would like this Notice to be published in your local newspaper or posted at other appropriate locations throughout your community.

Formal public meetings (such as the first public meeting advertised in the Notice) will be held throughout the duration of the project. Although your community are welcome to attend the public meetings you may feel that it is more appropriate that specific meetings or information centers are held directly within your community. We would be happy to meet with Chief and Council and/or community members throughout the duration of the project. We would appreciate your guidance on this.

We have enclosed a Draft Project Description Report (PDR) which provides a description of the nature and scope of the proposed project (including any potential negative effects or additional studies anticipated at this time). The proposed project is located on privately owned land. A list of provincial and federal approvals that may be required for the project is provided in the PDR. We would greatly appreciate the opportunity to schedule a project introduction (meeting #1) with you at your earliest convenience. Please contact the undersigned to schedule a meeting.

In addition to the meeting, we would be grateful if your community could provide any information (in writing) that, in the opinion of the community, should be considered as this project develops. At this time we are not aware of any adverse impact that the proposed project may have on constitutionally protected Aboriginal or treaty rights.

We anticipate that a complete REA application will be submitted in early 2013. Our anticipated schedule is provided below.



<b>Project Activity</b>	<b>Anticipated Schedule</b>
Issue First Draft Project Description Report	January 2012
REA Technical Studies	Ongoing 2011 through 2012
Public Information Centre #1	Spring 2012
Issue Draft REA Reports to the Public	Late summer 2012
Public Information Centre #2	Late 2012/Early 2013
REA Submission/Approval	Early 2013
Additional Permitting and Approvals Completed	Ongoing 2012 through 2013
Start of Construction	Fall 2013
Commercial Operation Date (“COD”)	Fall 2014
Project Operation	2014- 2035
New Contract or Decommissioning	Approximately 20 years after COD

Before the final public meeting (at least 60-days in advance), applicants are required to seek input from Aboriginal communities on draft versions of all materials required for the REA application and before such materials are made available to the public.

The following reports will be provided for your review and comment as this project progresses:

- Construction Plan Report
- Consultation Report
- Decommissioning Plan Report
- Design and Operations Report
- Heritage Resource Assessment Report
- Natural Heritage Assessment Report
- Noise Study Report
- Project Description Report
- Stage 1 and 2 Archaeological Assessment Report
- Water Report
- Wind Turbine Specification Report

If you require any additional information about this project, please do not hesitate to contact us. The project specific e-mail address and telephone hotline are as follows:

[grandbendwind@neeganburnside.com](mailto:grandbendwind@neeganburnside.com)

1-800-696-8093

Yours truly,

**Neegan Burnside Ltd.**

Fiona Christiansen, M.Sc  
Manager, Environmental Planning and Assessment

Enc. Project Notice  
Draft Project Description Report

Cc Gordon Potts, Director, Business Development, Northland Power  
Carol-Ann Fletcher, Environment, Health and Safety, Northland Power  
Lyle Parsons, Project Manager, Neegan Burnside

019991\_Cover Letter for Notice to Aboriginal Communities.doc  
22/02/2012 3:56 PM



April 18, 2012

**Via: Mail**

«Title» «First\_Name» «Last\_Name»  
«Position»  
«AgencyOrganization»  
«Address»

Dear «Title» «Last\_Name»:

**Re: Hard Copy of Draft Site Plan Report  
Grand Bend Wind Farm, (100 MW)  
File No.: PIA 019991**

In follow up to our letter of April 18, 2012, which provided a hard copy of the Notice of Draft Site Plan, please find enclosed a hard copy of the Draft Site Plan Report. We would be grateful if you could ensure that this Report is made available for public review on or before April 23, 2012 (as specified in the Notice).

This document is also available on the project website at  
<http://grandbend.northlandpower.ca>

If you require any additional information about this project, please do not hesitate to contact us. The project specific e-mail address and telephone hotline are as follows:  
[grandbendwind@neeganburnside.com](mailto:grandbendwind@neeganburnside.com)  
1-800-696-8093.

Yours truly,

**Neegan Burnside Ltd.**

Fiona Christiansen, M.Sc  
Manager, Environmental Planning and Assessment

Enc. Draft Site Plan Report

Cc Gordon Potts, Director, Business Development, Northland Power  
Carol-Ann Fletcher, Environment, Health and Safety, Northland Power  
Lyle Parsons, Project Manager, Neegan Burnside



April 18, 2012

**Via: Mail**

«Title» «First\_Name» «Last\_Name»  
«Position»  
«AgencyOrganization»  
«Address»

Dear «Title» «Last\_Name»:

**Re: Notice of Draft Site Plan  
by Grand Bend Wind Limited Partnership c/o Northland Power Inc.  
Regarding a Proposal to Engage in a Renewable Energy Project  
File No.: PIA 019991**

The Grand Bend Wind Limited Partnership c/o Northland Power Inc. is planning to engage in a renewable energy Project in respect of which the issuance of a renewable energy approval is required. The distribution of this Notice of Draft Site Plan ("Notice") is subject to the provisions of the *Environmental Protection Act* ("Act") Part V.0.1 and Ontario Regulation 359/09 ("Regulation"). This notice is being distributed in accordance with Section 15 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment. The legal effect of this Notice is such that pursuant to Section 54 of the Regulation, Grand Bend Wind Limited Partnership has to take into account noise receptors (i.e., residential locations) as defined by the Act that exist as of the day before Grand Bend Wind Limited Partnership published this Notice.

Please find enclosed a copy of the formal Notice of Draft Site Plan. This Notice will be published on April 18, 2012. The Draft Site Plan, including the proposed wind turbine layout map is available for public review on April 23, 2012 at the following locations and on the project website at <http://grandbend.northlandpower.ca>

Municipality of West Perth, 169 St. David Street, Mitchell, Ontario, N0K 1N0	Municipality of South Huron, 322 Main Street South, Exeter, Ontario, N0M 1S6
Municipality of Bluewater, 14 Mill Avenue, Zurich, Ontario, N0M 2T0	Municipality of Huron East, 72 Main Street South, Seaforth, Ontario, N0K 1W0
Huron County, 1 Courthouse Square, Goderich, Ontario, N7A 1M2	Perth County, 1 Huron Street, Stratford, Ontario, N5A 5S4

If you require any additional information about this project, please do not hesitate to contact us. The project specific e-mail address and telephone hotline are as follows:

[grandbendwind@neeganburnside.com](mailto:grandbendwind@neeganburnside.com)

1-800-696-8093

Yours truly,

**Neegan Burnside Ltd.**

Fiona Christiansen, M.Sc  
Manager, Environmental Planning and Assessment  
FC/jw

Enc. Notice of Draft Site Plan

Cc Gordon Potts, Director, Business Development, Northland Power  
Carol-Ann Fletcher, Environment, Health and Safety, Northland Power  
Lyle Parsons, Project Manager, Neegan Burnside

019991\_Grand Bend Wind Draft Site Plan Letter.doc  
12/04/2012 11:57 AM



August 27, 2012

**Via: Courier**

Ms. Sharilyn Johnston  
Environment Officer  
Aamjiwnaang First Nation (Chippewas of Sarnia)  
1300 Tashmoo Avenue  
Sarnia, ON N7T 8E5

Dear Ms. Johnston

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
File No.: PIA019991.002**

As you will know from previous notification, the Grand Bend Wind Limited Partnership, c/o Northland Power Inc. ("Northland") is proposing to develop, construct and operate a 100 MW wind facility located north of Grand Bend, Ontario. An application for approval and support studies is being prepared under Ontario Regulation 359/09 of the Environmental Protection Act. The project is classified as a Class 4 Wind facility under the Regulation. The Grand Bend Wind Farm is located in Huron County, spanning the lower-tier municipalities of Bluewater and Huron South. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County. The Project has received a FIT contract.

The Project is subject to the Renewable Energy Approval (REA) process, subject to the provision of the Environmental Protection Act and O.Reg 359/09. A summary of the process is provided below.



Notice of Proposal	Public Information Center #1	Technical Studies	Release of Draft Studies (FN and Municipal)	Release of Draft Studies (Public)	Notice of Public Meeting #2	Reports Finalized	Submit REA to MOE	Env. Registry Posting	MOE Review Period	REA Decision
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We Are Here

The Notice of Proposal to Engage in a Renewable Energy Project/Notice of Public Information Centre #1 was provided to your community on February 22, 2012, along with a copy of the Draft Project Description Report.

Please find enclosed a copy of the following draft documents for your review and comment:

- Project Description Draft Report
- Project Summary Draft Report
- Construction Plan Draft Report
- Design and Operations Draft Report including the following:
  - Property Line Setback Assessment
  - Visual Study
- Decommissioning Plan Draft Report
- Stage 1 and 2 Archeological Assessment Draft Report & Supplemental Report
- Cultural Heritage Assessment Draft Report
- Natural Heritage Assessment Draft Reports including the following:
  - Records Review
  - Site Investigation
  - Evaluation of Significance
  - Environmental Impact Study
  - Environmental Effects Monitoring Plan for Birds and Bats
- Water Assessment and Water Body Draft Report
- Environmental Noise Impact Assessment Draft Report
- Wind Turbine Specifications Draft Report
- Telecommunication Systems Draft Impact Study.

Other support data and information for this Project is also available electronically on the following website: <http://grandbend.northlandpower.ca>

We would be pleased to meet with you to discuss any of the enclosed documents. **Please confirm if you would like to meet with us.** Our team is available to meet directly with you in addition to the public information meetings that will be scheduled below.

Ultimately we would be grateful if your community could provide any information (**in writing**) that, in the opinion of the community, should be considered as this project develops. At this time we are not aware of any adverse impact that the proposed project may have on constitutionally protected Aboriginal or treaty rights. Applicants are required to seek input from Aboriginal communities on draft versions of all material required for the REA application before such material is made available to the public. These documents will be released for public review at least 60-days prior to the second Public Information Centre. The second Public Information Center is anticipated to occur from November 26 through to December 7, 2012. The draft documents will be released for public review on September 26, 2012. Our project schedule is provided below.

<b>Project Activity</b>	<b>Schedule</b>
Issue First Draft of Project Description Report to MOE	January 2012
Notice of Proposal and Notice of Public Meeting (#1)	February 29, 2012

<b>Project Activity</b>	<b>Schedule</b>
Public Information Center #1	April 2, 3, 5, 12, 2012
Notice of Draft Site Plan	April 18, 2012
Issue Draft REA Reports (90 day review period)	August 27, 2012
Issue Draft REA Reports to Public (60 day review period)	Anticipated September 26, 2012
Public Information Center #2	Anticipated from November 27, to December 7, 2012
REA Submission for Approval	Early 2013
Additional Permitting and Approvals	During 2013
Start of Construction	September 2013
Commercial Operation Date	November/December 2014
Project Operation	2014 – 2035

Neegan Burnside Ltd has been retained by Northland to prepare an Application for Renewable Energy Approval (“REA”) for the above-referenced Class 4 Wind Facility. Neegan Burnside Ltd has retained Fiona Christiansen of Stantec Consulting Ltd to assist with ongoing consultation support and reporting activities.

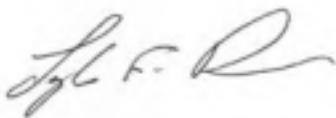
If you have any questions, please do not hesitate to contact us. The project specific e-mail address and telephone hotline are as follows:

<http://grandbend.northlandpower.ca/>

Hotline Telephone number: 1-800-696-8093

Yours truly,

**Neegan Burnside Ltd.**



Lyle Parsons  
V.P. Environment  
Project Manager

Enc. REA Draft Reports (see list above)

Cc: Jim Mulvale, Manager, Environmental Health and Safety, Northland Power  
Gordon Potts, Director, Business Development, Northland Power  
Carol-Ann Fletcher, Environment, Health and Safety, Northland Power  
Fiona Christiansen, Stantec





August 27, 2012

**Via: Courier**

Mr. Wilson Plain Jr.  
Health and Environment Consultation Worker  
Aamjiwnaang First Nation (Chippewas of Sarnia)  
1300 Tashmoo Avenue  
Sarnia, ON N7T 8E5

Dear Mr. Plain Jr.

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
File No.: PIA019991.002**

As you will know from previous notification, the Grand Bend Wind Limited Partnership, c/o Northland Power Inc. ("Northland") is proposing to develop, construct and operate a 100 MW wind facility located north of Grand Bend, Ontario. An application for approval and support studies is being prepared under Ontario Regulation 359/09 of the Environmental Protection Act. The project is classified as a Class 4 Wind facility under the Regulation. The Grand Bend Wind Farm is located in Huron County, spanning the lower-tier municipalities of Bluewater and Huron South. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County. The Project has received a FIT contract.

The Project is subject to the Renewable Energy Approval (REA) process, subject to the provision of the Environmental Protection Act and O.Reg 359/09. A summary of the process is provided below.



Notice of Proposal	Public Information Center #1	Technical Studies	Release of Draft Studies (FN and Municipal)	Release of Draft Studies (Public)	Notice of Public Meeting #2	Reports Finalized	Submit REA to MOE	Env. Registry Posting	MOE Review Period	REA Decision
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  - Environmental Effects Monitoring Plan for Birds and Bats
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- Environmental Noise Impact Assessment Draft Report
- Wind Turbine Specifications Draft Report
- Telecommunication Systems Draft Impact Study.

Other support data and information for this Project is also available electronically on the following website: <http://grandbend.northlandpower.ca>

We would be pleased to meet with you to discuss any of the enclosed documents. **Please confirm if you would like to meet with us.** Our team is available to meet directly with you in addition to the public information meetings that will be scheduled below.

Ultimately we would be grateful if your community could provide any information (**in writing**) that, in the opinion of the community, should be considered as this project develops. At this time we are not aware of any adverse impact that the proposed project may have on constitutionally protected Aboriginal or treaty rights. Applicants are required to seek input from Aboriginal communities on draft versions of all material required for the REA application before such material is made available to the public. These documents will be released for public review at least 60-days prior to the second Public Information Centre. The second Public Information Center is anticipated to occur from November 26 through to December 7, 2012. The draft documents will be released for public review on September 26, 2012. Our project schedule is provided below.

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Public Information Center #2	Anticipated from November 27, to December 7, 2012
REA Submission for Approval	Early 2013
Additional Permitting and Approvals	During 2013
Start of Construction	September 2013
Commercial Operation Date	November/December 2014
Project Operation	2014 – 2035

Neegan Burnside Ltd has been retained by Northland to prepare an Application for Renewable Energy Approval (“REA”) for the above-referenced Class 4 Wind Facility. Neegan Burnside Ltd has retained Fiona Christiansen of Stantec Consulting Ltd to assist with ongoing consultation support and reporting activities.

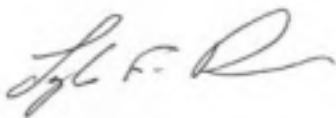
If you have any questions, please do not hesitate to contact us. The project specific e-mail address and telephone hotline are as follows:

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Hotline Telephone number: 1-800-696-8093

Yours truly,

**Neegan Burnside Ltd.**



Lyle Parsons  
V.P. Environment  
Project Manager

Enc. REA Draft Reports (see list above)

Cc: Jim Mulvale, Manager, Environmental Health and Safety, Northland Power  
Gordon Potts, Director, Business Development, Northland Power  
Carol-Ann Fletcher, Environment, Health and Safety, Northland Power  
Fiona Christiansen, Stantec



August 27, 2012

**Via: Courier**

Mr. Tom Maness  
General Manager  
Chippewa Industrial Developments Ltd.  
1000 Degurse Drive, Unit 44  
Sarnia, ON N7T 7H5

Dear Mr. Maness

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
File No.: PIA019991.002**

As you will know from previous notification, the Grand Bend Wind Limited Partnership, c/o Northland Power Inc. ("Northland") is proposing to develop, construct and operate a 100 MW wind facility located north of Grand Bend, Ontario. An application for approval and support studies is being prepared under Ontario Regulation 359/09 of the Environmental Protection Act. The project is classified as a Class 4 Wind facility under the Regulation. The Grand Bend Wind Farm is located in Huron County, spanning the lower-tier municipalities of Bluewater and Huron South. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County. The Project has received a FIT contract.

The Project is subject to the Renewable Energy Approval (REA) process, subject to the provision of the Environmental Protection Act and O.Reg 359/09. A summary of the process is provided below.



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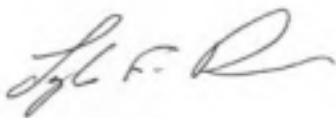
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Yours truly,

**Neegan Burnside Ltd.**



Lyle Parsons  
V.P. Environment  
Project Manager

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Gordon Potts, Director, Business Development, Northland Power  
Carol-Ann Fletcher, Environment, Health and Safety, Northland Power  
Fiona Christiansen, Stantec



August 27, 2012

**Via: Courier**

Chief Joseph Gilbert  
Bkejwanong Territory (Walpole Island)  
R.R. #3  
Wallaceburg, ON N8A 4K9

Dear Chief Gilbert

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
File No.: PIA019991.002**

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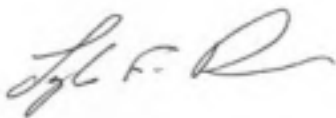
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<http://grandbend.northlandpower.ca/>

Hotline Telephone number: 1-800-696-8093

Yours truly,

**Neegan Burnside Ltd.**



Lyle Parsons  
V.P. Environment  
Project Manager

Enc. REA Draft Reports (see list above)

Cc: Jim Mulvale, Manager, Environmental Health and Safety, Northland Power  
Gordon Potts, Director, Business Development, Northland Power  
Carol-Ann Fletcher, Environment, Health and Safety, Northland Power  
Fiona Christiansen, Stantec



August 27, 2012

**Via: Courier**

Mr. Dean Jacobs  
Consultation Manager  
Walpole Island First Nation Heritage Centre  
2185 North St. Clair River Road, RR #3  
Wallaceburg, ON N8A 4K9

Dear Mr. Jacobs

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
File No.: PIA019991.002**

As you will know from previous notification, the Grand Bend Wind Limited Partnership, c/o Northland Power Inc. ("Northland") is proposing to develop, construct and operate a 100 MW wind facility located north of Grand Bend, Ontario. An application for approval and support studies is being prepared under Ontario Regulation 359/09 of the Environmental Protection Act. The project is classified as a Class 4 Wind facility under the Regulation. The Grand Bend Wind Farm is located in Huron County, spanning the lower-tier municipalities of Bluewater and Huron South. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County. The Project has received a FIT contract.

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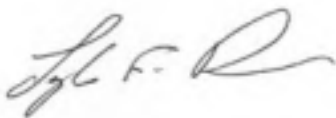
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Yours truly,

**Neegan Burnside Ltd.**



Lyle Parsons  
V.P. Environment  
Project Manager

Enc. REA Draft Reports (see list above)

Cc: Jim Mulvale, Manager, Environmental Health and Safety, Northland Power  
Gordon Potts, Director, Business Development, Northland Power  
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Fiona Christiansen, Stantec



August 27, 2012

**Via: Courier**

Mr. Jared Macbeth  
 Project Review  
 Coordinator  
 Walpole Island First Nation Heritage Centre  
 2185 North St. Clair River Road, RR #3  
 Wallaceburg, ON N8A 4K9

Dear Mr. Macbeth

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
 File No.: PIA019991.002**

As you will know from previous notification, the Grand Bend Wind Limited Partnership, c/o Northland Power Inc. ("Northland") is proposing to develop, construct and operate a 100 MW wind facility located north of Grand Bend, Ontario. An application for approval and support studies is being prepared under Ontario Regulation 359/09 of the Environmental Protection Act. The project is classified as a Class 4 Wind facility under the Regulation. The Grand Bend Wind Farm is located in Huron County, spanning the lower-tier municipalities of Bluewater and Huron South. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County. The Project has received a FIT contract.

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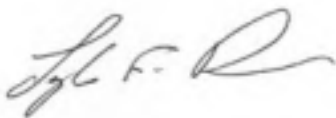
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Yours truly,

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Lyle Parsons  
V.P. Environment  
Project Manager

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Fiona Christiansen, Stantec



August 27, 2012

**Via: Courier**

Chief Elizabeth J. Cloud  
Chippewas of Kettle & Stony Point  
6247 Indian Lane  
Kettle & Stony Point First Nation  
Lambton Shores ON N0N 1J1

Dear Chief Cloud

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
File No.: PIA019991.002**

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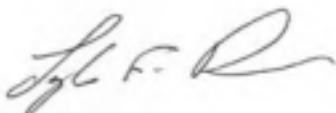
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Yours truly,

**Neegan Burnside Ltd.**



Lyle Parsons  
V.P. Environment  
Project Manager

Enc. REA Draft Reports (see list above)

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Fiona Christiansen, Stantec



August 27, 2012

**Via: Courier**

Mr. Mark French  
 First Nation Manager / C.E.O  
 Chippewas of Kettle & Stony Point  
 6247 Indian Lane  
 Kettle & Stony Point First Nation  
 Lambton Shores ON N0N 1J1

Dear Mr. French

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
 File No.: PIA019991.002**

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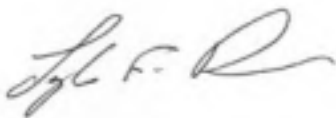
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Lyle Parsons  
V.P. Environment  
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Fiona Christiansen, Stantec



August 27, 2012

**Via: Courier**

Ms. Phyllis Rauws-George  
 Economic Development Officer  
 Chippewas of Kettle & Stony Point  
 6247 Indian Lane  
 Kettle & Stony Point First Nation  
 Lambton Shores ON N0N 1J1

Dear Ms. Rauws-George

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
 File No.: PIA019991.002**

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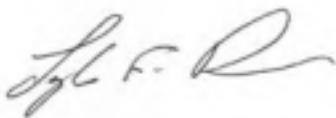
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August 27, 2012

**Via: Courier**

Mr. David Miller  
Advisor  
McLeod Wood Associates Inc.  
125 St. George St. West  
Fergus, ON N1M 1H8

Dear Mr. Miller

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
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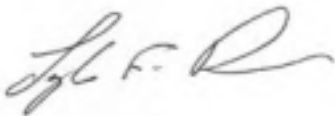
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Hotline Telephone number: 1-800-696-8093

Yours truly,

**Neegan Burnside Ltd.**



Lyle Parsons  
V.P. Environment  
Project Manager

Enc. REA Draft Reports (see list above)

Cc: Jim Mulvale, Manager, Environmental Health and Safety, Northland Power  
Gordon Potts, Director, Business Development, Northland Power  
Carol-Ann Fletcher, Environment, Health and Safety, Northland Power  
Fiona Christiansen, Stantec



August 27, 2012

**Via: Courier**

Ms. Rolanda Elijah  
Director – Lands and Environment Department  
Chippewas of the Thames First Nation  
320 Chippewa Road  
R.R. #1  
Muncey, ON N0L 1Y0

Dear Ms. Elijah

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
File No.: PIA019991.002**

As you will know from previous notification, the Grand Bend Wind Limited Partnership, c/o Northland Power Inc. (“Northland”) is proposing to develop, construct and operate a 100 MW wind facility located north of Grand Bend, Ontario. An application for approval and support studies is being prepared under Ontario Regulation 359/09 of the Environmental Protection Act. The project is classified as a Class 4 Wind facility under the Regulation. The Grand Bend Wind Farm is located in Huron County, spanning the lower-tier municipalities of Bluewater and Huron South. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County. The Project has received a FIT contract.

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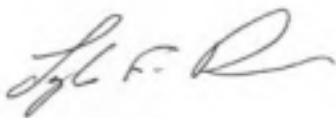
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Yours truly,

**Neegan Burnside Ltd.**



Lyle Parsons  
V.P. Environment  
Project Manager

Enc. REA Draft Reports (see list above)

Cc: Jim Mulvale, Manager, Environmental Health and Safety, Northland Power  
Gordon Potts, Director, Business Development, Northland Power  
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Fiona Christiansen, Stantec



August 27, 2012

**Via: Courier**

Chief Gregory Peters  
Delaware Nation, Moravian of the Thames  
14760 School House Line, R.R. #3  
Thamesville, ON N0P 2K0

Dear Chief Peters

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
File No.: PIA019991.002**

As you will know from previous notification, the Grand Bend Wind Limited Partnership, c/o Northland Power Inc. ("Northland") is proposing to develop, construct and operate a 100 MW wind facility located north of Grand Bend, Ontario. An application for approval and support studies is being prepared under Ontario Regulation 359/09 of the Environmental Protection Act. The project is classified as a Class 4 Wind facility under the Regulation. The Grand Bend Wind Farm is located in Huron County, spanning the lower-tier municipalities of Bluewater and Huron South. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County. The Project has received a FIT contract.

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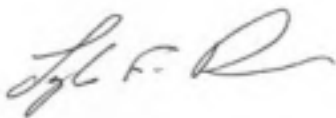
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Lyle Parsons  
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August 27, 2012

**Via: Courier**

Mr. Dan Miskokomon  
 Band Manager  
 Munsee-Delaware First Nation  
 R.R. #1  
 Muncey, ON N0L 1Y0

Dear Mr. Miskokomon

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
 File No.: PIA019991.002**

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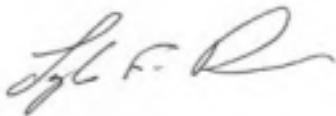
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Lyle Parsons  
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August 27, 2012

**Via: Courier**

Chief Joel Abram  
 Oneida Nation of the Thames  
 2212 Elm Ave.  
 Southwold, ON N0L 2G0

Dear Chief Abram

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
 File No.: PIA019991.002**

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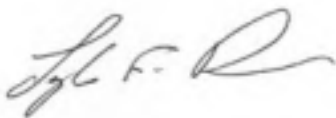
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August 27, 2012

**Via: Courier**

Ms. April Varewyck  
 Environmental Coordinator  
 Oneida Nation of the Thames  
 2212 Elm Ave.  
 Southwold, ON N0L 2G0

Dear Ms. Varewyck

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 File No.: PIA019991.002**

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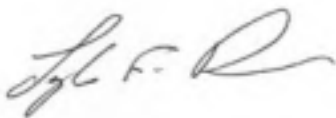
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August 27, 2012

**Via: Courier**

Sir/Madam  
The Métis Nation of Ontario  
Métis Consultation Unit  
500 Old St. Patrick Street, Unit D  
Ottawa ON K1N 9G4

Dear Sir/Madam

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
File No.: PIA019991.002**

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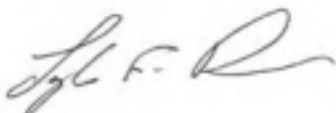
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Hotline Telephone number: 1-800-696-8093

Yours truly,

**Neegan Burnside Ltd.**



Lyle Parsons  
V.P. Environment  
Project Manager

Enc. REA Draft Reports (see list above)

Cc: Jim Mulvale, Manager, Environmental Health and Safety, Northland Power  
Gordon Potts, Director, Business Development, Northland Power  
Carol-Ann Fletcher, Environment, Health and Safety, Northland Power  
Fiona Christiansen, Stantec



August 27, 2012

**Via: Courier**

Mr. Archie Indoe  
President  
Historic Saugeen Métis  
204 High Street, Box 1492  
Southampton, ON N0H 2L0

Dear Mr. Indoe

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
File No.: PIA019991.002**

As you will know from previous notification, the Grand Bend Wind Limited Partnership, c/o Northland Power Inc. ("Northland") is proposing to develop, construct and operate a 100 MW wind facility located north of Grand Bend, Ontario. An application for approval and support studies is being prepared under Ontario Regulation 359/09 of the Environmental Protection Act. The project is classified as a Class 4 Wind facility under the Regulation. The Grand Bend Wind Farm is located in Huron County, spanning the lower-tier municipalities of Bluewater and Huron South. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County. The Project has received a FIT contract.

The Project is subject to the Renewable Energy Approval (REA) process, subject to the provision of the Environmental Protection Act and O.Reg 359/09. A summary of the process is provided below.



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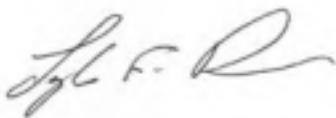
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Hotline Telephone number: 1-800-696-8093

Yours truly,

**Neegan Burnside Ltd.**



Lyle Parsons  
V.P. Environment  
Project Manager

Enc. REA Draft Reports (see list above)

Cc: Jim Mulvale, Manager, Environmental Health and Safety, Northland Power  
Gordon Potts, Director, Business Development, Northland Power  
Carol-Ann Fletcher, Environment, Health and Safety, Northland Power  
Fiona Christiansen, Stantec





August 27, 2012

**Via: Courier**

Ms. Patsy McAurthur  
 Historic Saugeen Métis

Dear Ms. McAurthur

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
 File No.: PIA019991.002**

As you will know from previous notification, the Grand Bend Wind Limited Partnership, c/o Northland Power Inc. (“Northland”) is proposing to develop, construct and operate a 100 MW wind facility located north of Grand Bend, Ontario. An application for approval and support studies is being prepared under Ontario Regulation 359/09 of the Environmental Protection Act. The project is classified as a Class 4 Wind facility under the Regulation. The Grand Bend Wind Farm is located in Huron County, spanning the lower-tier municipalities of Bluewater and Huron South. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County. The Project has received a FIT contract.

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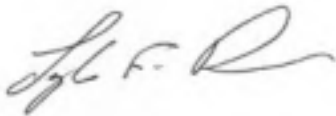
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Yours truly,

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Lyle Parsons  
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Enc. REA Draft Reports (see list above)

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August 27, 2012

**Via: Courier**

Ms. Bennie Indoe  
 Historic Saugeen Métis

Dear Ms. Indoe

**Re: Grand Bend Wind Farm (100 MW) Huron County, Ontario, Grand Bend Wind Limited Partnership, c/o Northland Power Inc.  
 File No.: PIA019991.002**

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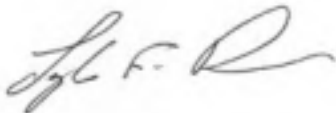
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August 27, 2012

**Via: Courier**

Ms. Audrey Holden  
Lands and Resources Consultation Coordinator  
Historic Saugeen Métis

204 High Street, Box 1492  
Southampton, ON N0H 2L0

Dear Ms. Holden

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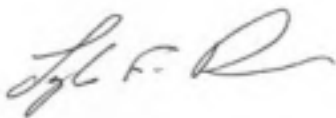
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## **Appendix G2**

### **Aboriginal Community Correspondence Record and Comment/Response Summary**

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**GRAND BEND WIND FARM LIMITED PARTNERSHIP with NORTHLAND INC. as AGENT**

**GRAND BEND WIND FARM**

**CONSULTATION REPORT**

Appendix G2 – Aboriginal Community – Correspondence Record Comment/Response Summary Table

February 2013

**Chippewas of Kettle and Stony Point First Nation**

Sent/ Received	Date Sent/ Received	Name of Correspondent	Type of Correspondence	Correspondence Summary
Sent	February 21, 2012	Chief Elizabeth J. Cloud Mark French, First Nation Manager/C.E.O Phyllis Rauws George, Economic Development Officer	E-mail	<ul style="list-style-type: none"> <li>• Stated that Northland retained Neegan Burnside to prepare a REA for the Project, located to the north of Grand Bend in the municipalities of Bluewater and South Huron, Huron County, Ontario. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County.</li> <li>• Provided the Draft Project Description Report for review and comment.</li> <li>• Requested a Project introduction meeting to discuss the Project further.</li> <li>• Outlined additional information that would be sent to the community in the near future, regarding the Project.</li> <li>• Asked if the Notice of Proposal and Notice of Public Meeting (#1) to Engage in a Renewable Energy Project can be published in their local newspaper or posted at appropriate locations throughout the community.</li> <li>• Provided a link to the Project website to access additional information.</li> <li>• Provided Project contact information should they require additional information on the Project.</li> </ul>
Sent	February 23, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated February 22, 2012) and Notice of Proposal and Public Meeting (#1) to Engage in a Renewable Energy Project.</li> <li>• Provided the Draft Project Description Report.</li> </ul>
Sent	April 19, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated April 18, 2012) and Notice of Draft Site Plan.</li> <li>• Provided the Draft Site Plan Report, including a Cover Letter (dated April 18, 2012).</li> </ul>
Sent	August 27, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated August 27, 2012) and provided the Draft REA Reports (with the exception of the Consultation Report and the Letters from the Ministry of Tourism, Culture and Sport and the Ministry of Natural Resources) for review and comment, more than 90 days prior to the Final Public Meeting.</li> </ul>
Sent	September 26, 2012	Chief Elizabeth J. Cloud Mark French, First Nation Manager/C.E.O Phyllis Rauws George,	E-mail	<ul style="list-style-type: none"> <li>• Provided a Project Update Report for review.</li> </ul>

**GRAND BEND WIND FARM LIMITED PARTNERSHIP with NORTHLAND INC. as AGENT  
GRAND BEND WIND FARM  
CONSULTATION REPORT**

Appendix G2 – Aboriginal Community – Correspondence Record Comment/Response Summary Table  
February 2013

<b>Chippewas of Kettle and Stony Point First Nation</b>				
<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
		Economic Development Officer		
Sent	September 26, 2012	Chief Elizabeth J. Cloud Mark French, First Nation Manager/C.E.O Phyllis Rauws George, Economic Development Officer	N/A	<ul style="list-style-type: none"> <li>• Provided a hard copy of the Project Update Report.</li> </ul>
Sent	September 27, 2012	Chief Elizabeth J. Cloud Mark French, First Nation Manager/C.E.O Phyllis Rauws George, Economic Development Officer	E-mail	<ul style="list-style-type: none"> <li>• Noted that Figure A3 was revised and provided an updated Project Update Report.</li> </ul>
Sent	September 24, 2012			<ul style="list-style-type: none"> <li>• Sent Notice of Draft REA Reports Public Review and Notice of Final Public Meeting.</li> </ul>
Sent	October 29, 2012			<ul style="list-style-type: none"> <li>• Sent Notice of Draft Site Plan Extension.</li> </ul>

**GRAND BEND WIND FARM LIMITED PARTNERSHIP with NORTHLAND INC. as AGENT**

**GRAND BEND WIND FARM**

**CONSULTATION REPORT**

Appendix G2 – Aboriginal Community – Correspondence Record Comment/Response Summary Table

February 2013

**Chippewas of the Thames First Nation**

Sent/ Received	Date Sent/ Received	Name of Correspondent	Type of Correspondence	Correspondence Summary
Sent	February 21, 2012	Chief Richard "Joe" Miskokomon Dwayne Kechego, Acting General Manager/Economic Development Officer Denzel Deleary, Lands and Environment Officer	E-mail	<ul style="list-style-type: none"> <li>• Stated that Northland retained Neegan Burnside to prepare a REA for the Project, located to the north of Grand Bend in the municipalities of Bluewater and South Huron, Huron County, Ontario. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County.</li> <li>• Provided the Draft Project Description Report for review and comment.</li> <li>• Requested a Project introduction meeting to discuss the Project further.</li> <li>• Outlined additional information that would be sent to the community in the near future, regarding the Project.</li> <li>• Asked if the Notice of Proposal and Notice of Public Meeting (#1) to Engage in a Renewable Energy Project can be published in their local newspaper or posted at appropriate locations throughout the community.</li> <li>• Provided a link to the Project website to access additional information.</li> <li>• Provided Project contact information should they require additional information on the Project.</li> </ul>
Sent	February 23, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated February 22, 2012) and Notice of Proposal and Public Meeting (#1) to Engage in a Renewable Energy Project.</li> <li>• Provided the Draft Project Description Report.</li> </ul>
Received	March 29, 2012	Rolanda Elijah, Director –Lands and Environment	E-mail	<ul style="list-style-type: none"> <li>• Informed the Project team that she is the new Director for Chippewas of the Thames – Lands and Environment Department.</li> <li>• Acknowledged receipt of correspondence regarding the Project.</li> <li>• Interested in a meeting to learn more about the Project.</li> <li>• Proposed two dates in April 2012 for the meeting with the Project Team.</li> </ul>
Sent	March 30, 2012	Rolanda Elijah, Director –Lands and Environment	E-mail	<ul style="list-style-type: none"> <li>• Thanked correspondent for her e-mail.</li> <li>• Suggested April 18, 2012 for the meeting.</li> </ul>

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<b>Chippewas of the Thames First Nation</b>				
<b>Sent/Received</b>	<b>Date Sent/Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
Sent	March 30, 2012	Rolanda Elijah, Director –Lands and Environment	E-mail	<ul style="list-style-type: none"> <li>Requested preferred time and location of meeting.</li> <li>Northland suggested a meeting time of 11:00 am.</li> </ul>
Received	March 30, 2012	Rolanda Elijah, Director –Lands and Environment	E-mail	<ul style="list-style-type: none"> <li>Confirmed meeting time.</li> <li>Noted that she would provide a map of their office location.</li> </ul>
Sent	March 30, 2012	Rolanda Elijah, Director –Lands and Environment	E-mail	<ul style="list-style-type: none"> <li>Requested confirmation for meeting on April 18, 2012.</li> <li>Noted that the Project Team did not receive the map of the office location.</li> </ul>
N/A	April 18, 2012	Meeting Attendees: Rolanda Elijah, Director –Lands and Environment; Clint Couchie, Policy Analyst and GIS Mapping; Fallon Burch, Consultation Officer; Dan Deleary, Environment Officer; and, Representatives from Northland and Neegan Burnside.	Meeting	<ul style="list-style-type: none"> <li>Meeting to introduce the Project Team, to present the Project proposal and to ensure First Nations concerns are identified early and addressed where possible.</li> <li>Neegan Burnside provided an overview of the Project and presented potential environmental impacts and mitigation and identified next steps in the REA process.</li> <li>Chippewas of the Thames First Nation provided an information package on the Lands and Environment Unit Consultation Team, which included a figure identifying COTTFN Treaties.</li> <li>During the presentation the following items were discussed:               <ul style="list-style-type: none"> <li>Meetings held with other First Nations to date.</li> <li>Overview of environmental and cultural heritage studies that were underway.</li> <li>Overview of Northland and their experiences with other wind energy projects.</li> <li>Chippewas of the Thames First Nation (COTTFN) expressed concern about cumulative effects.</li> <li>COTTFN inquired if First Nations monitors were currently out on site for the archaeological studies.</li> <li>COTTFN inquired regarding the depth of the underground lines for the Project.</li> <li>COTTFN asked how many landowners were involved in the Project.</li> <li>COTTFN inquired as to how far below grade are the</li> </ul> </li> </ul>

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<b>Sent/Received</b>	<b>Date Sent/Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
				<ul style="list-style-type: none"> <li>foundations.</li> <li>○ COTTFN asked if anything grows beneath a turbine.</li> <li>• Additional discussions were held regarding noise associated with wind turbines, weight of the turbines and road user agreements for the Project.</li> <li>• COTTFN confirmed that the Project is located within their traditional territory.</li> <li>• Northland offered to present at a community open house, should COTTFN be interested.</li> </ul>
Sent	April 19, 2012	<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated April 18, 2012) and Notice of Draft Site Plan.</li> <li>• Provided the Draft Site Plan Report, including a Cover Letter (dated April 18, 2012).</li> </ul>		
Sent	August 26, 2012	<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated August 27, 2012) and provided the Draft REA Reports (with the exception of the Consultation Report and the Letters from the Ministry of Tourism, Culture and Sport and the Ministry of Natural Resources) for review and comment, more than 90 days prior to the Final Public Meeting.</li> </ul>		
Sent	September 26, 2012	Rolanda Elijah, Director –Lands and Environment	E-mail	<ul style="list-style-type: none"> <li>• Provided a Project Update Report for review.</li> </ul>
Sent	September 26, 2012	Rolanda Elijah, Director –Lands and Environment	N/A	<ul style="list-style-type: none"> <li>• Provided a hard copy of the Project Update Report.</li> </ul>
Sent	September 27, 2012	Rolanda Elijah, Director –Lands and Environment	E-mail	<ul style="list-style-type: none"> <li>• Noted that Figure A3 was revised and provided an updated Project Update Report.</li> </ul>
Sent	September 24, 2012	<ul style="list-style-type: none"> <li>• Sent Notice of Draft REA Reports Public Review and Notice of Final Public Meeting.</li> </ul>		
Sent	October 29, 2012	<ul style="list-style-type: none"> <li>• Sent Notice of Draft Site Plan Extension.</li> </ul>		



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<b>Aamjiwnaang First Nation</b>				
<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
Sent	February 21, 2012	Chief Christopher Plain, Tom Maness, General Manager, Chippewa Industrial Development	E-mail	<ul style="list-style-type: none"> <li>• Stated that Northland retained Neegan Burnside to prepare a REA for the Project, located to the north of Grand Bend in the municipalities of Bluewater and South Huron, Huron County, Ontario. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County.</li> <li>• Provided the Draft Project Description Report for review and comment.</li> <li>• Requested a Project introduction meeting to discuss the Project further.</li> <li>• Outlined additional information that would be sent to the community in the near future, regarding the Project.</li> <li>• Asked if the Notice of Proposal and Notice of Public Meeting (#1) to Engage in a Renewable Energy Project can be published in their local newspaper or posted at appropriate locations throughout the community.</li> <li>• Provided a link to the Project website to access additional information.</li> <li>• Provided Project contact information should they require additional information on the Project.</li> </ul>
Sent	February 23, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated February 22, 2012) and Notice of Proposal and Public Meeting (#1) to Engage in a Renewable Energy Project.</li> <li>• Provided the Draft Project Description Report.</li> </ul>
Received	March 15, 2012	Sharilyn Johnston, Environment Officer	Letter	<ul style="list-style-type: none"> <li>• In response to the Notice of Proposal and Notice of Public Meeting (#1) to Engage in a Renewable Energy Project.</li> <li>• Noted that the information received has been logged and would be forwarded to Chief and Council for review.</li> <li>• Indicated that the Project Team will be contacted upon further direction from their Council.</li> <li>• Requested capacity funding for Chief and Council meeting honorariums , consultants, Health and Environment meeting honorariums, legal fees, community meetings, printing and office expenses and any other related expenses as agreed by both parties.</li> </ul>

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<b>Aamjiwnaang First Nation</b>				
<b>Sent/Received</b>	<b>Date Sent/Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
				<ul style="list-style-type: none"> <li>• Provided contact information for future correspondence.</li> </ul>
Sent	April 19, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated April 18, 2012) and Notice of Draft Site Plan.</li> <li>• Provided the Draft Site Plan Report, including a Cover Letter (dated April 18, 2012).</li> </ul>
Received	May 9, 2012	Wilson Plain Jr., Health and Environment Consultation Worker	Email	<ul style="list-style-type: none"> <li>• Requested a CD copy of the Draft Site Plan Report.</li> </ul>
Sent	May 10, 2012	Wilson Plain Jr., Health and Environment Consultation Worker	Email	<ul style="list-style-type: none"> <li>• Noted that a CD copy of the Draft Site Plan report was sent via regular mail on May 10, 2012.</li> </ul>
N/A	June 6, 2012	Attendees: Sharilyn Johnston, Environment Officer (AFN); Jared Macbeth (WIFN); David Miller (McLeod Wood Associates); and, Representatives from Northland and Neegan Burnside.	Joint Meeting with Aamjiwnaang First Nation (AFN) and Walpole Island First Nation (WIFN)	<ul style="list-style-type: none"> <li>• Meeting to introduce the Project Team, to present the Project proposal and to ensure First Nations concerns are identified early and addressed where possible.</li> <li>• Neegan Burnside provided an overview of the Project and presented potential environmental impacts and mitigation and identified next steps in the REA process.</li> <li>• David Miller, who was retained by the First Nations, summarized partnership discussions held to date.</li> <li>• During the presentation the following items were discussed:               <ul style="list-style-type: none"> <li>○ First Nations field monitors that were on site during fieldwork activities.</li> <li>○ Both AFN and WIFN concerned about property values and potential cumulative effects</li> <li>○ WIFN suggested the possibility of off-site mitigation to compensate for potential effects on the natural environment.</li> </ul> </li> <li>• Northland committed to contacting AFN for future employment opportunities with regard to the Project and to considering off-site mitigation.</li> </ul>
Sent	August 26, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated August 27, 2012) and provided the Draft REA Reports (with the exception of the Consultation Report and the Letters from the Ministry of Tourism, Culture and Sport and the Ministry of Natural Resources) for review and comment, more than 90 days prior to the Final Public Meeting.</li> </ul>
Sent	September 26, 2012	Sharilyn Johnston, Environment Officer Wilson Plain Jr., Health	E-mail	<ul style="list-style-type: none"> <li>• Provided a Project Update Report for review.</li> </ul>

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<b>Aamjiwnaang First Nation</b>				
<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
		and Environment Consultation Worker Tom Maness, General Manager, Chippewa Industrial Development		
Sent	September 26, 2012	Sharilyn Johnston, Environment Officer Wilson Plain Jr., Health and Environment Consultation Worker Tom Maness, General Manager, Chippewa Industrial Development	N/A	<ul style="list-style-type: none"> <li>• Provided a hard copy of the Project Update Report.</li> </ul>
Sent	September 27, 2012	Sharilyn Johnston, Environment Officer Wilson Plain Jr., Health and Environment Consultation Worker Tom Maness, General Manager, Chippewa Industrial Development	E-mail	<ul style="list-style-type: none"> <li>• Noted that Figure A3 was revised and provided an updated Project Update Report.</li> </ul>
Sent	September 24, 2012			<ul style="list-style-type: none"> <li>• Sent Notice of Draft REA Reports Public Review and Notice of Final Public Meeting.</li> </ul>
Sent	October 29, 2012			<ul style="list-style-type: none"> <li>• Sent Notice of Draft Site Plan Extension.</li> </ul>
Received	November 29, 2012 (dated November 26, 2012)	Sharilyn Johnston, Environment Officer	Letter	<ul style="list-style-type: none"> <li>• Aamjiwnaang First Nation extend an invitation for the project team to attend future Environment Committee meeting to further present the information and allow the opportunity to discuss the project.</li> <li>• Noted these discussion follow requirements of Aamjiwnaang's Consultation and Accommodation Protocol.</li> <li>• Provide a response issued from the Environment Committee that lists concerns the first nation has in relation to the wind power project within their Traditional Territory.</li> </ul>

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**Walpole Island First Nation**

<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
Sent	February 21, 2012	Chief Joseph Gilbert Dean Jacobs, Consultation Manager, Walpole Island First Nation Heritage Centre Jared Macbeth, Project Review Coordinator, Walpole Island First Nation Heritage Centre	E-mail	<ul style="list-style-type: none"> <li>Stated that Northland retained Neegan Burnside to prepare a REA for the Project, located to the north of Grand Bend in the municipalities of Bluewater and South Huron, Huron County, Ontario. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County.</li> <li>Provided the Draft Project Description Report for review and comment.</li> <li>Requested a Project introduction meeting to discuss the Project further.</li> <li>Outlined additional information that would be sent to the community in the near future, regarding the Project.</li> <li>Asked if the Notice of Proposal and Notice of Public Meeting (#1) to Engage in a Renewable Energy Project can be published in their local newspaper or posted at appropriate locations throughout the community.</li> <li>Provided a link to the Project website to access additional information.</li> <li>Provided Project contact information should they require additional information on the Project.</li> </ul>
Sent	February 23, 2012	Sent Cover Letter (dated February 22, 2012) and Notice of Proposal and Public Meeting (#1) to Engage in a Renewable Energy Project. Provided the Draft Project Description Report.		
Sent	April 19, 2012	Sent Cover Letter (dated April 18, 2012) and Notice of Draft Site Plan. Provided the Draft Site Plan Report, including a Cover Letter (dated April 18, 2012).		
N/A	June 6, 2012	Meeting Attendees: Sharilyn Johnston, Environment Officer (AFN); Jared Macbeth (WIFN); David Miller (McLeod Wood	Joint Meeting with Aamjiwnaang First Nation (AFN) and Walpole Island First Nation (WIFN)	<ul style="list-style-type: none"> <li>Meeting to introduce the Project Team, to present the Project proposal and to ensure First Nations concerns are identified early and addressed where possible.</li> <li>Neegan Burnside provided an overview of the Project and presented potential environmental impacts and mitigation and identified next steps in the REA process.</li> <li>David Miller, who was retained by the First nations,</li> </ul>

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<b>Walpole Island First Nation</b>				
<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
		Associates); and, Representatives from Northland and Neegan Burnside		<p>summarized partnership discussions held to date.</p> <ul style="list-style-type: none"> <li>• During the presentation the following items were discussed:               <ul style="list-style-type: none"> <li>○ Potential for First Nations field monitors that were on site during fieldwork activities.</li> <li>○ Both AFN and WIFN concerned about property values and potential cumulative effects</li> <li>○ WIFN suggested the possibility of off-site mitigation to compensate for potential effects on the natural environment.</li> </ul> </li> <li>• Northland committed to contacting AFN for future employment opportunities with regard to the Project and to considering off-site mitigation.</li> </ul>
Sent	August 26, 2012	Sent Cover Letter (dated August 27, 2012) and provided the Draft REA Reports (with the exception of the Consultation Report and the Letters from the Ministry of Tourism, Culture and Sport and the Ministry of Natural Resources) for review and comment, more than 90 days prior to the Final Public Meeting.		
Sent	September 26, 2012	Chief Joseph Gilbert Dean Jacobs, Consultation Manager, Walpole Island First Nation Heritage Centre Jared Macbeth, Project Review Coordinator, Walpole Island First Nation Heritage Centre	E-mail	<ul style="list-style-type: none"> <li>• Provided a Project Update Report for review.</li> </ul>
Sent	September 26, 2012	Chief Joseph Gilbert Dean Jacobs, Consultation Manager, Walpole Island First Nation Heritage Centre Jared Macbeth, Project Review	N/A	<ul style="list-style-type: none"> <li>• Provided a hard copy of the Project Update Report.</li> </ul>

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<b>Walpole Island First Nation</b>				
<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
		Coordinator, Walpole Island First Nation Heritage Centre		
Sent	September 27, 2012	Chief Joseph Gilbert Dean Jacobs, Consultation Manager, Walpole Island First Nation Heritage Centre Jared Macbeth, Project Review Coordinator, Walpole Island First Nation Heritage Centre	E-mail	<ul style="list-style-type: none"> <li>Noted that Figure A3 was revised and provided an updated Project Update Report.</li> </ul>
Sent	September 24, 2012	Sent Notice of Draft REA Reports Public Review and Notice of Final Public Meeting.		
Received	September 26, 2012	Ed Gilbert, Director of Economic Development	E-mail	<ul style="list-style-type: none"> <li>Noted that the previous contact for the Economic Development Department was Interim Director Vera Williams.</li> <li>Indicated that a Director has been appointed and he is now the new contact for the Economic Development Department.</li> </ul>
Sent	October 29, 2012	Sent Notice of Draft Site Plan Extension.		

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**Oneida Nation of the Thames**

<b>Sent/Received</b>	<b>Date Sent/Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
Sent	March 23, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated February 22, 2012) and Notice of Proposal and Public Meeting (#1) to Engage in a Renewable Energy Project.</li> <li>• Provided the Draft Project Description Report.</li> </ul>
Sent	April 19, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated April 18, 2012) and Notice of Draft Site Plan.</li> <li>• Provided the Draft Site Plan Report, including a Cover Letter (dated April 18, 2012).</li> </ul>
Sent	August 27, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated August 27, 2012) and provided the Draft REA Reports (with the exception of the Consultation Report and the Letters from the Ministry of Tourism, Culture and Sport and the Ministry of Natural Resources) for review and comment, more than 90 days prior to the Final Public Meeting.</li> </ul>
Sent	September 26, 2012	Chief Joel Abram April Varewyck, Environmental Coordinator	E-mail	<ul style="list-style-type: none"> <li>• Provided a Project Update Report for review.</li> </ul>
Sent	September 26, 2012	Chief Joel Abram April Varewyck, Environmental Coordinator	N/A	<ul style="list-style-type: none"> <li>• Provided a hard copy of the Project Update Report.</li> </ul>
Sent	September 27, 2012	Chief Joel Abram April Varewyck, Environmental Coordinator	E-mail	<ul style="list-style-type: none"> <li>• Noted that Figure A3 was revised and provided an updated Project Update Report.</li> </ul>
Sent	September 24, 2012			<ul style="list-style-type: none"> <li>• Sent Notice of Draft REA Reports Public Review and Notice of Final Public Meeting.</li> </ul>
Sent	October 29, 2012			<ul style="list-style-type: none"> <li>• Sent Notice of Draft Site Plan Extension.</li> </ul>

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**Historic Saugeen Métis**

<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
Sent	March 23, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated February 22, 2012) and Notice of Proposal and Public Meeting (#1) to Engage in a Renewable Energy Project.</li> <li>• Provided the Draft Project Description Report.</li> </ul>
Received	May 1, 2012	Audrey Holden, Lands and Resources Consultation Coordinator	E-mail	<ul style="list-style-type: none"> <li>• Noted that the Project is located in Historic Saugeen Métis (HSM) traditional territory.</li> <li>• Requested a meeting with Historic Saugeen Metis Council to discuss the Project and its effects on HSM interests in the territory.</li> </ul>
Sent	May 14, 2012	Audrey Holden, Lands and Resources Consultation Coordinator	E-mail	<ul style="list-style-type: none"> <li>• Thanked correspondent for e-mail.</li> <li>• Noted that the Project Team is unable to meet with HSM Council end of May 2012.</li> <li>• Proposed the first two weeks in June 2012 for the meeting.</li> </ul>
Received	May 14, 2012	Audrey Holden, Lands and Resources Consultation Coordinator	E-mail	<ul style="list-style-type: none"> <li>• Proposed June 4 or 11, 2012 for the meeting.</li> <li>• Requested conformation on the preferred date.</li> </ul>
Sent	May 15, 2012	Audrey Holden, Lands and Resources Consultation Coordinator	E-mail	<ul style="list-style-type: none"> <li>• Noted that June 11, 2012 would be the preferred meeting date for the Project Team.</li> <li>• Inquired regarding the time and location for the meeting.</li> <li>• Noted that the Project Team would like to provide HSM Council with a power point presentation of the Project.</li> <li>• Would like to know who would be in attendance at the meeting.</li> </ul>
Received	May 15, 2012	Audrey Holden, Lands and Resources Consultation Coordinator	E-mail	<ul style="list-style-type: none"> <li>• Confirmed the meeting date of June 11, 2012.</li> <li>• Proposed mid-afternoon for the meeting.</li> <li>• Noted that they have a projector for power point presentations and that Council prefers to meet at the office whenever possible.</li> <li>• Provided names of the participants who would be present at the meeting and directions to HSM office.</li> </ul>



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<b>Historic Saugeen Métis</b>				
<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
				<ul style="list-style-type: none"> <li>• Asked who would be attending the meeting from the Project Team.</li> </ul>
Sent	May 15, 2012	Audrey Holden, Lands and Resources Consultation Coordinator	E-mail	<ul style="list-style-type: none"> <li>• Confirmed meeting time.</li> <li>• Provided the names of the persons who would be attending the meeting from the Project Team including Northland.</li> </ul>
N/A	June 11, 2012	Meeting Attendees: Patsy McArthur, HSM; Bennie Indoe, HSM; and, A representative from Northland and Neegan Burnside.	Meeting	<ul style="list-style-type: none"> <li>• Meeting to introduce the Project Team, to present the Project proposal and to ensure First Nations concerns are identified early and addressed where possible.</li> <li>• HSM summarized the history of HSM and provided a Community Prospectus.</li> <li>• Neegan Burnside provided an overview of the Project and presented potential environmental impacts and mitigation and identified next steps in the REA process.</li> <li>• During the presentation the following items were discussed:               <ul style="list-style-type: none"> <li>○ HSM inquired if Northland is responsible for constructing the transmission line.</li> <li>○ Land Lease Agreements.</li> <li>○ HSM indicated their interest in the results of the archaeological fieldwork.</li> <li>○ Potential partnership or economic opportunities.</li> <li>○ Project decommissioning.</li> <li>○ HSM inquired if renewable power will affect the price of their hydro bill.</li> <li>○ HSM confirmed that they will provide comments on the Draft Project Description Report.</li> <li>○ Community benefits such as education and sustainability.</li> <li>○ Capacity funding to cover meeting costs and review</li> </ul> </li> </ul>

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<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
				<ul style="list-style-type: none"> <li>o of Draft REA Reports.</li> <li>o HSM expressed concerns regarding long term, unknown impacts.</li> <li>o HSM requested a Letter of Intent for long term discussions and committed to providing a draft of this letter for review.</li> <li>• Northland requested a proposal from HSM for review and will consider capacity funding.</li> </ul>
Received	June 20, 2012	Patsy McArthur, Secretary-Treasurer for Historic Saugeen Métis	E-mail	<ul style="list-style-type: none"> <li>• Acknowledged meeting held June 11, 2012 and noted that Northland met with HSM two years ago regarding the Project.</li> <li>• Attached to e-mail, letter dated June 20, 2012 providing:               <ul style="list-style-type: none"> <li>o background information on HSM aboriginal rights;</li> <li>o the potential impacts of the Project on their aboriginal rights, interest and way of life;</li> <li>o a draft Schedule B for consideration with regard to capacity funding; and,</li> <li>o a draft Schedule C for consideration with regard to community benefits.</li> </ul> </li> <li>• Provided contact information where correspondences should be directed.</li> <li>• Pleased that Northland has engaged HSM in the planning stage of the Project.</li> </ul>
Sent	August 27, 2012	<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated August 27, 2012) and provided the Draft REA Reports (with the exception of the Consultation Report and the Letters from the Ministry of Tourism, Culture and Sport and the Ministry of Natural Resources) for review and comment, more than 90 days prior to the Final Public Meeting.</li> </ul>		
Received	September 4, 2012	Audrey Holden, Lands and Resources Consultation Coordinator	E-mail	<ul style="list-style-type: none"> <li>• Acknowledged receipt of the Draft REA Reports.</li> <li>• Noted that they would need to finalize the agreement discussed at the June 11, 2012 meeting before their consultant can review the Draft REA Reports.</li> </ul>

**GRAND BEND WIND FARM LIMITED PARTNERSHIP with NORTHLAND INC. as AGENT**

**GRAND BEND WIND FARM**

**CONSULTATION REPORT**

Appendix G2 – Aboriginal Community – Correspondence Record Comment/Response Summary Table

February 2013

<b>Historic Saugeen Métis</b>				
<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
				<ul style="list-style-type: none"> <li>Suggested a meeting to discuss the agreement as soon as possible.</li> <li>Proposed two dates in September for the meeting.</li> </ul>
Sent	September 6, 2012	Audrey Holden, Lands and Resources Consultation Coordinator	E-mail	<ul style="list-style-type: none"> <li>Noted that a voicemail message was left earlier.</li> <li>Requested that the correspondent returned the call on Monday or during the day of September 6, 2012.</li> </ul>
Received	September 18, 2012	Patsy McArthur, Secretary-Treasurer for Historic Saugeen Métis	Email	<ul style="list-style-type: none"> <li>Follow-up to correspondence on June 20<sup>th</sup>, 2012.</li> <li>Requested feedback on the original email sent June 20, 2012 so that a MOU/agreement can be put in place.</li> <li>Noted that a draft Letter of Intent would be provided shortly.</li> <li>Noted that several boxes have been delivered and they are unable to move forward until the agreement is finalized.</li> </ul>
Sent	September 21, 2012	Patsy McArthur, Secretary-Treasurer for Historic Saugeen Métis	E-mail	<ul style="list-style-type: none"> <li>Proposed two meeting dates in order to learn how the Project may adversely impact the exercise of HSM rights.</li> </ul>
Received	September 21, 2012	Patsy McArthur, Secretary-Treasurer for Historic Saugeen Métis	E-mail	<ul style="list-style-type: none"> <li>Indicated the preferred meeting date and noted that a representative will be available.</li> <li>Requested a time for the meeting.</li> </ul>
Sent	September 22, 2012	Gordon Potts, Northland Power	E-mail	<ul style="list-style-type: none"> <li>Proposed a time for the meeting.</li> </ul>
Received	September 24, 2012	Patsy McArthur, Secretary-Treasurer for Historic Saugeen Métis	E-mail	<ul style="list-style-type: none"> <li>Confirmed meeting time.</li> </ul>
N/A	September 26, 2012	Attendees: Patsy L. McArthur, Secretary-Treasurer Audrey Holden, Lands and Resources Consultation	Meeting	<ul style="list-style-type: none"> <li>HSM provided a historical background on their community and their rights in the area.</li> <li>HSM provided a 6-page document titled "Principles for Proponents Working in the Traditional Territories of the HSM".</li> <li>HSM noted that they do not have the capacity to review</li> </ul>

**GRAND BEND WIND FARM LIMITED PARTNERSHIP with NORTHLAND INC. as AGENT**

**GRAND BEND WIND FARM**

**CONSULTATION REPORT**

Appendix G2 – Aboriginal Community – Correspondence Record Comment/Response Summary Table

February 2013

<b>Historic Saugeen Métis</b>				
<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
		Coordinator Goldie Mielhausen, Councillor Northland representative		the Draft REA Reports. <ul style="list-style-type: none"> <li>• HSM inquired if other Metis communities were identified on the MOE Aboriginal Communities List</li> <li>• Discussions were held regarding funding to allow HSM consultant to review the Draft REA Reports.</li> <li>• Northland committed to drafting a letter agreement setting out the amount and terms for this commitment.</li> </ul>
Sent	October 18, 2012	Patsy L. McArthur, Secretary- Treasurer	E-mail	<ul style="list-style-type: none"> <li>• Apologized for slow responses.</li> <li>• Committed to following up on the letter agreement.</li> <li>• Provided the minutes of the September 26, 2012 meeting for review.</li> </ul>

**GRAND BEND WIND FARM LIMITED PARTNERSHIP with NORTHLAND INC. as AGENT**

**GRAND BEND WIND FARM**

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Appendix G2 – Aboriginal Community – Correspondence Record Comment/Response Summary Table

February 2013

<b>Munsee Delaware First Nation</b>				
<b>Sent/Received</b>	<b>Date Sent/Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
Sent	February 21, 2012	Receptionist	Telephone call	The Project Team called requesting the community office mailing address and the receptionist indicated that all correspondences regarding the Project should be addressed to the Band Manager and not Chief Patrick Waddilove.
Sent	February 21, 2012	Dan Miskokomon, Band Manager	E-mail	<ul style="list-style-type: none"> <li>• Stated that Northland retained Neegan Burnside to prepare a REA for the Project, located to the north of Grand Bend in the municipalities of Bluewater and South Huron, Huron County, Ontario. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County.</li> <li>• Provided the Draft Project Description Report for review and comment.</li> <li>• Requested a Project introduction meeting to discuss the Project further.</li> <li>• Outlined additional information that would be sent to the community in the near future, regarding the Project.</li> <li>• Asked if the Notice of Proposal and Notice of Public Meeting (#1) to Engage in a Renewable Energy Project can be published in their local newspaper or posted at appropriate locations throughout the community.</li> <li>• Provided a link to the Project website to access additional information.</li> <li>• Provided Project contact information should they require additional information on the Project.</li> </ul>
Sent	February 23, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated February 22, 2012) and Notice of Proposal and Public Meeting (#1) to Engage in a Renewable Energy Project.</li> <li>• Provided the Draft Project Description Report.</li> </ul>
Sent	April 19, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated April 18, 2012) and Notice of Draft Site Plan.</li> <li>• Provided the Draft Site Plan Report, including a Cover Letter (dated April 18, 2012).</li> </ul>
Sent	August 27, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated August 27, 2012) and provided the Draft REA Reports (with the exception of the Consultation Report and the Letters from the Ministry of Tourism, Culture and Sport and the Ministry of Natural Resources) for review and comment, more than 90 days prior to the Final Public Meeting.</li> </ul>

**GRAND BEND WIND FARM LIMITED PARTNERSHIP with NORTHLAND INC. as AGENT****GRAND BEND WIND FARM****CONSULTATION REPORT**

Appendix G2 – Aboriginal Community – Correspondence Record Comment/Response Summary Table

February 2013

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<b>Munsee Delaware First Nation</b>				
<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
Sent	September 26, 2012	Dan Miskokomon, Band Manager	E-mail	<ul style="list-style-type: none"><li>• Provided a Project Update Report for review.</li></ul>
Sent	September 26, 2012	Dan Miskokomon, Band Manager	N/A	<ul style="list-style-type: none"><li>• Provided a hard copy of the Project Update Report.</li></ul>
Sent	September 27, 2012	Dan Miskokomon, Band Manager	E-mail	<ul style="list-style-type: none"><li>• Noted that Figure A3 was revised and provided an updated Project Update Report.</li></ul>
Sent	September 24, 2012			<ul style="list-style-type: none"><li>• Sent Notice of Draft REA Reports Public Review and Notice of Final Public Meeting.</li></ul>
Sent	October 29, 2012			<ul style="list-style-type: none"><li>• Sent Notice of Draft Site Plan Extension.</li></ul>

**GRAND BEND WIND FARM LIMITED PARTNERSHIP with NORTHLAND INC. as AGENT**

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Appendix G2 – Aboriginal Community – Correspondence Record Comment/Response Summary Table

February 2013

<b>Delaware First Nation</b>				
<b>Sent/Received</b>	<b>Date Sent/Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
Sent	February 21, 2012	Chief Gregory Peters	E-mail	<ul style="list-style-type: none"> <li>• Stated that Northland retained Neegan Burnside to prepare a REA for the Project, located to the north of Grand Bend in the municipalities of Bluewater and South Huron, Huron County, Ontario. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County.</li> <li>• Provided the Draft Project Description Report for review and comment.</li> <li>• Requested a Project introduction meeting to discuss the Project further.</li> <li>• Outlined additional information that would be sent to the community in the near future, regarding the Project.</li> <li>• Asked if the Notice of Proposal and Notice of Public Meeting (#1) to Engage in a Renewable Energy Project can be published in their local newspaper or posted at appropriate locations throughout the community.</li> <li>• Provided a link to the Project website to access additional information.</li> <li>• Provided Project contact information should they require additional information on the Project.</li> </ul>
Sent	February 23, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated February 22, 2012) and Notice of Proposal and Public Meeting (#1) to Engage in a Renewable Energy Project.</li> <li>• Provided the Draft Project Description Report.</li> </ul>
Sent	April 19, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated April 18, 2012) and Notice of Draft Site Plan.</li> <li>• Provided the Draft Site Plan Report, including a Cover Letter (dated April 18, 2012).</li> </ul>
Sent	August 27, 2012			<ul style="list-style-type: none"> <li>• Sent Cover Letter (dated August 27, 2012) and provided the Draft REA Reports (with the exception of the Consultation Report and the Letters from the Ministry of Tourism, Culture and Sport and the Ministry of Natural Resources) for review and comment, more than 90 days prior to the Final Public Meeting.</li> </ul>
Sent	September 26, 2012	Chief Gregory Peters	E-mail	<ul style="list-style-type: none"> <li>• Provided a Project Update Report for review.</li> </ul>
Sent	September 26, 2012	Chief Gregory Peters	N/A	<ul style="list-style-type: none"> <li>• Provided a hard copy of the Project Update Report.</li> </ul>

**GRAND BEND WIND FARM LIMITED PARTNERSHIP with NORTHLAND INC. as AGENT****GRAND BEND WIND FARM****CONSULTATION REPORT**

Appendix G2 – Aboriginal Community – Correspondence Record Comment/Response Summary Table

February 2013

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<b>Delaware First Nation</b>				
<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
Sent	September 27, 2012	Chief Gregory Peters	E-mail	<ul style="list-style-type: none"><li>Noted that Figure A3 was revised and provided an updated Project Update Report.</li></ul>
Sent	September 24, 2012			<ul style="list-style-type: none"><li>Sent Notice of Draft REA Reports Public Review and Notice of Final Public Meeting.</li></ul>
Sent	October 29, 2012			<ul style="list-style-type: none"><li>Sent Notice of Draft Site Plan Extension.</li></ul>



**GRAND BEND WIND FARM LIMITED PARTNERSHIP with NORTHLAND INC. as AGENT**  
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Appendix G2 – Aboriginal Community – Correspondence Record Comment/Response Summary Table  
 February 2013

<b>Métis Nation of Ontario</b>				
<b>Sent/Received</b>	<b>Date Sent/Received</b>	<b>Name of Correspondent</b>	<b>Type of Correspondence</b>	<b>Correspondence Summary</b>
Sent	February 21, 2012	Melanie Paradis, Director, Lands, Resources and Consultations	E-mail	<ul style="list-style-type: none"> <li>Stated that Northland retained Neegan Burnside to prepare a REA for the Project, located to the north of Grand Bend in the municipalities of Bluewater and South Huron, Huron County, Ontario. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County.</li> <li>Provided the Draft Project Description Report for review and comment.</li> <li>Requested a Project introduction meeting to discuss the Project further.</li> <li>Outlined additional information that would be sent to the community in the near future, regarding the Project.</li> <li>Asked if the Notice of Proposal and Notice of Public Meeting (#1) to Engage in a Renewable Energy Project can be published in their local newspaper or posted at appropriate locations throughout the community.</li> <li>Provided a link to the Project website to access additional information.</li> <li>Provided Project contact information should they require additional information on the Project.</li> </ul>
Sent	February 23, 2012			<ul style="list-style-type: none"> <li>Sent Cover Letter (dated February 22, 2012) and Notice of Proposal and Public Meeting (#1) to Engage in a Renewable Energy Project.</li> <li>Provided the Draft Project Description Report.</li> </ul>
Sent	April 19, 2012			<ul style="list-style-type: none"> <li>Sent Cover Letter (dated April 18, 2012) and Notice of Draft Site Plan.</li> <li>Provided the Draft Site Plan Report, including a Cover Letter (dated April 18, 2012).</li> </ul>
Sent	August 27, 2012			<ul style="list-style-type: none"> <li>Sent Cover Letter (dated August 27, 2012) and provided the Draft REA Reports (with the exception of the Consultation Report and the Letters from the Ministry of Tourism, Culture and Sport and the Ministry of Natural Resources) for review and comment, more than 90 days prior to the Final Public Meeting.</li> </ul>
Sent	September 24, 2012			<ul style="list-style-type: none"> <li>Sent Notice of Draft REA Reports Public Review and Notice of Final Public Meeting.</li> </ul>
Sent	October 29, 2012			<ul style="list-style-type: none"> <li>Sent Notice of Draft Site Plan Extension.</li> </ul>

## **Appendix G3**

### **Aboriginal Community Open House Comment Form Summaries**

**GRAND BEND WIND FARM LIMITED PARTNERSHIP with NORTHLAND INC. as AGENT****GRAND BEND WIND FARM****CONSULTATION REPORT**

Appendix G3 –Aboriginal Community Open House Comment Form Summaries

February 2013

**Bkejwanong Territory (Walpole Island First Nation) - First Nations Meeting 1 - May 2012**

<b>Correspondent</b>	<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Comment Form Summary</b>
1	Received	May 23, 2012	<ul style="list-style-type: none"><li>• Feels that there is a great investment for the First Nation.</li><li>• Correspondent supports the Project as a move forward for Bkejwanong Territory</li></ul>
2	Received	May 23, 2012	<ul style="list-style-type: none"><li>• Asked if the community would be subject to municipal or other taxes.</li><li>• Inquired regarding OPA changes to the Green Energy Projects and how does it affect this Project.</li><li>• Asked if there would be job guarantees for First Nation members.</li><li>• Inquired as to why Northland is charging the First Nation the proposed interest rate given the duty to consult and the Aboriginal Adder.</li><li>• Asked about Walpole Island First Nation credit rating and how would this rating affect the partnership.</li></ul>
3	Received	May 23, 2012	<ul style="list-style-type: none"><li>• Noted that the presentation and response to questions were thorough.</li><li>• Suggested that the community organizers distribute the Notice for the meeting sooner rather than the day of the meeting.</li><li>• Suggested projected profits and income flow as a good selling module for the next Information Session.</li></ul>

**GRAND BEND WIND FARM LIMITED PARTNERSHIP with NORTHLAND INC. as AGENT**

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Appendix G3 –Aboriginal Community Open House Comment Form Summaries

February 2013

**Bkejwanong Territory (Walpole Island First Nation) - First Nations Meeting 2 - February 2013**

<b>Correspondent</b>	<b>Sent/ Received</b>	<b>Date Sent/ Received</b>	<b>Comment Form Summary</b>
4	Received	February 2013	<ul style="list-style-type: none"> <li>Marked concerns regarding potential impacts on archaeological/cultural resources and potential impacts to the natural environment.</li> </ul>
5	Received	February 2013	<ul style="list-style-type: none"> <li>Marked concerns regarding potential impacts on archaeological /cultural resources, potential impacts to natural environment and potential impacts to tourism.</li> <li>Suggested that the community will receive 3.2-3.5 million per year, and advised it will be at the discretion of the Chief and Council to decide where the money goes.</li> <li>Questioned what are the eco concerns? It's not worth the risk.</li> <li>Indicated that community has set a precedent of bad investments and the distributions are not appealing enough.</li> <li>Advised that wind turbines would affect the migratory pattern of birds.</li> <li>Provided calculation of compensation per year.</li> </ul>
6	Received	February 2013	<ul style="list-style-type: none"> <li>Marked concern regarding potential impacts on archaeological/cultural resources and potential impacts to the natural environment.</li> <li>Questioned that if the community signed on would this mean no Consultation accommodation.</li> <li>Also, inquired if they would be responsible to deal with other First Nations that don't want a wind farm in their area or will Northland deal with these issues.</li> <li>For future wind farms in the First Nations area will the proponent consult and accommodate the community, or does signing on negate that in the future.</li> </ul>
7	Received	February 2013	<ul style="list-style-type: none"> <li>Indicated support for wind farm.</li> <li>Marked concern regarding potential impacts to the natural environment.</li> <li>Inquired as to how wide of an area the wind turbines take over?</li> <li>Inquired if the community (ies) in favor of the project?</li> <li></li> <li></li> </ul>
8	Received	February 2013	<ul style="list-style-type: none"> <li>Indicated support for wind turbines.</li> <li>Marked concern regarding potential impacts on archaeological/cultural resources, potential impacts to the natural environment and potential impacts to tourism.</li> <li>Support due to the benefit to the community.</li> </ul>
9	Received	February 2013	<ul style="list-style-type: none"> <li>Listed a number of questions:</li> </ul>

**GRAND BEND WIND FARM LIMITED PARTNERSHIP with NORTHLAND INC. as AGENT**

**GRAND BEND WIND FARM**

**CONSULTATION REPORT**

Appendix G3 –Aboriginal Community Open House Comment Form Summaries

February 2013

**Bkejwanong Territory (Walpole Island First Nation) - First Nations Meeting 2 - February 2013**

Correspondent	Sent/ Received	Date Sent/ Received	Comment Form Summary
			<ul style="list-style-type: none"> <li>▪ How will this benefit Walpole Islands First Nation?</li> <li>▪ What is the total cost to Walpole?</li> <li>▪ What happens if the project fails?</li> <li>▪ Why were there no hand-outs?</li> <li>▪ What if we don't buy into this?</li> <li>▪ Who approached who?</li> <li>▪ If we the First Nations approached you, what was our reasoning to do this?</li> <li>▪ When (year) did the First Nations first approach you?</li> <li>▪ Would this create jobs for the First Nation people?</li> <li>▪ How does this affect any land claims?</li> <li>▪ Is there any reason why a representative from Sarnia First Nation is here?</li> <li>▪ Are you delivering the same message to both First Nations?</li> </ul>
10	Received	February 2013	<ul style="list-style-type: none"> <li>• Indicated support for wind farm.</li> <li>• Inquired if the First Nation will be taxed?</li> </ul>
11	Received	February 2013	<ul style="list-style-type: none"> <li>• Indicated support for the wind farm.</li> <li>• Marked concerns regarding potential impacts on archaeological/cultural resources, and potential impacts to the natural environment.</li> </ul>

**Stantec**

**GRAND BEND WIND FARM  
CONSULTATION REPORT**

## **Appendix G4**

### **Project Summary Report**



**Grand Bend Wind Farm**  
**Project Summary Draft Report**

**Grand Bend Wind Limited Partnership,  
c/o Northland Power Inc.**



**NEEGAN BURNSIDE**



**August 2012**



**GRAND BEND WIND FARM  
PROJECT SUMMARY REPORT**

**DRAFT**

File No. 160960765  
August 2012

*Prepared for:*

**Grand Bend Wind Limited Partnership  
C/O Northland Power Inc.**  
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## **1.0 Introduction**

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The information contained in this report is a summary of the key Renewable Energy Approval (REA) documents prepared by Neegan Burnside on behalf of the Grand Bend Wind Limited Partnership c/o Northland Power Inc.

### **1.1 PROJECT OVERVIEW**

The Grand Bend Wind Limited Partnership, c/o Northland Power Inc. (“Northland”) is proposing to develop, construct and operate a 100 MW wind facility located north of Grand Bend, Ontario. An application for approval is being prepared under Ontario Regulation 359/09 of the Environmental Protection Act. The project is classified as a Class 4 Wind facility under the Regulation. The Grand Bend Wind Farm (“the Project”) is located in Huron County, spanning the lower-tier municipalities of Bluewater and Huron South. Portions of the transmission line also traverse the municipality of Huron East and municipality of West Perth in Perth County. The project location and study area is provided in **Appendix A, Figure 1**.

The basic project components will include up to 48 turbines (Siemens SWT 2.3 113 direct drive wind turbine generators with a total name plate capacity of 100 MW), turbine access roads, a 36 kV electrical collection system, substation and a new transmission line within municipal road Right-Of-Ways (“ROWs”) along Rodgerville Road, Line 17 and Road 183 with connection to the provincial power grid at the 230 kV transmission line south of the Seaforth Transformer Station. During construction temporary components will include crane pads and work/storage areas at the turbine locations and construction of the transmission connections.

### **1.2 REPORT REQUIREMENTS**

The preparation of a Project Summary Report is one component of the REA process for the Project, and has been prepared in accordance with Section 17.(1)3. of O. Reg. 359/09. As required within Section 17.(1)3. of O. Reg. 359/09, this Project Summary Report provides a summary of each draft document that will be made available to the public at least 60 days before the Project’s Final Public Open House. This report includes a summary of the following draft reports, as presented in Section 3.0:

- Project Description Report;
- Construction Plan Report;
- Design and Operations Report (includes Site Plan, Property Line Setback Assessment and Visual Simulations).
- Noise Assessment Report
- Telecommunication Impact Study
- Decommissioning Plan Report;
- Wind Turbine Specifications Report;

- Natural Heritage Assessment and Environmental Impact Study;
  - Records Review
  - Site Investigation Report
  - Evaluation of Significance
  - Environmental Impact Study
- Water Assessment and Water Body Report;
- Cultural Heritage Assessment; and
- Stage 1-2 Archaeological Assessment Report.

The Visual Simulations and Telecommunication Impact Study Reports are not strictly required under the Regulation. However, Grand Bend Wind Limited Partnership have undertaken these studies as part of their overall due diligence. Grand Bend Wind Limited Partnership also intends to undertake a Cumulative Effects Assessment for the Project.

A separate summary is also provided of the potential effects, mitigation measures, and monitoring plans that have been identified and developed during the preparation of the draft reports (Section 4.0).

## **2.0 Project Information**

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### **2.1 PROJECT LOCATION**

The Project will be located on privately-owned land and within municipal road allowances in Huron County and Perth County.

O. Reg. 359/09 defines the Project Location as:

*“a part of land and all or part of any building or structure in, on or over which a person is engaging in or proposes to engage in the project and any air space in which a person in engaging in or proposes to engage in the project”.*

For the purposes of this Project, the Project Location includes the footprint of the facility components, plus any temporary work and storage locations. The boundary of the Project Location is used for defining setback and site investigation distances according to O.Reg. 359/09. The buildable area, which includes the footprint of the facility components, plus any temporary work and storage locations, will be staked on private lands. All construction and installation activities will be conducted within these designated areas; this includes construction vehicles and personnel. Similarly, all installation activities related to collector lines within the municipal road allowance will be contained within the boundaries of the road allowance.

### **2.2 PROJECT COMPONENTS**

#### **2.2.1 Wind Turbine Generators**

The project is proposed to consist of up to 48 turbines with a total electricity generation capacity of 100 MW. The Siemens SWT-2.3-113 turbine is the preferred model. Turbine specifications are presented in **Table 2.1**. Subject to availability, design features and costing, alternative turbine type(s) may be utilized. Turbines may also be operated in noise reduced modes.

**Table 2.1: Siemens SWT-2.3-113 Specifications**

Manufacturer	Siemens
Model	SWT-2.3-113
Nameplate Capacity	2.3 MW
Hub Height	99.5m
Blade Length	55m
Rotor diameter	113m
Rotor sweep area	10,000m <sup>3</sup>
Speed Range	6-13 rpm
Nominal Noise Level	101-105 dBA (variable)
Frequency	60 Hz

### **2.2.2 Electrical Facility Components**

The project will also include the following components:

- Step-up transformers adjacent to each turbine at the base of the tower;
- 36 kV underground electrical power lines from each turbine to the nearest municipal road right-of-way ("ROW");
- 230 kV transmission line from the sub-station to the existing 230 kV Hydro One transmission system to the east of the Project Study Area (within ROW);
- Connection to the 230 kV Hydro One power grid south of Seaforth TS location; and,
- A 73 m X 54 m (approx. size) transformer substation.

### **2.2.3 Access Roads**

Existing provincial and municipal roads will be used to transport project-related components, equipment and personnel to the Study Area during construction and as required during operation. The Project would be situated exclusively on privately owned land and municipal road allowances. Access to these lands will be required for installation and operation of the wind turbines and lease agreements have previously been signed with each of the landowners involved. Some agricultural laneways are present in the vicinity of the Project and will be utilized where possible. New laneways will be constructed as required and in consultation with landowners to provide access to the individual turbine sites. Construction access laneways will be approximately 5-11 m wide during construction. Permanent access laneways may be reduced in size to approximately 6 m wide with the exception of entrances off municipal roads and all turning areas which require wider turning radii.

### **2.2.4 Water Crossings**

Where underground collector lines cross watercourses or other sensitive natural areas, the buried collection lines will be installed using directional drill techniques at a sufficient depth below the watercourse to prevent any possibility of accidental damage due to dredging or over excavation. If required, signs indicating the presence and location of the cables will also be placed on either side of the watercourse or other areas involved. All water crossings will require permit approval from the Ausable Bayfield Conservation Authority (ABCA) and/or the Upper Thames River Conservation Authority (UTRCA). The final configuration and route for the collector lines will be determined as part of the REA process. All temporary crossings will comply with the DFO's Ontario Operation Statement 'Temporary Stream Crossings' where possible.

### **2.2.5 Operation and Maintenance Building**

A service and parts storage building is proposed close to the transformer sub-station location. An alternative location is also being considered. The building will be approximately 50' x 120' and will include a parking area. This building will be serviced with water/wastewater (well and septic).

### **2.2.6 Meteorological Tower**

One permanent met tower is already installed and will continue to be used during the operational phase of the Project.

## **2.3 TEMPORARY COMPONENTS**

Lands to be temporarily used during the construction of the Project include staging areas for access roads and underground cable construction, delivery truck turnaround areas, staging areas at each turbine location, and crane laydown areas. Any temporary structures used during construction will not be serviced with electrical or water hook-ups, and will be placed within delineated construction work areas.

The existing land use at all Project areas is agricultural. Following construction activities, all locations will be restored to pre-impact conditions. Restoration work will start following installation of each wind turbine and removal of all construction materials and equipment from each turbine site.

**Turbine Staging Areas** – At this time, plans are for turbine components to be delivered directly to the staging areas for each turbine. The components will be temporarily stored within these staging areas until assembled; there will be no central laydown area. Turbine staging areas will be initiated in conjunction with turbine assembly, and will be rehabilitated to pre-construction condition following the end of the construction phase. Turbine staging areas would be actively used to varying degrees during all construction activities at the specific turbine site areas.

**Access Road Staging Areas** - A staging area will be required for construction of the access road. This staging area will be within the 12 metre area surveyed and studied for the access roads.

**Delivery Truck Turnaround Areas** - These turnaround areas will be the same width as access roads, with additional space as required for turning radii, and will be constructed in the same manner. There is a similar turnaround requirement for staging areas.

**Access Road Entrances** - Access road entrances require a wider turning radius for construction/delivery vehicles.

**Crane Laydown Areas** – An area will be identified within which crane components will be assembled.

**Crane Pads** - Crane pads will consist of gravel pads on which the construction crane will sit. A crane pad would be located at each turbine location at the end of each access road to be used during turbine assembly. Pads will generally be constructed at the same time as the access roads.

## 2.4 PROJECT ACTIVITIES

A description of the key construction, operation, and repowering/decommissioning phases of the Project are provided in **Table 2.2**.

<b>Table 2.2: Key Project Activities</b>	
<b>Phase (timing)</b>	<b>Project Activities</b>
Construction Phase (Fall 2013 – Fall 2014)	<ul style="list-style-type: none"> <li>• Survey for Layout</li> <li>• Geotechnical Investigation</li> </ul>
	Turbine Sites and Access: <ul style="list-style-type: none"> <li>• Delineation of temporary work areas;</li> <li>• Completion of necessary site clearing and grading;</li> <li>• Construction of access roads, including installation of culverts and agricultural tile drain modifications, where required;</li> <li>• Local road improvement, where required</li> <li>• Component transportation to work areas;</li> <li>• Installation of crane pads;</li> <li>• Installation of tower foundations;</li> <li>• Tower/turbine erection;</li> <li>• Connection of wind turbines to electrical collection system;</li> <li>• Remediation of temporary work areas;</li> <li>• Completion of permanent access roads and decommissioning of portions of temporary access roads;</li> <li>• Site landscaping (final grading, topsoil replacement, fence installation, tile drain replacement etc.)</li> </ul>
	Collection System: <ul style="list-style-type: none"> <li>• ROW clearing, as required;</li> <li>• Installation of 36 kV electrical collection system within private land easements and municipal ROWs;</li> <li>• Step-up transformer substation and operations (parts/storage) building.</li> </ul>
	Transmission Line and Interconnection: <ul style="list-style-type: none"> <li>• ROW clearing, as required;</li> <li>• Installation of overhead transmission lines;</li> <li>• Installation of switch gear at connection point with Hydro One transmission line (provincial grid);</li> <li>• Commissioning of the project.</li> <li>• Site restoration.</li> </ul>
Commercial Operation (Fall 2014)  Operation/Maintenance (2014- 2025)	Turbine Sites: <ul style="list-style-type: none"> <li>• Periodic vehicle access for maintenance;</li> <li>• Remote condition monitoring and meter calibrations;</li> <li>• Grounds keeping.</li> </ul>
	Collection System: <ul style="list-style-type: none"> <li>• Testing and maintenance of electrical equipment.</li> </ul>
Decommissioning Phase (Approx. 20 years after Operation)	Transmission Line: <ul style="list-style-type: none"> <li>• Ongoing clearing of vegetation within ROW;</li> <li>• Testing and maintenance of electrical equipment;</li> <li>• Maintenance and replacement of poles and other transmission components, as required.</li> </ul>
	Turbine Sites: <ul style="list-style-type: none"> <li>• Removal of tower and turbine infrastructure;</li> <li>• Removal of foundation to not less than 3 ft below grade;</li> <li>• Turbine site grading and rehabilitation (dependent on new proposed use);</li> </ul>



**Stantec**  
**GRAND BEND WIND FARM**  
**PROJECT SUMMARY REPORT**

<b>Table 2.2: Key Project Activities</b>	
<b>Phase (timing)</b>	<b>Project Activities</b>
	<ul style="list-style-type: none"> <li>• Removal of all waste from the site.</li> </ul>
	<p>Access Roads:</p> <ul style="list-style-type: none"> <li>• Access roads will be left at landowner's request or graded to restore topography and soils and vegetated (dependent on new proposed use).</li> </ul>
	<p>Collection Lines:</p> <ul style="list-style-type: none"> <li>• Removal of below ground collection lines and restoration of terrain.</li> </ul>
	<p>Transmission Line and Substation:</p> <ul style="list-style-type: none"> <li>• Removal of overhead transmission line and conductors;</li> <li>• Removal of substation components;</li> <li>• Removal of poles;</li> <li>• Removal of all waste from the site.</li> </ul>

### **3.0 Summary of REA Documents**

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The following is a summary of each document that is being provided as part of the Grand Bend Wind Limited Partnership REA application. Each document summarized below was prepared in accordance with O. Reg. 359/09.

Section 4.0 of this document provides a summary of the potential environmental effects, mitigation measures, and monitoring/contingency measures that have been identified within each of the following reports summarized below.

#### **3.1 PROJECT DESCRIPTION REPORT**

The Project Description Report provides an overall view of the Project along with details regarding the type of energy, facilities, equipment, and technology to be used. This includes descriptions of Project components such as the turbines, electrical infrastructure, access roads, water crossings, operation and maintenance building, met tower, and temporary construction areas.

The activities to be engaged in including an overall Project schedule is provided along with the regulatory framework of the Project including other permits and approvals that apply to the Project outside of the REA process. Construction is scheduled to commence in September of 2013 with commercial operation anticipated in December 2014. The wind farm would have a useful operating life of approximately 20 years without significant upgrades and/or machinery replacement.

A description of the potential environmental effects is appended to the report, summarizing the potential effects during the construction, operation, and decommissioning phases of the Project. Mapping of the Project Location with various natural heritage and socio-economic features is also appended to the report.

#### **3.2 CONSTRUCTION PLAN REPORT**

The Construction Plan Report details the construction phase of the Project. This includes detailed descriptions of the construction and installation activities, transportation plan, the location, timing and duration of construction activities, the potential adverse effects as a result of constructing the Project, and the proposed mitigation and monitoring measures.

Construction of the Project is estimated to take approximately 15 months starting in September 2013. Within this timeframe, specific construction activities have been scheduled to protect natural resources and municipal infrastructure, in particular, the condition of local roads. The majority of construction activities will be completed using standard equipment, materials, and methods utilized in Ontario for electricity generation, distribution, transmission, and land

development projects. Turbines will be delivered and installed using custom delivery trucks, cranes, and methods utilized for other wind projects in Ontario and worldwide.

A description of the Project components along with a detailed description of the materials and construction equipment to be brought on site is provided. The process for constructing/installing facility infrastructure is also provided included any temporary uses of lands and waste management procedures. Mapping of the Project Location with various natural heritage and socio-economic features, and conceptual schematics are also appended to the report.

The construction of the Project is anticipated to have few net adverse effects on the environment, provided the identified protective and mitigation measures are properly applied. For each potential negative effect, appropriate mitigation, monitoring, and contingency measures were developed. These typically involve setbacks from environmental features, modified construction procedures, timing restrictions, and rehabilitation measures.

During detailed design, the proposed mitigation, monitoring, and contingency measures described in this report will be translated into construction contract specifications as appropriate to fulfill the obligations of the Renewable Energy Approval. A construction environmental management plan and construction monitoring plans/procedures would be implemented in a manner that is consistent with the Grand Bend Wind Limited Partnership's standard environmental and engineering practices and in compliance with applicable municipal, provincial, and federal standards and guidelines. The construction environmental management plan would be comprised of a series of procedures covering all critical construction and environmental management tasks including mitigation measures, which would be developed based on the information provided in the Renewable Energy Approvals reports prepared for this project.

### **3.3 DESIGN AND OPERATIONS REPORT**

The Design and Operations Report provides a description of the design and conceptual plans of the facility along with the operational/maintenance procedures, the potential environmental effects of operating the facility, the environmental effects monitoring plan, and the communications and emergency response plan. The facility design plan provides a written description of the project components identified in the Site Plan. This includes a description of the turbines, electrical infrastructure, access roads, permanent water crossings, operation and maintenance building, and met tower. The following reports are appended:

- Site Plan
  - Illustrates Project components and cultural and natural features along with any applicable setbacks.
- Property Line Setback Assessment

- The Property Line Setback Assessment Report illustrates that turbines sited near property lines will not result in any adverse impacts on neighbouring businesses, infrastructure, or land use activities
- Visual Simulations
  - Visual simulations were created at ten representative viewpoints showing the expected view of the Project during operation. Viewpoints were selected to represent the range of landscapes present in the vicinity of the Project, including parks and recreation, Lake Huron shoreline, residential and agricultural views. In many cases vegetation and houses screen the view of lower portion of most turbines. Highly valued views from the shoreline are directed towards the lake itself and not in the direction of the Project. Views within residential and agricultural areas vary from partially closed to open.

The facility operations plan describes the various ongoing activities including daily operation of the wind farm. A comprehensive operations and maintenance plan will be developed during detailed design to ensure safe and reliable operation of the Project. Operations and maintenance procedures will be performed by approximately 5-10 full time staff based at the Parts and Storage building. The operations and maintenance plan will include procedures for scheduled and unscheduled maintenance, as well as regular monitoring and inspection of Project components.

The potential environmental effects and mitigation measures associated with Project operation is also provided (a summary of the key findings are provided in Section 4.0). The environmental effects monitoring plan identifies the environmental management systems, programs, plans and procedures such as occupational health and safety, and the monitoring requirements and contingency measures.

Emergency response and communications plans will be developed and implemented during construction, operation, and decommissioning of the Project. These plans will ensure members of the community, Aboriginal communities, local municipalities and government ministries are kept apprised of pertinent Project activities, in addition to any emergencies in the unlikely event that one should occur.

Provided the identified protective and mitigation measures are properly applied to the environmental features discussed, in conjunction with the monitoring plans and contingency measures, the operation phase of the Project is anticipated to have few net adverse effects on the environment.

### **3.4 NOISE ASSESSMENT REPORT**

The Noise Assessment Report provides an estimation of the noise levels that would be generated by the wind turbines and other project components. The report compares the estimated noise levels to the appropriate guidelines to ensure prescribed limits are met. The assessment concludes that the noise impact from the Project does not exceed the most

restrictive noise limits that apply for areas with acoustic designation of Class 3 (Rural) as defined by the Ministry of the Environment. An acoustic barrier will be required at the proposed transformer location.

### **3.5 TELECOMMUNICATION STUDY**

An inventory and preliminary analysis was completed for every telecommunication system listed in the Industry Canada database and located within 100 km of the wind farm project study area. The following systems have been identified:

- One cellular base station, however it is more than 1 km for the closest turbine.
- Three point-to-point links crossing or terminating within the project study area. Additional field study/consultation will be required with regard to the location of turbine T-4 and T21.
- The Exeter Environment Canada weather radar station and the London air traffic control primary surveillance radar (PSR) station are located within 100 km. Nav Canada have confirmed that there is no issue with the London airport PSR. Environment Canada expressed serious concerns with regard to the performance of the Exeter radar station (located approximately 25 km east of the wind farm). Mitigation measures are available and consultation is ongoing in order to implement appropriate mitigation.
- The Elginfield seismic station is located approximately 35 km southeast of the wind farm and is collocated with an infrasound measurement system. NRCan will be consulted with regard to the Project.

### **3.6 DECOMMISSIONING PLAN REPORT**

The Decommissioning Plan Report provides a description of the plans for the decommissioning of the Project including pre-dismantling procedures, procedures for equipment dismantling and removal, activities related to the restoration of land affected by the Project, procedures for managing excess materials and waste, and the removal of all components from the sites.

All above-ground infrastructure would be removed, and all below-ground infrastructure would be removed to a depth of approximately one metre below grade. Temporary uses of land would be required for decommissioning activities. The costs for removal of Project infrastructure would be the responsibility of the owner of the Project or the purchaser of the reusable materials.

At the time of decommissioning, the restoration plan would be updated as necessary based on the standards and best practices at the time of decommissioning, and in consultation with the landowner and appropriate regulatory and government bodies. The decommissioning plan would involve restoration of agricultural lands, areas not in agricultural production, municipal road allowances and water crossings, contingency measures for potential contamination, and a monitoring period which allows for the Project area to experience seasonal changes and help determine if additional restoration is required.

The Siemens SWT-2.3-113 wind turbines utilized in this Project have a typical operational lifespan of approximately 20 to 25 years. Should the economic climate remain viable for wind power at the end of the life span of the equipment, the facility could be “repowered” with new technology. This process may include the replacement and/or upgrading of the Projects components with technology available at the time. Prior to any potential “repowering”, Northland will prepare a report detailing the proposed works in accordance with the applicable policies at that time.

### **3.7 WIND TURBINE SPECIFICATIONS REPORT**

The Wind Turbine Specifications Report provides specification information on the wind turbine models to be used for the Project, including the make, model numbers, name plate capacity, hub height above grade, rotational speeds and acoustic emissions data, including the sound power level and frequency spectrum, in terms of octave-band power levels. More detailed turbine specifications from the manufacturer are appended to the report.

### **3.8 NATURAL HERITAGE ASSESSMENT AND ENVIRONMENTAL IMPACT STUDY**

The Natural Heritage Assessment and Environmental Impact Study has been prepared in accordance with Sections 24 through 28, 37 and 38 of O. Reg. 359/09. The report identifies the existence and boundaries of all natural features within 120 m of the Project Location based on a review of background records and site investigations. As the Project Location is within 120 m of natural features, the report provides an evaluation of significance for each identified feature based on either an existing Ministry of Natural Resources (MNR) designation of the feature, or by using evaluation criteria or procedures established or accepted by the MNR. An Environmental Impact Study (EIS) is included for significant natural features that are found within 120 m of the Project Location. The EIS identifies and assesses any adverse environmental effects and identifies mitigation measures in accordance with Section 38 of O.Reg. 359/09.

Natural features identified within 120 m of the Project Location through the records review process included wetland, woodlands and candidate significant wildlife habitat. A site investigation occurred over all four seasons between May 2011 and August 2012, and involved detailed reviews of the vegetation communities, wildlife habitat, and bird and bat use of the Project Study Area.

Natural heritage information collected from the records review, the site investigation and consultations were analyzed to determine the significance and sensitivity of existing ecological features and functions. The following significant features are located within 120 m of the Project Location: Valleylands (unevaluated), Woodlands (unevaluated), Wetlands (Provincially Significant and unevaluated), Candidate Significant Wildlife Habitat (Provincially Significant and unevaluated) including Waterfowl stopover and staging areas (aquatic), Turtle wintering areas, Bat maternity colonies, Reptile hibernaculum, Colonially-nesting bird breeding habitat (ground), Deer yarding areas (Provincially Significant), Waterfowl nesting areas, Woodland raptor nesting

habitat, Turtle nesting areas, Seeps and springs, Amphibian breeding habitat (woodland), Marsh bird breeding habitat, Woodland area-sensitive bird habitat, Shrub/early successional bird breeding habitat, Habitat for Special Concern and rare species; and, Amphibian corridors.

Based on the results of the Evaluation of Significance, the following features are present within 120m of the Project Location and meet the criteria for provincial significance.

- 1 Valleyland;
- 32 Woodlands;
- 24 Wetlands;
- Significant Wildlife Habitat, including:
  - 10 Bat Maternal Colonies;
  - 2 Deer Yarding Areas;
  - 1 Amphibian breeding habitat (woodland);
  - 13 Habitats for Special Concern and rare species; and,
  - Generalized Candidate Significant Wildlife Habitat.

An EIS was undertaken to identify and address any potential negative environmental effects that the project may cause to significant or provincially significant natural features, Provincial Parks and Conservation Reserves within 120m of the Project Location.

It was concluded that once the identified protective, mitigation and compensation measures are applied to the environmental features discussed in the report, the construction and operation of the Project is expected to have acceptable net adverse effects on the significant features and functions identified through the Natural Heritage Assessment process.

### **3.9 WATER ASSESSMENT AND WATER BODY REPORT**

The Water Assessment and Water Body Report provides the results of the records review, site investigations, and impact assessment conducted in accordance with sections 29-31, 39 and 40 of O. Reg. 359/09.

Site investigations were carried out to locate and delineate, within 120 m of the Project Location, water bodies as defined in O. Reg. 359/09. Potential water bodies were identified through a review of aerial photographs of the site and MNR data. While on site, the field crew used visual inspections to verify the presence or absence of potential water bodies within 120 m of the Project Location.

Through the site investigations, it was determined that several water bodies are within 120 m of the Project Location. A general habitat assessment was conducted at these locations to identify areas of direct and indirect fish habitat.

It was concluded that with the implementation of appropriate mitigation measures, no net effects to fish habitat are expected with the exception of the presence of culverts in some locations.

### **3.10 HERITAGE ASSESSMENT REPORT**

The Heritage Assessment Report provides a summary of protected properties, built heritage features and cultural heritage landscapes near the Project Location.

The protected properties and built heritage assessment included consultation with the local municipality, a review of historic period maps, aerial imagery and census data, and a visual survey of the Project Location. The report concluded:

- The only structure designated under Part IV of the *Ontario Heritage Acts* is the Huron Country Playhouse, located in the Municipality of South Huron. It does not abut any of the properties within which the proposed wind turbines are located.
- There are no designated cultural heritage landscapes or heritage easements within or in close proximity to the proposed Project. Similarly, the assessment determined that the inventory of properties of national historic significance does not include any properties within or in close proximity to the proposed Project.
- The visual examination and documentary research confirmed there are ten buildings or building complexes within properties that contain proposed wind turbines. All but two contain or consist of structures with some inferred cultural heritage value. Eight of these buildings and complexes are inferred to have some cultural heritage value or interest, however none of them will be subject to potential impacts from the proposed Project.
- The assessment identified one cultural heritage landscape that is considered to have some cultural heritage value. It is what remains of the 19<sup>th</sup> century village of St. Joseph. However, the assessment determined that the proposed wind farm does not represent a potential impact to St. Joseph.

### **3.11 STAGE 1-2 ARCHAEOLOGICAL ASSESSMENT REPORT**

The Stage 1 background research was initiated in the fall of 2011. The stage 2 survey was conducted in the spring and early summer of 2012.

The results of the background study demonstrated that no past archaeological investigations had been carried out within the subject properties. No archaeological sites had been documented within or in close proximity to any of the lands that will be subject to impact by the construction of the proposed Project. Lands that are included within the Project generally have a low to moderate potential for as-yet undiscovered First Nations and Euro-Canadian archaeological remains.

The Stage 2 assessment of the proposed wind turbines, access roads and related facilities involved a pedestrian survey conducted at an interval of five metres or less. The Stage 2 assessment of the proposed collector lines within the proposed wind farm and the proposed 230 kV transmission line involved a visual examination, shovel test pit survey and judgmental test pit survey.



The survey of the proposed wind turbines, access roads and related facilities resulted in the discovery of nine archaeological sites. Six of the sites consist of isolated pre-contact First Nations find spots of unknown age and cultural affiliation. The remaining three sites consist of diffuse scatters of Euro-Canadian refuse. None of these sites is considered to have any heritage value or interest. None warrant any further investigation or concern.

The survey of the proposed collector and transmission line did not result in the discovery of any archaeological remains. However, it did identify a concern for the potential for unmarked graves within the road allowance and along a 140 m long segment of the proposed transmission line that abuts Hensall Union Cemetery. The cemetery is located on the south side of Rodgerville Road, east of Highway 4. Following the formulation of the detailed design for the proposed transmission line, it is recommended that a more detailed Stage 3 assessment of this segment be conducted.

## **4.0 Summary of Potential Environmental Effects and Monitoring**

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Project-specific issues and potential effects have been identified and have been summarized in **Appendix B**. Effect and mitigation measures and monitoring plans have been identified for construction/decommissioning and operation phases of the Project.

## **5.0 Closure**

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The Applicant for the project is Grand Bend Wind Limited Partnership. c/o Northland Power Inc. ("Northland"). The principle contact is:

Name: Jim Mulvale, P.Eng., Manager, Environmental, Health and Safety  
Company: Northland Power Inc.  
Address: 30 St. Clair Avenue West, 12th Floor  
Toronto, ON M4A 3A1  
Email: jim.mulvale@northlandpower.ca  
Telephone: (647) 288 1273

The principle Project consultant representing the applicant is:

Name: Lyle Parsons, B.E.S., Project Manager  
Company: Neegan Burnside Ltd.  
Address: 292 Speedvale Avenue West, Unit 20  
Guelph, ON N1H 1C4  
Email: lyle.parsons@neeganburnside.com  
Telephone: (519) 941-5331

Draft Project Reports are available for the Project website: <http://grandbend.northlandpower.ca/>

To learn more about the Project or to communicate concerns please contact the project specific e-mail address or telephone hotline as follows:

Email: [grandbendwind@neeganburnside.com](mailto:grandbendwind@neeganburnside.com)

Tel: 1-800-696-8093

**STANTEC CONSULTING LTD.**

***Reviewed by:***

***DRAFT***

***DRAFT***

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Fiona Christiansen, M.Sc  
Senior Project Manager

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Lyle Parsons, B.E.S. Project Manager,  
Neegan Burnside Ltd

# Appendix A

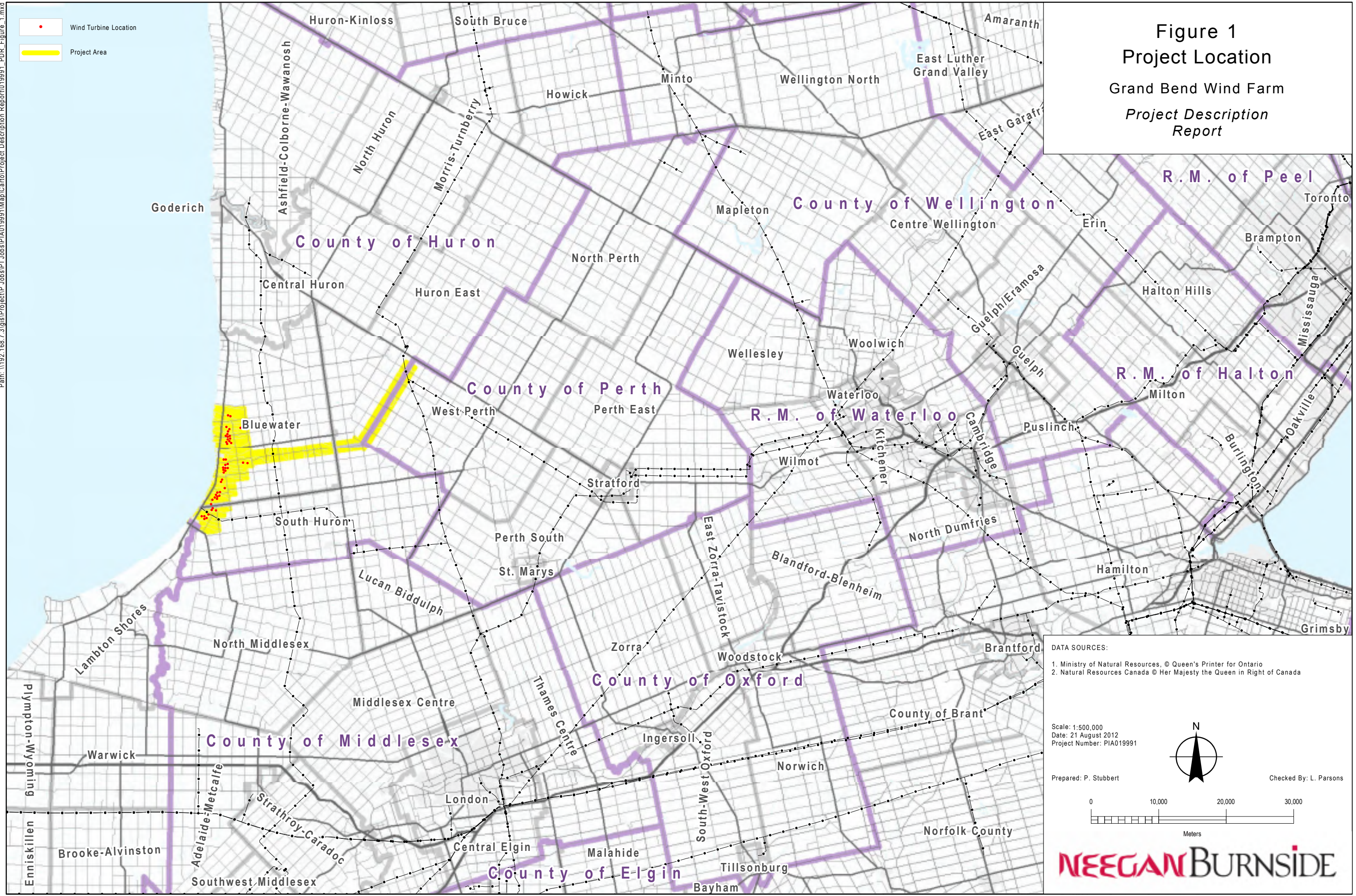
## Figures



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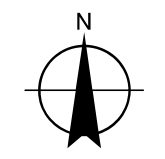
 Wind Turbine Location  
 Project Area

**Figure 1**  
**Project Location**  
 Grand Bend Wind Farm  
*Project Description Report*



**DATA SOURCES:**  
 1. Ministry of Natural Resources, © Queen's Printer for Ontario  
 2. Natural Resources Canada © Her Majesty the Queen in Right of Canada

Scale: 1:500,000  
 Date: 21 August 2012  
 Project Number: PIA019991



Prepared: P. Stubbert  
 Checked By: L. Parsons

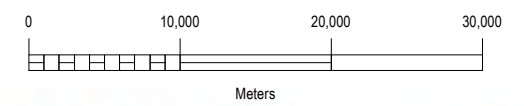
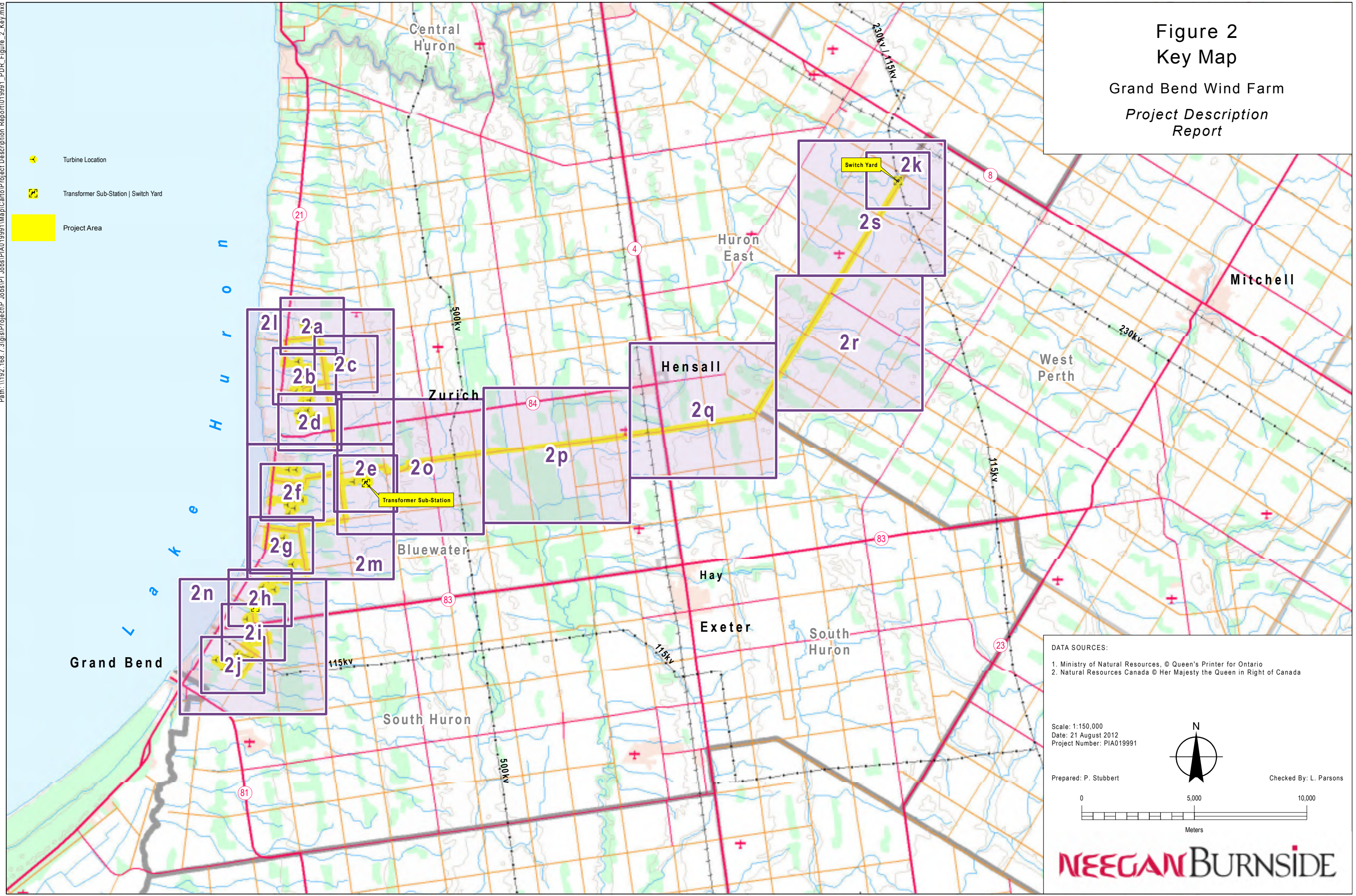




Figure 2  
Key Map  
Grand Bend Wind Farm  
Project Description  
Report

Legend:

- Turbine Location
- Transformer Sub-Station | Switch Yard
- Project Area

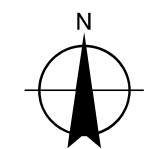
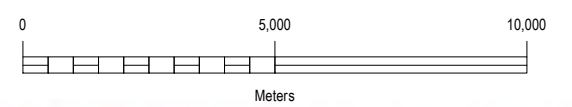


DATA SOURCES:  
1. Ministry of Natural Resources, © Queen's Printer for Ontario  
2. Natural Resources Canada © Her Majesty the Queen in Right of Canada

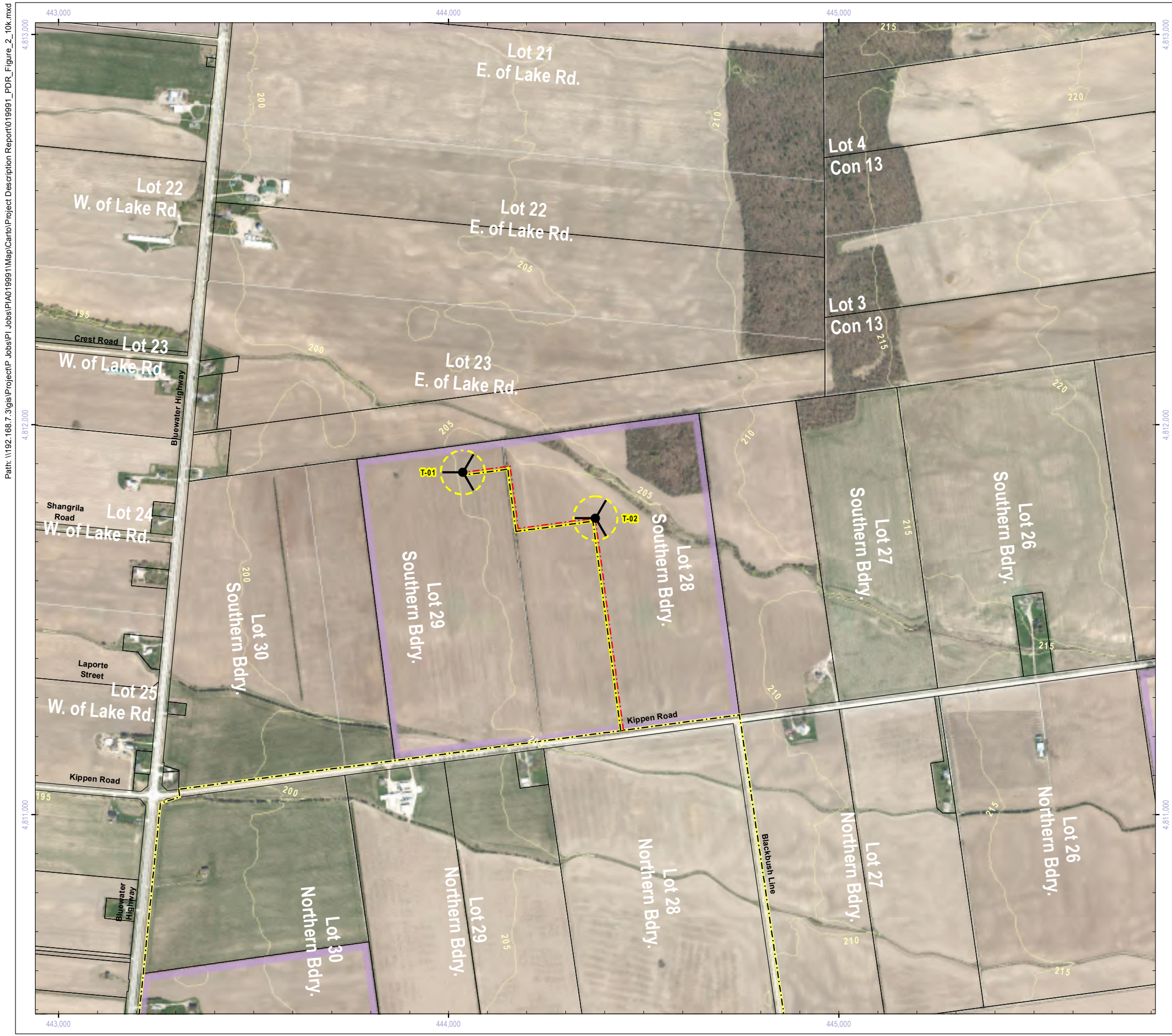
Scale: 1:150,000  
Date: 21 August 2012  
Project Number: PIA019991

Prepared: P. Stubbert

Checked By: L. Parsons







# Figure 2a Project Layout

## Grand Bend Wind Farm Project Description Report

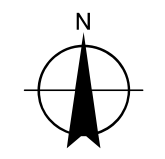
	Project Wind Turbine		Existing Transmission Line: Overhead
	Permanent Access Road & Collector Line		Building / Transformer Sub-Station / Switching Yard
	Permanent Access Road (No Collector Line)		Contour (5m Interval)
	Transmission Line: Overhead		
	Collector Line: Underground / Transmission Line: Underground Section		
	Participating Property		

Siemens SWT-2.3-113 Turbine:  
Base Diameter 4.2m | Hub Height 99.5m | Blade Length 55m

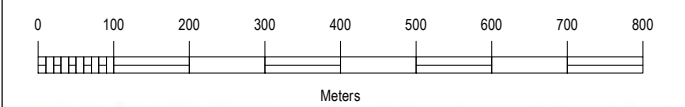
- NOTES:
- Reference the Figure 1 Key Map for location in the overall project area.
  - For details see the Draft REA documents.

- DATA SOURCES:
- County of Huron (including Imagery: 2010)
  - Ministry of Natural Resources, © Queen's Printer for Ontario
  - Natural Resources Canada © Her Majesty the Queen in Right of Canada

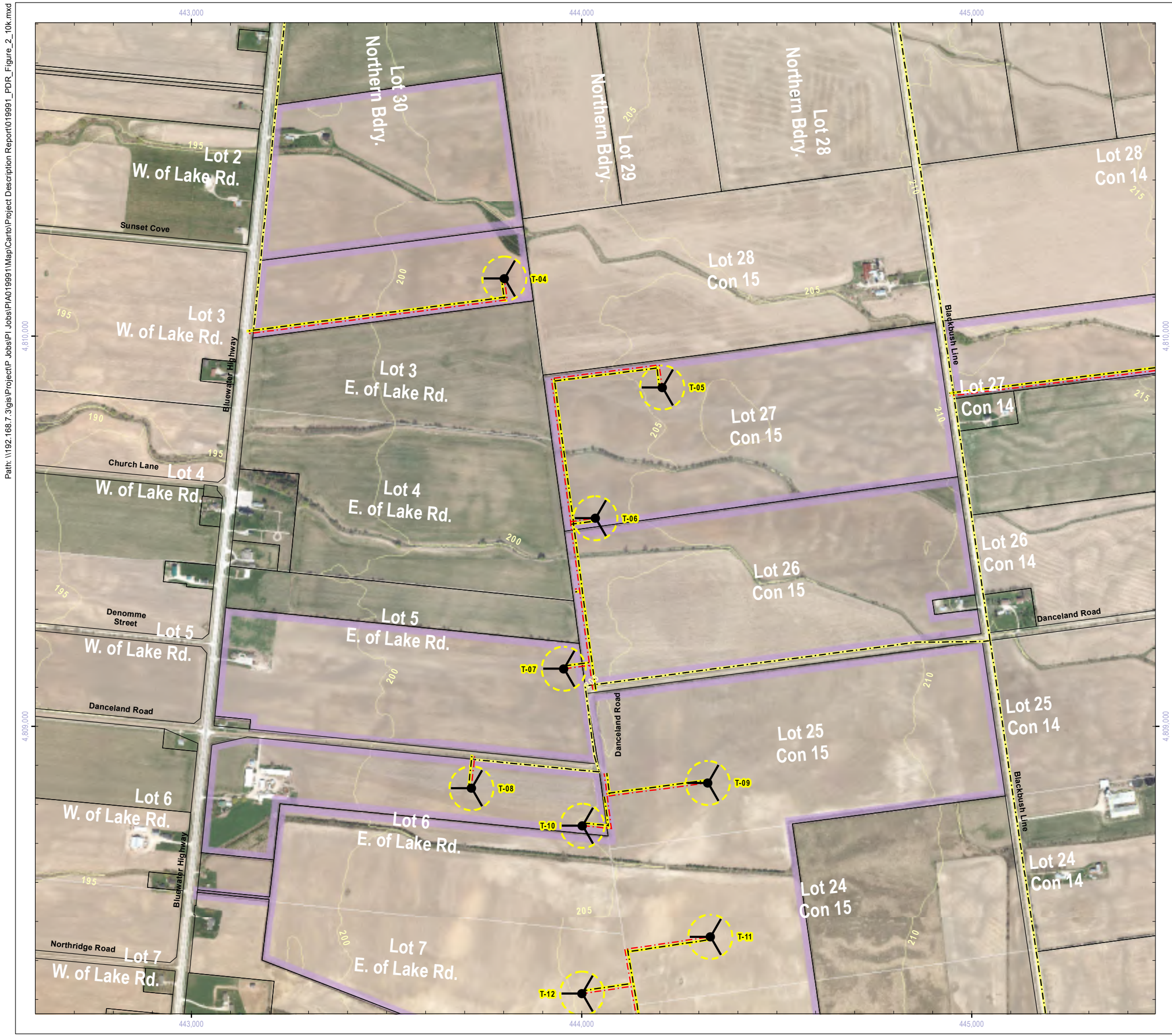
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Project Number: PIA019991



Prepared: P. Stubbart  
Checked By: L. Parsons

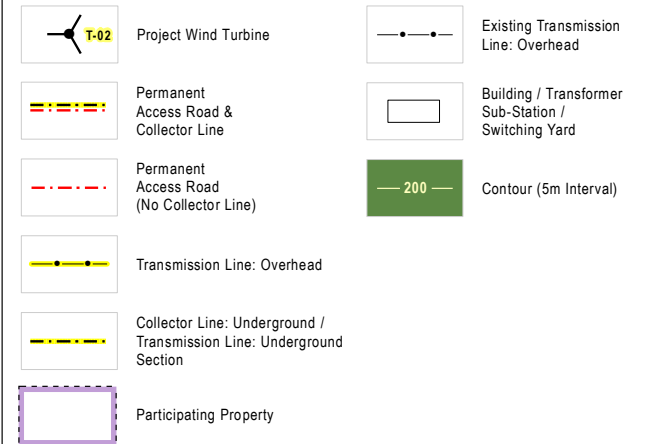






# Figure 2b Project Layout

## Grand Bend Wind Farm Project Description Report

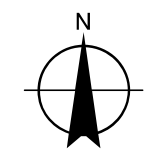


Siemens SWT-2.3-113 Turbine:  
Base Diameter 4.2m | Hub Height 99.5m | Blade Length 55m

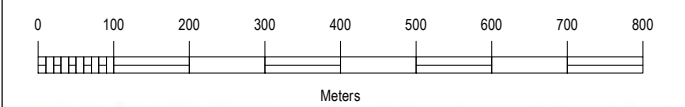
- NOTES:
1. Reference the Figure 1 Key Map for location in the overall project area.
  2. For details see the Draft REA documents.

- DATA SOURCES:
1. County of Huron (including Imagery: 2010)
  2. Ministry of Natural Resources, © Queen's Printer for Ontario
  3. Natural Resources Canada © Her Majesty the Queen in Right of Canada

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Project Number: PIA019991

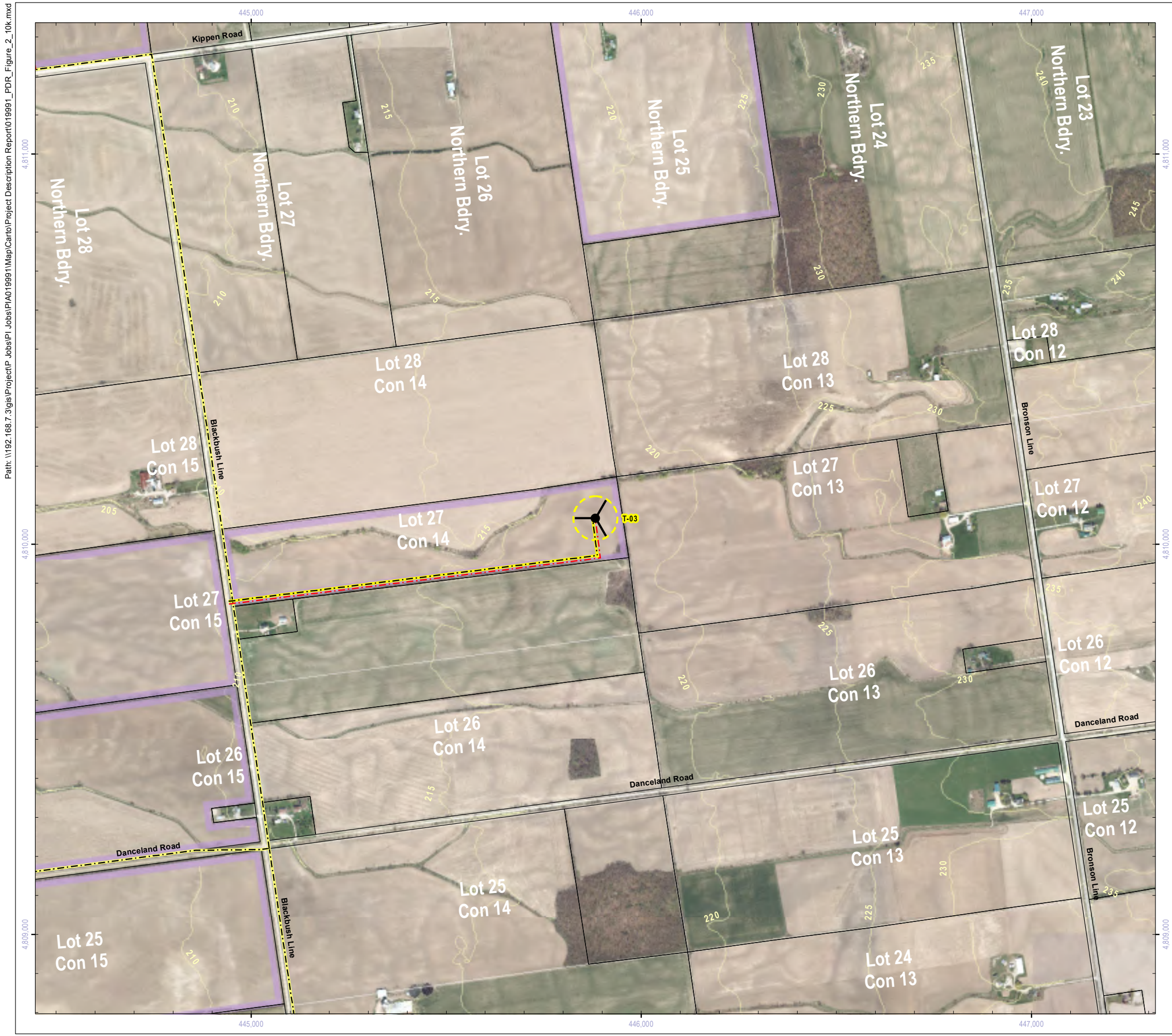


Prepared: P. Stubbart  
Checked By: L. Parsons



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**Figure 2c**  
**Project Layout**  
 Grand Bend Wind Farm  
*Project Description Report*

	Project Wind Turbine		Existing Transmission Line: Overhead
	Permanent Access Road & Collector Line		Building / Transformer Sub-Station / Switching Yard
	Permanent Access Road (No Collector Line)		Contour (5m Interval)
	Transmission Line: Overhead		
	Collector Line: Underground / Transmission Line: Underground Section		
	Participating Property		

Siemens SWT-2.3-113 Turbine:  
 Base Diameter 4.2m | Hub Height 99.5m | Blade Length 55m

- NOTES:
- Reference the Figure 1 Key Map for location in the overall project area.
  - For details see the Draft REA documents.

- DATA SOURCES:
- County of Huron (including Imagery: 2010)
  - Ministry of Natural Resources, © Queen's Printer for Ontario
  - Natural Resources Canada © Her Majesty the Queen in Right of Canada

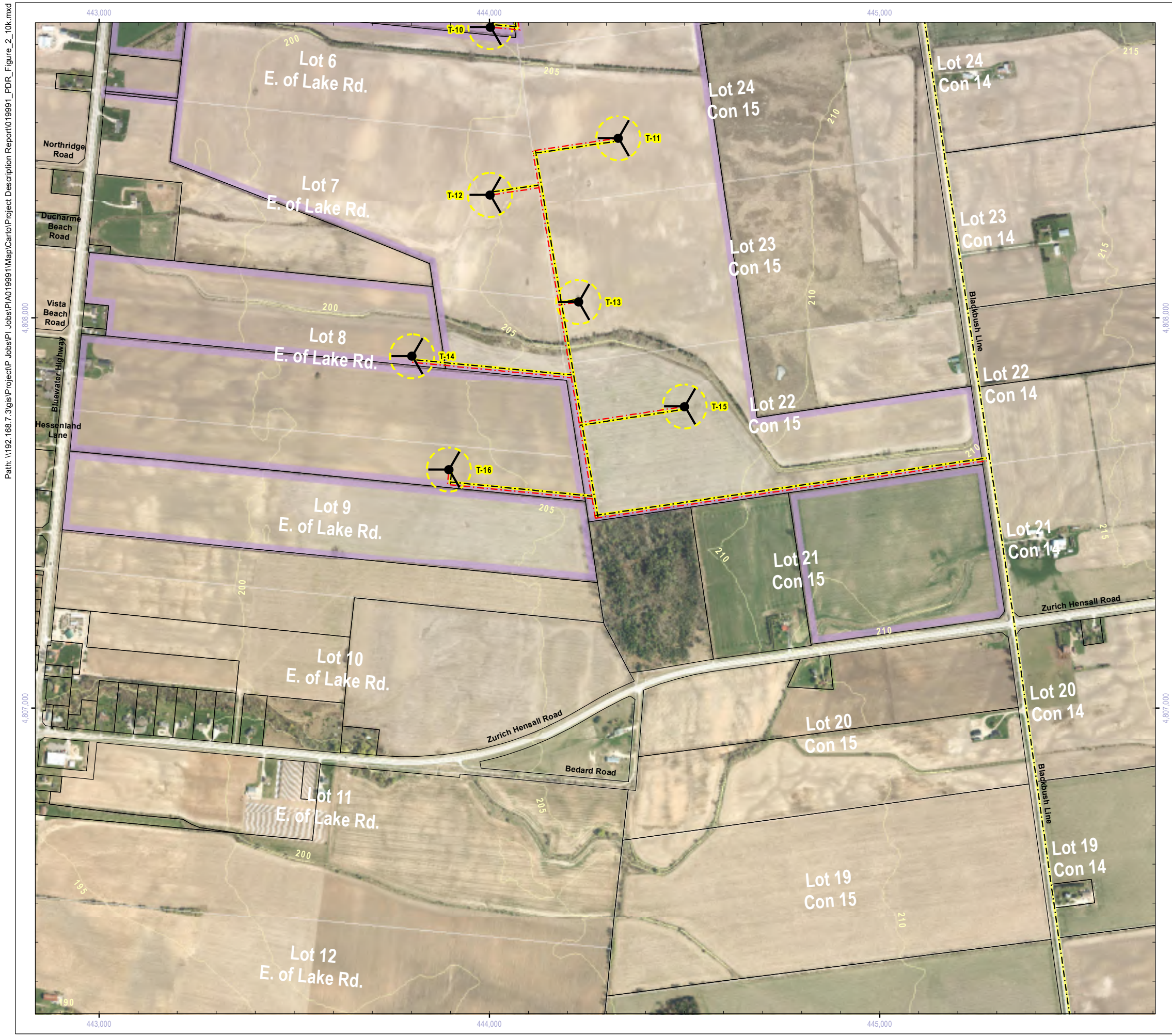
Scale: 1:10,000  
 Date: 21 August 2012  
 Project Number: PIA019991

Prepared: P. Stubbart Checked By: L. Parsons



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# Figure 2d Project Layout

## Grand Bend Wind Farm Project Description Report

- |  |  |  |   |
|--|--|--|---|
|  | Project Wind Turbine   |  | Existing Transmission Line: Overhead                |
|  | Permanent Access Road & Collector Line                               |  | Building / Transformer Sub-Station / Switching Yard |
|  | Permanent Access Road (No Collector Line)                            |  | Contour (5m Interval)                               |
|  | Transmission Line: Overhead  |  |   |
|  | Collector Line: Underground / Transmission Line: Underground Section |  |   |
|  | Participating Property   |  |   |

Siemens SWT-2.3-113 Turbine:  
 Base Diameter 4.2m | Hub Height 99.5m | Blade Length 55m

NOTES:  
 1. Reference the Figure 1 Key Map for location in the overall project area.  
 2. For details see the Draft REA documents.

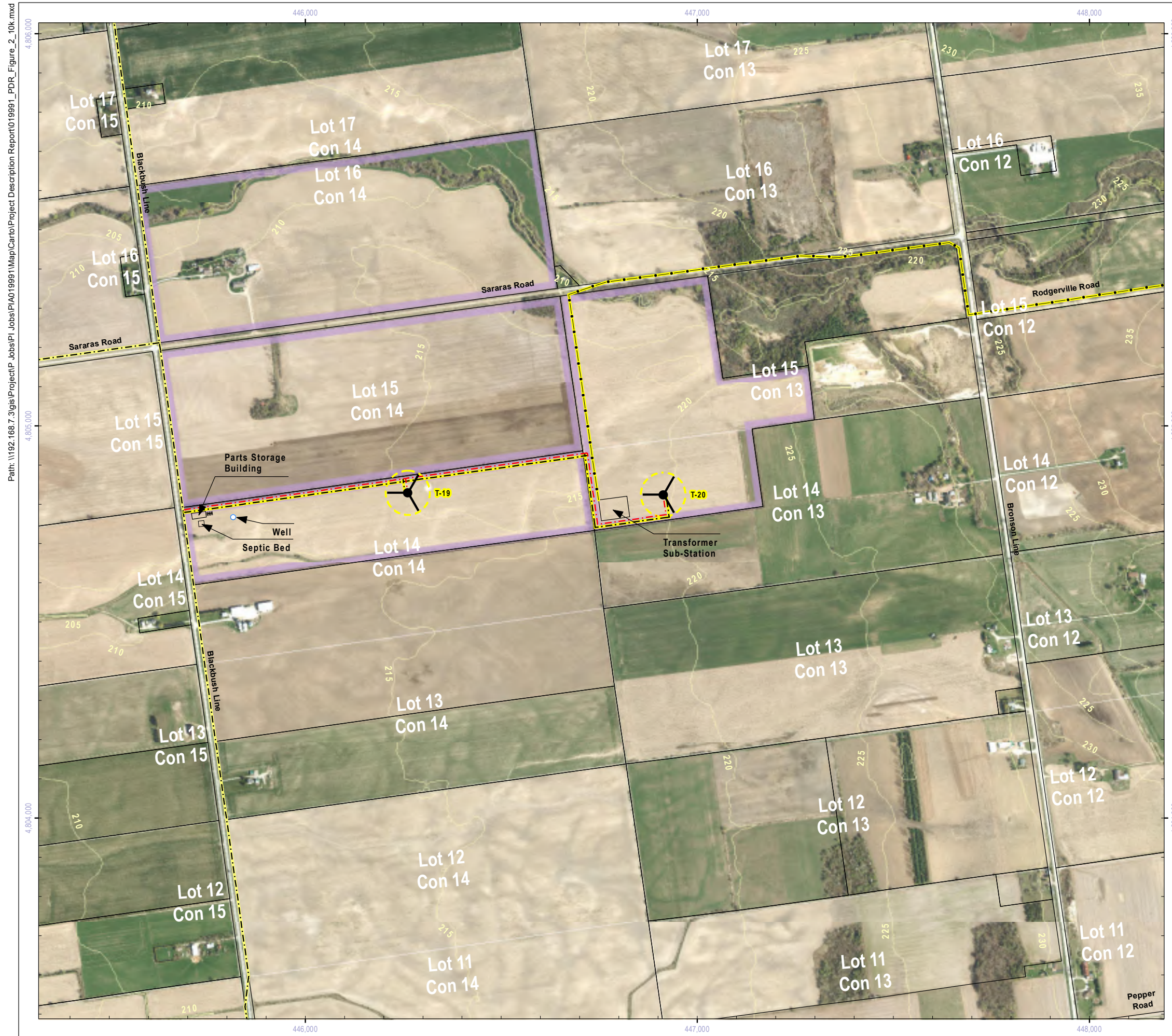
DATA SOURCES:  
 1. County of Huron (including Imagery: 2010)  
 2. Ministry of Natural Resources, © Queen's Printer for Ontario  
 3. Natural Resources Canada © Her Majesty the Queen in Right of Canada

Scale: 1:10,000  
 Date: 21 August 2012  
 Project Number: PIA019991

Prepared: P. Stubbert  
 Checked By: L. Parsons

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**Figure 2e**  
**Project Layout**  
 Grand Bend Wind Farm  
 Project Description Report

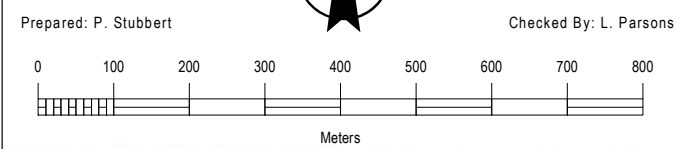
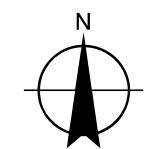
- |  |  |  |   |
|--|--|--|---|
|  | Project Wind Turbine   |  | Existing Transmission Line: Overhead                |
|  | Permanent Access Road & Collector Line                               |  | Building / Transformer Sub-Station / Switching Yard |
|  | Permanent Access Road (No Collector Line)                            |  | Contour (5m Interval)                               |
|  | Transmission Line: Overhead  |  |   |
|  | Collector Line: Underground / Transmission Line: Underground Section |  |   |
|  | Participating Property   |  |   |

Siemens SWT-2.3-113 Turbine:  
 Base Diameter 4.2m | Hub Height 99.5m | Blade Length 55m

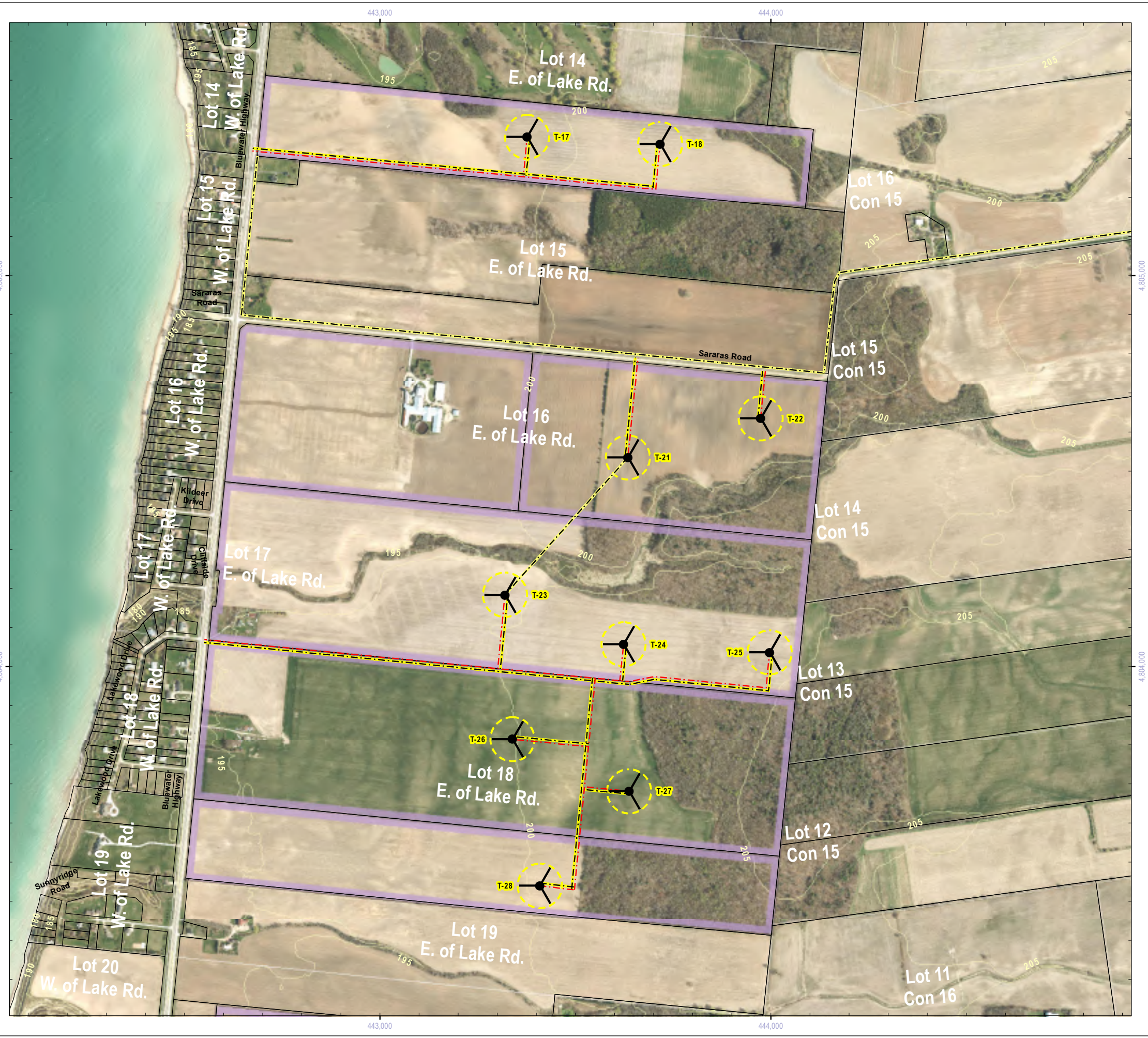
- NOTES:
- Reference the Figure 1 Key Map for location in the overall project area.
  - For details see the Draft REA documents.

- DATA SOURCES:
- County of Huron (including Imagery: 2010)
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**Figure 2f**  
**Project Layout**  
 Grand Bend Wind Farm  
 Project Description Report

	Project Wind Turbine		Existing Transmission Line: Overhead
	Permanent Access Road & Collector Line		Building / Transformer Sub-Station / Switching Yard
	Permanent Access Road (No Collector Line)		Contour (5m Interval)
	Transmission Line: Overhead		
	Collector Line: Underground / Transmission Line: Underground Section		
	Participating Property		

Siemens SWT-2.3-113 Turbine:  
 Base Diameter 4.2m | Hub Height 99.5m | Blade Length 55m

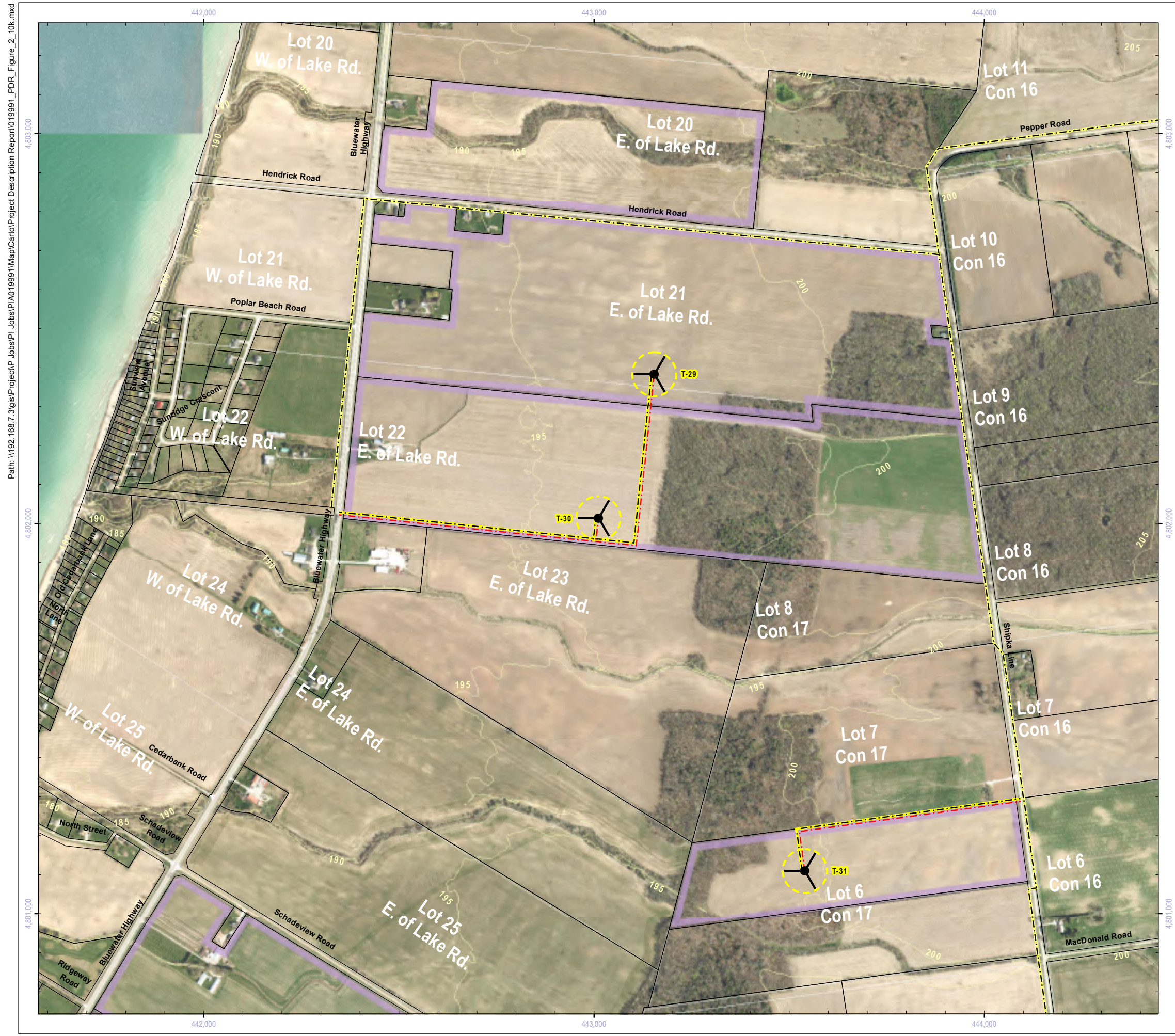
- NOTES:
1. Reference the Figure 1 Key Map for location in the overall project area.
  2. For details see the Draft REA documents.

- DATA SOURCES:
1. County of Huron (including Imagery: 2010)
  2. Ministry of Natural Resources, © Queen's Printer for Ontario
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 Date: 21 August 2012  
 Project Number: PIA019991

Prepared: P. Stubbart Checked By: L. Parsons





**Figure 2g**  
**Project Layout**  
 Grand Bend Wind Farm  
 Project Description Report

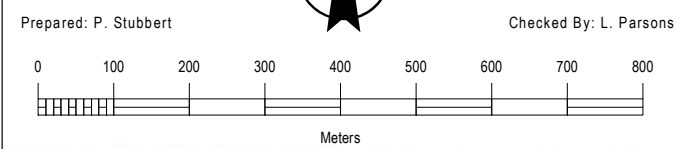
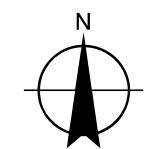
	Project Wind Turbine		Existing Transmission Line: Overhead
	Permanent Access Road & Collector Line		Building / Transformer Sub-Station / Switching Yard
	Permanent Access Road (No Collector Line)		Contour (5m Interval)
	Transmission Line: Overhead		
	Collector Line: Underground / Transmission Line: Underground Section		
	Participating Property		

Siemens SWT-2.3-113 Turbine:  
 Base Diameter 4.2m | Hub Height 99.5m | Blade Length 55m

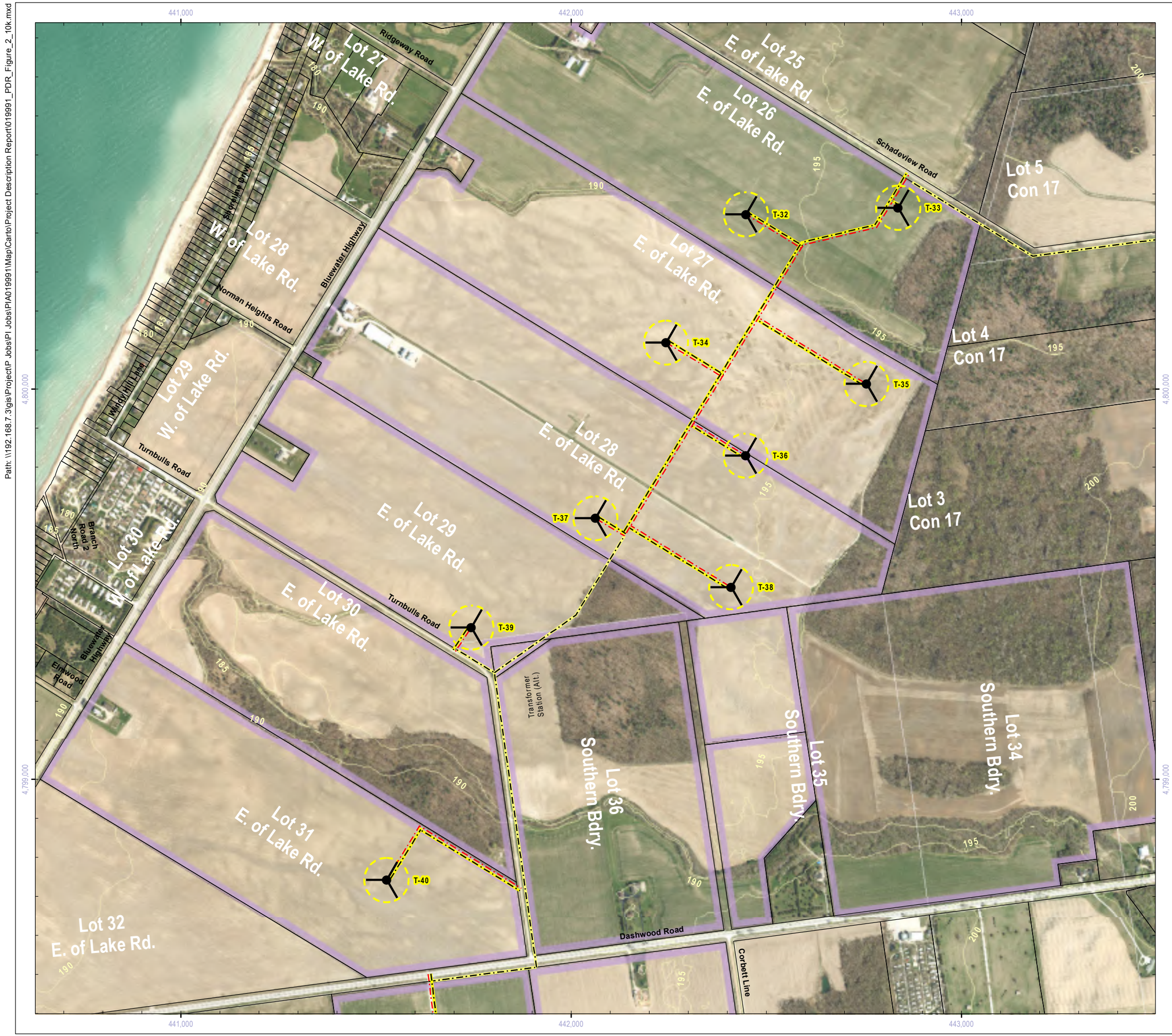
- NOTES:
1. Reference the Figure 1 Key Map for location in the overall project area.
  2. For details see the Draft REA documents.

- DATA SOURCES:
1. County of Huron (including Imagery: 2010)
  2. Ministry of Natural Resources, © Queen's Printer for Ontario
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 Date: 21 August 2012  
 Project Number: PIA019991







# Figure 2h Project Layout

## Grand Bend Wind Farm Project Description Report

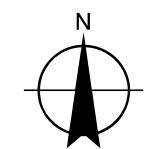
	Project Wind Turbine		Existing Transmission Line: Overhead
	Permanent Access Road & Collector Line		Building / Transformer Sub-Station / Switching Yard
	Permanent Access Road (No Collector Line)		Contour (5m Interval)
	Transmission Line: Overhead		
	Collector Line: Underground / Transmission Line: Underground Section		
	Participating Property		

Siemens SWT-2.3-113 Turbine:  
Base Diameter 4.2m | Hub Height 99.5m | Blade Length 55m

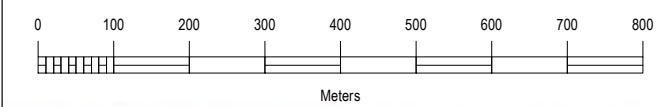
- NOTES:
1. Reference the Figure 1 Key Map for location in the overall project area.
  2. For details see the Draft REA documents.

- DATA SOURCES:
1. County of Huron (including Imagery: 2010)
  2. Ministry of Natural Resources, © Queen's Printer for Ontario
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Date: 21 August 2012  
Project Number: PIA019991



Prepared: P. Stubbart  
Checked By: L. Parsons



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**Figure 2i**  
**Project Layout**  
 Grand Bend Wind Farm  
 Project Description Report

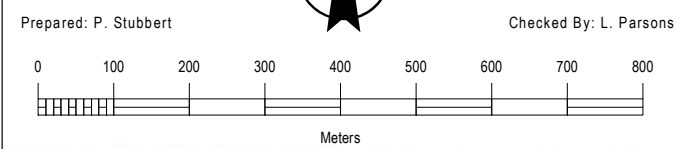
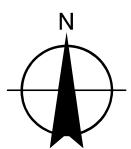
	Project Wind Turbine		Existing Transmission Line: Overhead
	Permanent Access Road & Collector Line		Building / Transformer Sub-Station / Switching Yard
	Permanent Access Road (No Collector Line)		Contour (5m Interval)
	Transmission Line: Overhead		
	Collector Line: Underground / Transmission Line: Underground Section		
	Participating Property		

Siemens SWT-2.3-113 Turbine:  
 Base Diameter 4.2m | Hub Height 99.5m | Blade Length 55m

- NOTES:
1. Reference the Figure 1 Key Map for location in the overall project area.
  2. For details see the Draft REA documents.

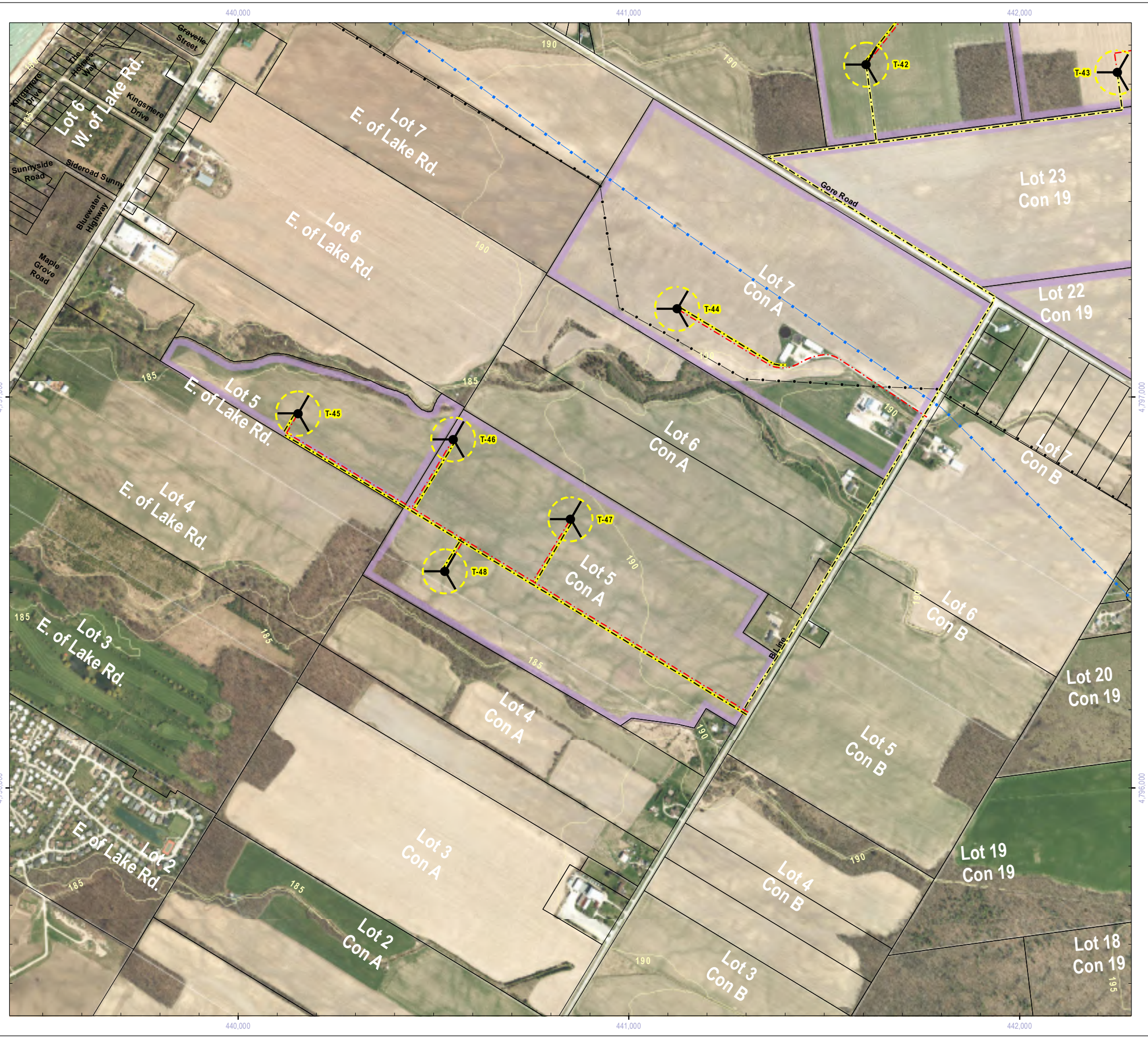
- DATA SOURCES:
1. County of Huron (including Imagery: 2010)
  2. Ministry of Natural Resources, © Queen's Printer for Ontario
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Scale: 1:10,000  
 Date: 21 August 2012  
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**Figure 2j**  
**Project Layout**  
 Grand Bend Wind Farm  
 Project Description Report

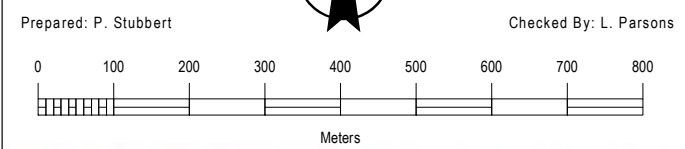
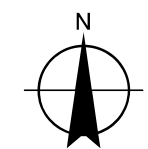
	Project Wind Turbine		Existing Transmission Line: Overhead
	Permanent Access Road & Collector Line		Building / Transformer Sub-Station / Switching Yard
	Permanent Access Road (No Collector Line)		Contour (5m Interval)
	Transmission Line: Overhead		
	Collector Line: Underground / Transmission Line: Underground Section		
	Participating Property		

Siemens SWT-2.3-113 Turbine:  
 Base Diameter 4.2m | Hub Height 99.5m | Blade Length 55m

- NOTES:
1. Reference the Figure 1 Key Map for location in the overall project area.
  2. For details see the Draft REA documents.

- DATA SOURCES:
1. County of Huron (including Imagery: 2010)
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 Date: 21 August 2012  
 Project Number: PIA019991

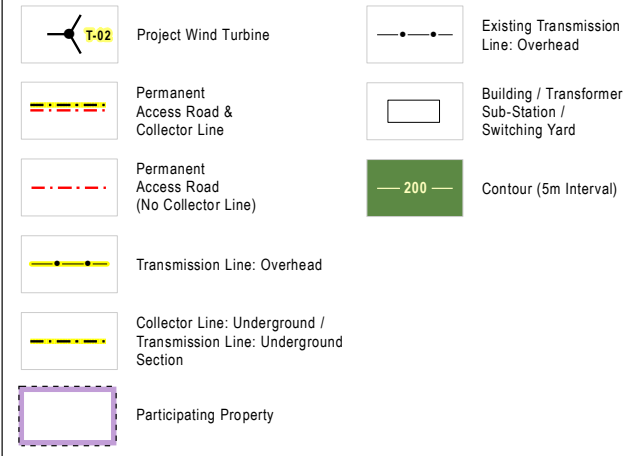






# Figure 2k Project Layout

## Grand Bend Wind Farm Project Description Report

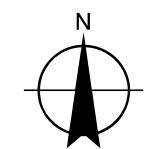


Siemens SWT-2.3-113 Turbine:  
Base Diameter 4.2m | Hub Height 99.5m | Blade Length 55m

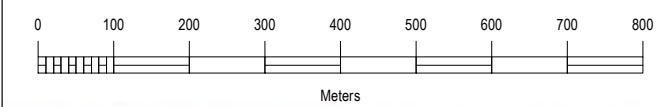
- NOTES:
1. Reference the Figure 1 Key Map for location in the overall project area.
  2. For details see the Draft REA documents.

- DATA SOURCES:
1. County of Huron (including Imagery: 2010)
  2. Ministry of Natural Resources, © Queen's Printer for Ontario
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Scale: 1:10,000  
Date: 21 August 2012  
Project Number: PIA019991



Prepared: P. Stubbert  
Checked By: L. Parsons








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**Figure 21**  
**Project Layout**  
 Grand Bend Wind Farm  
*Project Description Report*

-  Project Wind Turbine
-  Transmission Line: Overhead
-  Collector Line: Underground / Transmission Line: Underground Section
-  Transformer Sub-Station or Switch Yard
-  Existing Transmission Line: Overhead

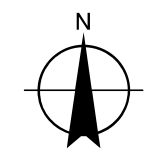
**NOTES:**

- Reference the Figure 1 Key Map for location in the overall project area.
- For details see the Draft REA documents.

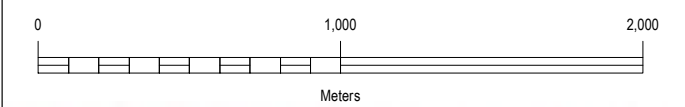
**DATA SOURCES:**

- County of Huron (including Imagery: 2010)
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 Project Number: PIA019991



Prepared: P. Stubbart Checked By: L. Parsons












# Figure 2m Project Layout

## Grand Bend Wind Farm Project Description Report

-  Project Wind Turbine
-  Transmission Line: Overhead
-  Collector Line: Underground / Transmission Line: Underground Section
-  Transformer Sub-Station or Switch Yard
-  Existing Transmission Line: Overhead

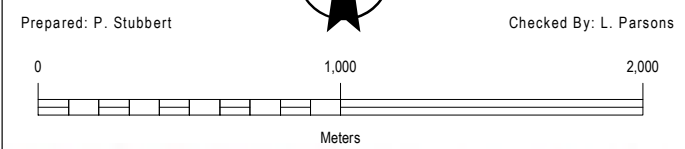
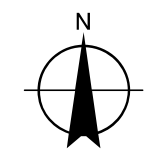
**NOTES:**

- Reference the Figure 1 Key Map for location in the overall project area.
- For details see the Draft REA documents.

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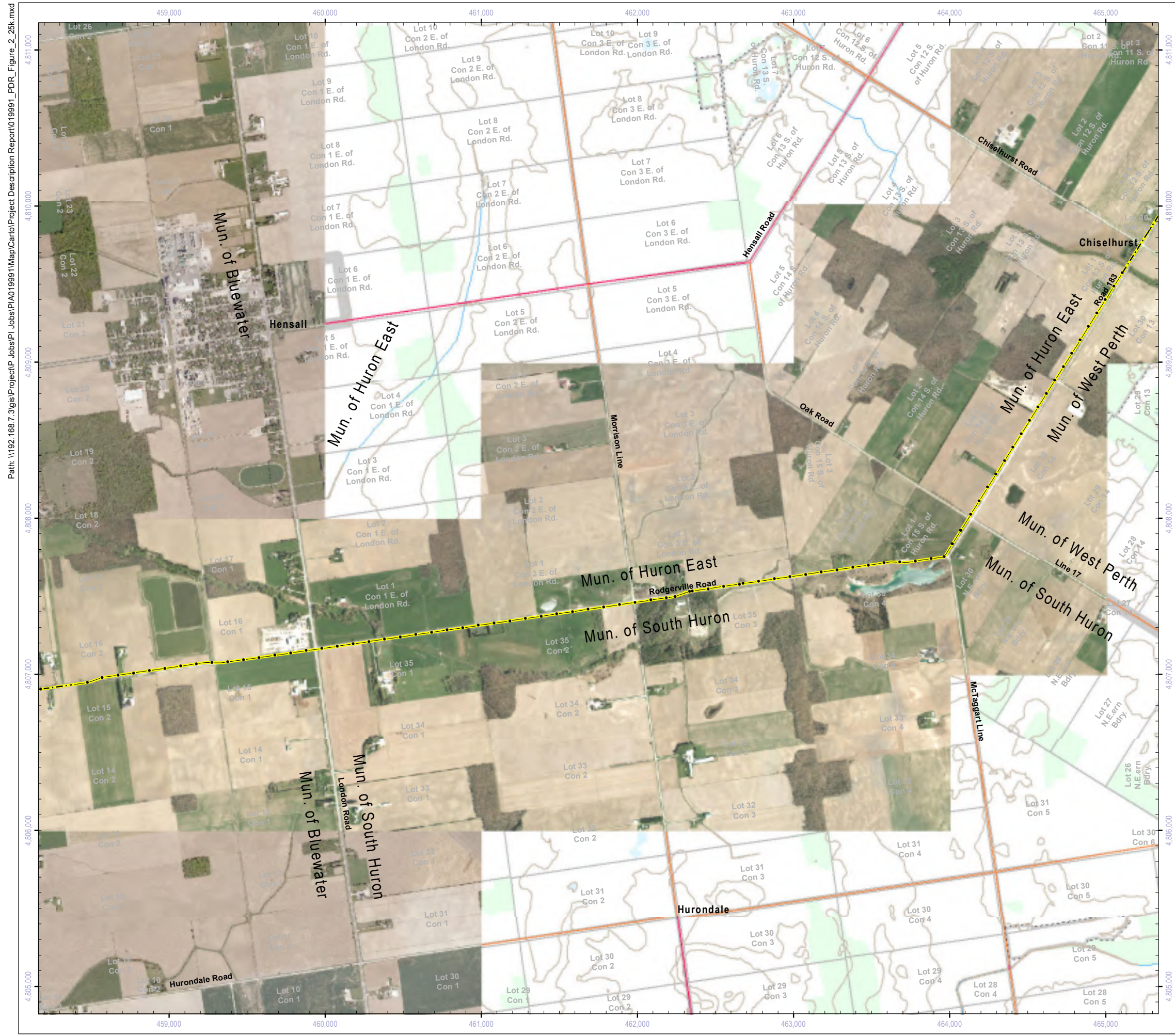
- County of Huron (including Imagery: 2010)
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- Natural Resources Canada © Her Majesty the Queen in Right of Canada

Scale: 1:25,000  
Date: 21 August 2012  
Project Number: PIA019991








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**Figure 2n**  
**Project Layout**  
 Grand Bend Wind Farm  
 Project Description Report

-  Project Wind Turbine
-  Transmission Line: Overhead
-  Collector Line: Underground / Transmission Line: Underground Section
-  Transformer Sub-Station or Switch Yard
-  Existing Transmission Line: Overhead

**NOTES:**

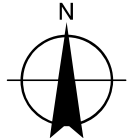
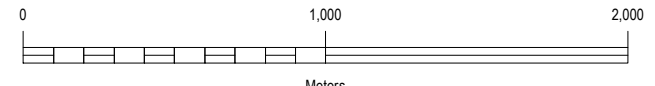
- Reference the Figure 1 Key Map for location in the overall project area.
- For details see the Draft REA documents.

**DATA SOURCES:**

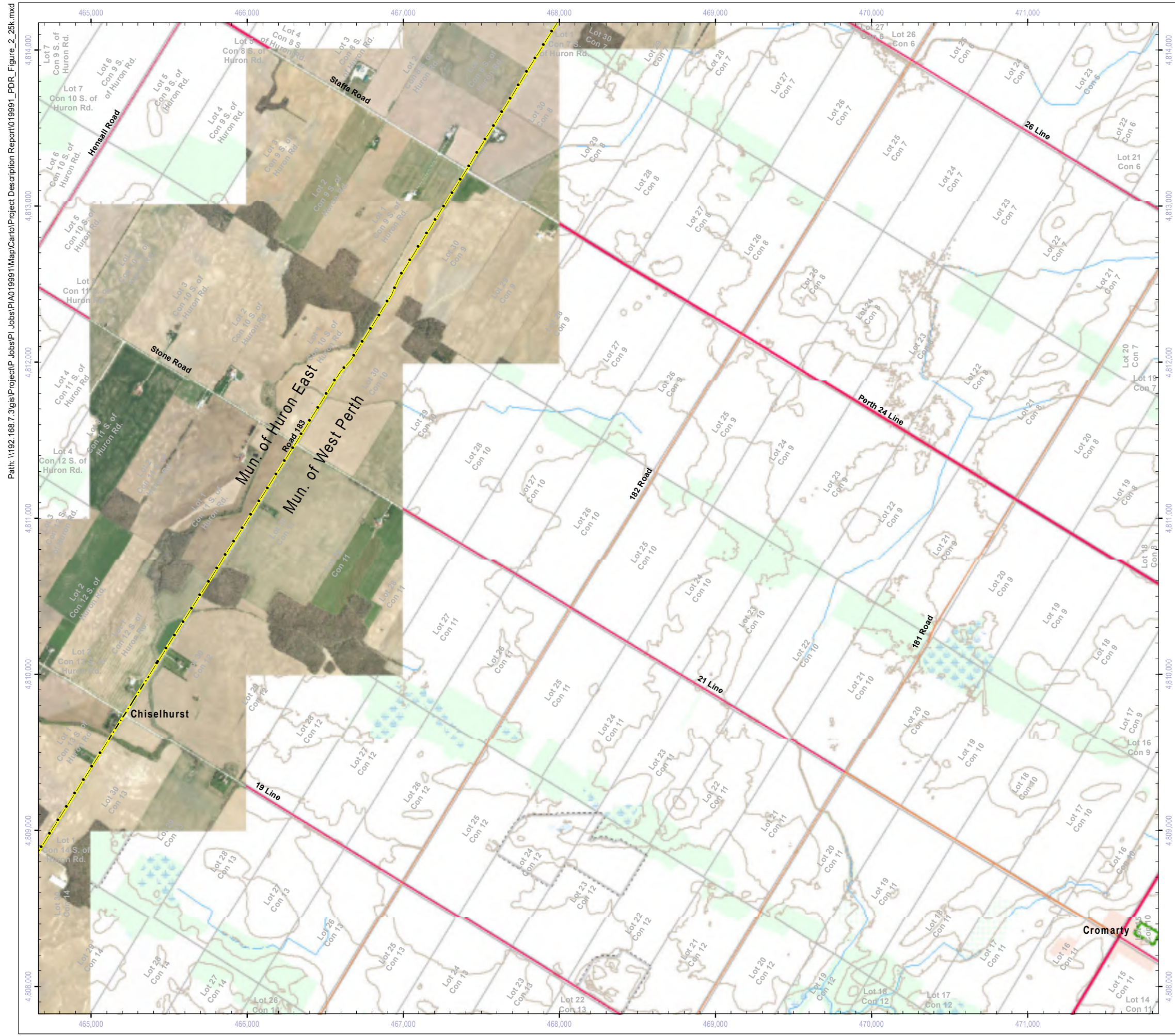
- County of Huron (including Imagery: 2010)
- Ministry of Natural Resources, © Queen's Printer for Ontario
- Natural Resources Canada © Her Majesty the Queen in Right of Canada

Scale: 1:25,000  
 Date: 21 August 2012  
 Project Number: PIA019991






Prepared: P. Stubbart  
 Checked By: L. Parsons





**Figure 20**  
**Project Layout**  
 Grand Bend Wind Farm  
 Project Description Report

-  Project Wind Turbine
-  Transmission Line: Overhead
-  Collector Line: Underground / Transmission Line: Underground Section
-  Transformer Sub-Station or Switch Yard
-  Existing Transmission Line: Overhead

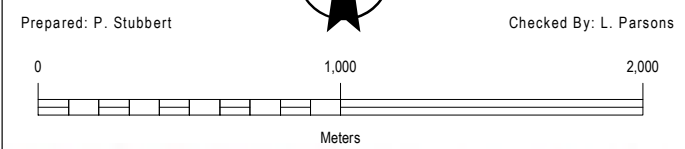
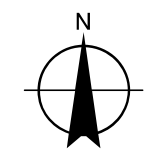
**NOTES:**

- Reference the Figure 1 Key Map for location in the overall project area.
- For details see the Draft REA documents.

**DATA SOURCES:**

- County of Huron (including Imagery: 2010)
- Ministry of Natural Resources, © Queen's Printer for Ontario
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 Date: 21 August 2012  
 Project Number: PIA019991








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# Figure 2p Project Layout

## Grand Bend Wind Farm Project Description Report

-  Project Wind Turbine
-  Transmission Line: Overhead
-  Collector Line: Underground / Transmission Line: Underground Section
-  Transformer Sub-Station or Switch Yard
-  Existing Transmission Line: Overhead

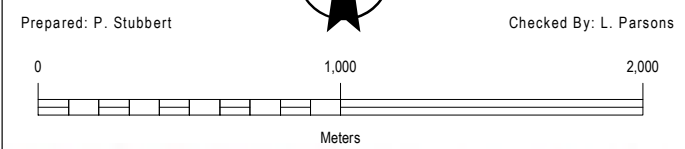
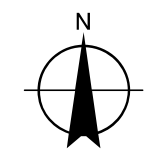
**NOTES:**

- Reference the Figure 1 Key Map for location in the overall project area.
- For details see the Draft REA documents.

**DATA SOURCES:**

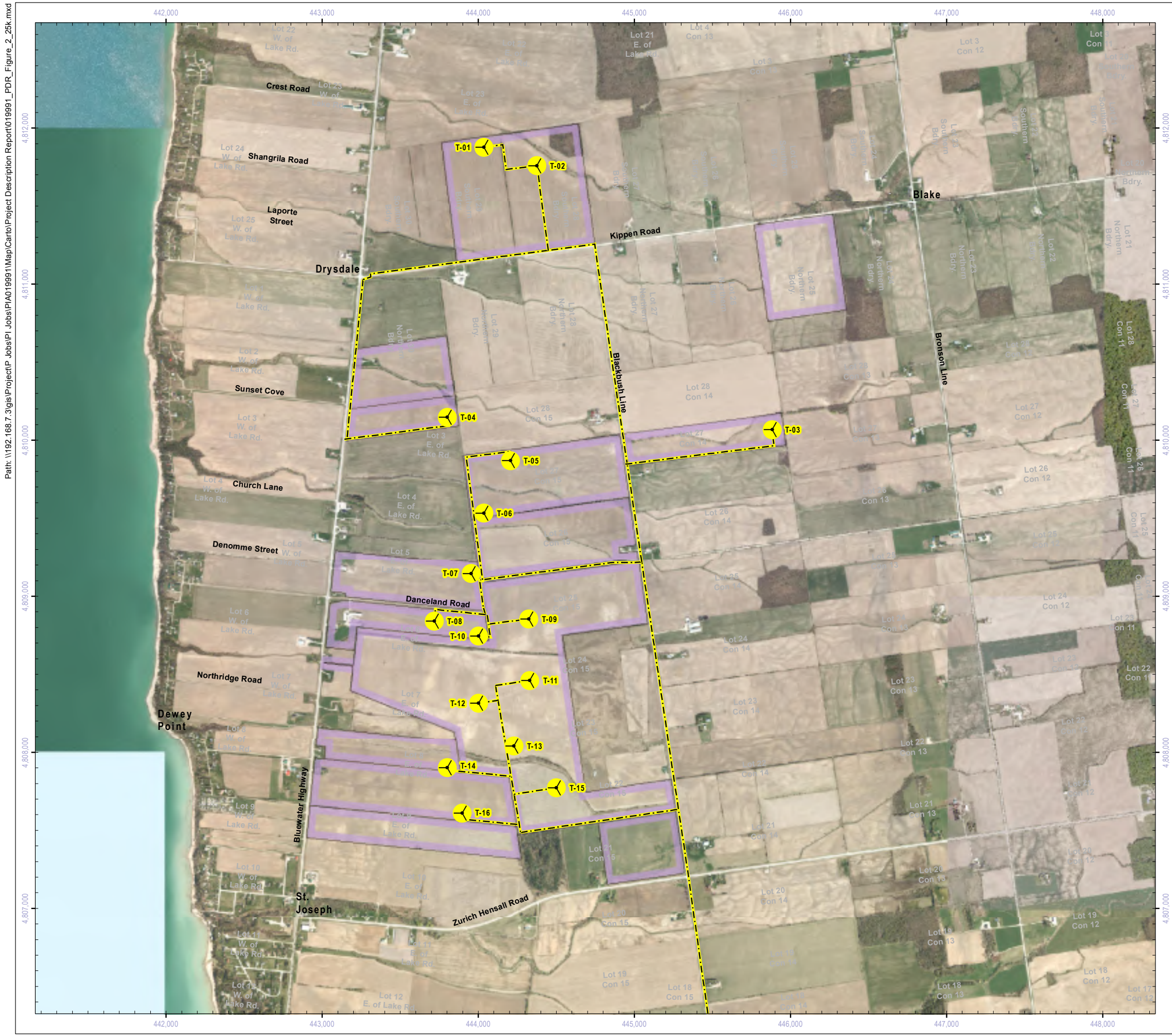
- County of Huron (including Imagery: 2010)
- Ministry of Natural Resources, © Queen's Printer for Ontario
- Natural Resources Canada © Her Majesty the Queen in Right of Canada

Scale: 1:25,000  
Date: 21 August 2012  
Project Number: PIA019991








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**Figure 2q**  
**Project Layout**  
 Grand Bend Wind Farm  
 Project Description Report

	Project Wind Turbine
	Transmission Line: Overhead
	Collector Line: Underground / Transmission Line: Underground Section
	Transformer Sub-Station or Switch Yard
	Existing Transmission Line: Overhead

**NOTES:**

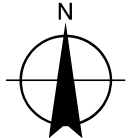
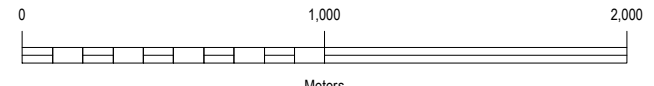
- Reference the Figure 1 Key Map for location in the overall project area.
- For details see the Draft REA documents.

**DATA SOURCES:**

- County of Huron (including Imagery: 2010)
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Scale: 1:25,000  
 Date: 21 August 2012  
 Project Number: PIA019991

Prepared: P. Stubbert  
 Checked By: L. Parsons

Meters






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# Figure 2r Project Layout

## Grand Bend Wind Farm Project Description Report

-  Project Wind Turbine
-  Transmission Line: Overhead
-  Collector Line: Underground / Transmission Line: Underground Section
-  Transformer Sub-Station or Switch Yard
-  Existing Transmission Line: Overhead

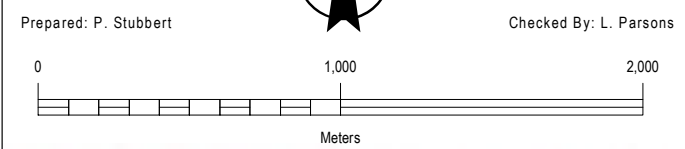
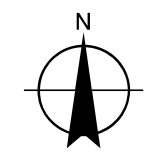
**NOTES:**

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**DATA SOURCES:**

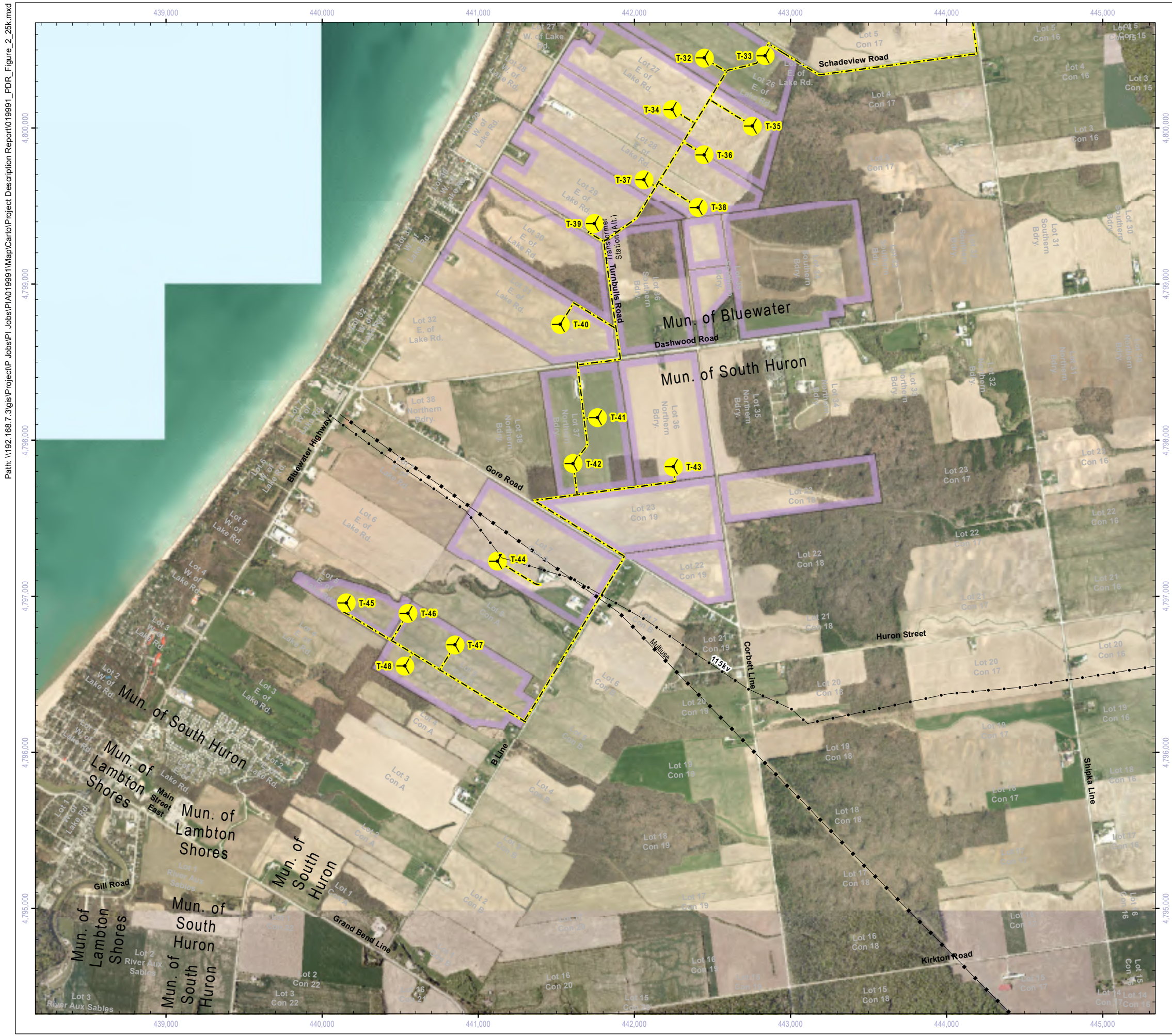
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


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# Figure 2s Project Layout

## Grand Bend Wind Farm Project Description Report

-  Project Wind Turbine
-  Transmission Line: Overhead
-  Collector Line: Underground / Transmission Line: Underground Section
-  Transformer Sub-Station or Switch Yard
-  Existing Transmission Line: Overhead

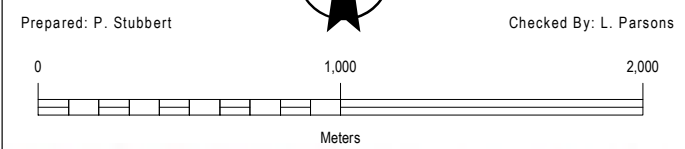
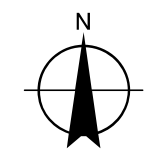
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## **Appendix B**

# Overview of Potential Environmental Effects and Monitoring

**Table B1 Environmental Effects Monitoring Plan – Environmental Impact Study General Features**

Project Activity	Potential Effects (D=Direct) (I=Indirect)	Mitigation Strategy	Residual Effect (magnitude/frequency/duration)	Performance Objective	Monitoring Plan and Contingency Measures
Site Preparation	<ul style="list-style-type: none"> <li>Limited vegetation removal (D).</li> </ul>	<ul style="list-style-type: none"> <li>No project components will be located directly within any natural significant features boundaries</li> <li>Vegetated buffers will be left in place to the extent possible.</li> <li>A Tree Preservation Plan will be developed during the detailed design phase in order to identify trees which may need to be removed or trimmed during construction of the transmission line. Trees requiring removal will be replaced at a ratio determined through the Tree Preservation Plan based on the age, size, species and health of the tree. The Tree Preservation Plan will also include recommendations for minor adjustments to utility pole locations in order to minimize tree loss to the extent possible.</li> <li>Time vegetation removal to avoid periods of habitat use where possible especially during breeding bird season for migratory birds (May 1 – July 30) undertaking active nest surveys if clearing of vegetation must take place during breeding bird season.</li> <li>Any cleared areas will be re-vegetated using a native seed mix where appropriate.</li> </ul>	<ul style="list-style-type: none"> <li>Duration is expected to be moderate (10-15 years until replacement trees have matured); however magnitude, frequency and geographic scope are very limited.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>Minimal vegetation removal for installation of utility poles only.</li> </ul>	<ul style="list-style-type: none"> <li>Undertake monthly site inspections during the Site Preparation stage to ensure that only specified trees are removed and that remaining trees are not damaged during construction activities.</li> <li>If active nests are found in an area where vegetation must be cleared, construction activities will be suspended during breeding bird period.</li> <li>Replacement trees will be monitored for one year to ensure at least 80% survival. Additional trees will be planted if survival rate is lower.</li> </ul>
All Construction and Decommissioning Activities	<ul style="list-style-type: none"> <li>Accidental encroachment of equipment, stockpiles etc. into natural areas (I).</li> </ul>	<ul style="list-style-type: none"> <li>All work zones should be delineated with silt fencing and be clearly marked to indicate that no work should occur outside the fenced area.</li> </ul>	<ul style="list-style-type: none"> <li>Limited duration, frequency, geographic extent.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>No disturbance to natural areas.</li> </ul>	<ul style="list-style-type: none"> <li>An Environmental Inspector will perform regular inspection to ensure that mitigation is implemented.</li> </ul>
All Construction and Decommissioning Activities	<ul style="list-style-type: none"> <li>Potential soil compaction (D).</li> </ul>	<ul style="list-style-type: none"> <li>Heavy equipment and material stockpiles will be limited to fenced construction areas.</li> <li>Temporary construction staging areas and construction roads which have been compacted will be rehabilitated upon completion of construction.</li> </ul>	<ul style="list-style-type: none"> <li>Limited duration, frequency, geographic extent.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize soil compaction to the extent possible.</li> <li>Rehabilitate any compacted soils within temporary construction areas.</li> </ul>	<ul style="list-style-type: none"> <li>An Environmental Inspector will perform regular inspection to ensure that equipment and stockpiles do not extend beyond construction areas.</li> <li>Northland and the contractor will work with participating landowners to ensure that soils in construction areas are rehabilitated to pre-construction conditions.</li> </ul>
All Construction and Decommissioning Activities	<ul style="list-style-type: none"> <li>Mortality of wildlife inadvertently moving through construction zones (I).</li> </ul>	<ul style="list-style-type: none"> <li>Silt fencing will be properly installed and maintained around work zones will also act to keep wildlife out of work areas.</li> <li>Construction traffic will be restricted to day time hours.</li> <li>Speed limit signage will be posted along construction travel routes to ensure that construction vehicles respect appropriate speeds.</li> </ul>	<ul style="list-style-type: none"> <li>Limited duration, frequency, geographic extent.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>No wildlife mortality.</li> </ul>	<ul style="list-style-type: none"> <li>An environmental inspector will regularly monitor fenced areas to ensure that fencing is properly keyed/toed in to the ground to ensure that wildlife cannot gain access under fenced area.</li> <li>If wildlife inadvertently moves into a construction area, the Environmental Inspector will move the species outside of the work area, if possible, using gloves and a bucket or plastic tub, as appropriate.</li> <li>If any species at risk are encountered that are not identified on relevant permits, all work will cease within the immediate work area and the Ministry of Natural Resources will be contacted.</li> </ul>

Project Activity	Potential Effects (D=Direct) (I=Indirect)	Mitigation Strategy	Residual Effect (magnitude/frequency/duration)	Performance Objective	Monitoring Plan and Contingency Measures
Installation and removal of 36kV collector lines, 230kV transmission line, communication lines	<ul style="list-style-type: none"> <li>Sediment and erosion impacts associated with open cuts/trenching and directional drilling/punch and bore activities (I).</li> </ul>	<ul style="list-style-type: none"> <li>Implementation of the erosion and sediment control measures will conform to industry best management practices and recognized standard specifications such as Ontario Provincial Standards Specifications (OPSS).</li> <li>Sediment and erosion control measures will be implemented prior to construction and maintained during the construction phase to prevent the escape of sediment from work zones:                             <ul style="list-style-type: none"> <li>All sediment and erosion control measures will be inspected prior to construction and maintained during the construction phase to prevent entry of sediment into natural features;</li> <li>If the sediment and erosion control measures are not functioning properly, no further work will occur until the sediment and/or erosion problem is addressed;</li> <li>All disturbed areas of the construction site will be stabilized immediately and re-vegetated as soon as conditions allow; and,</li> <li>Sediment and erosion control measures will be left in place until all areas of the construction site have been stabilized.</li> </ul> </li> <li>Directional drilling will be undertaken in accordance with the Department of Fisheries and Oceans' Operational Statement.</li> <li>Directional drilling and/or punch and bore operations will be designed with launching and receiving pits that will minimize tree loss and disturbance of natural vegetation wherever possible.</li> </ul>	<ul style="list-style-type: none"> <li>Limited duration, frequency, geographic extent.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>No erosion and sediment impacts on wildlife habitats.</li> </ul>	<ul style="list-style-type: none"> <li>A plan for addressing impacts associated with "frac-out" during directional drilling will be prepared in accordance with the Operational Statement.</li> <li>Erosion and sediment control measures will be regularly inspected to ensure they are functioning and are maintained as required.</li> <li>If erosion and sediment control measures are not functioning properly, alternative measures will be implemented and prioritized above other construction activities.</li> </ul>
Site Restoration	<ul style="list-style-type: none"> <li>Introduction of invasive species into natural areas (I).</li> </ul>	<ul style="list-style-type: none"> <li>All disturbed areas of the construction site will be re-vegetated as soon as conditions allow. Where re-vegetation is required in the municipal road allowance, as a result of transmission line installation, standard roadside seed mixes, which do not contain invasive species, will be used.</li> </ul>	<ul style="list-style-type: none"> <li>Limited duration, frequency, geographic extent.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>No introduction of invasive species.</li> </ul>	<ul style="list-style-type: none"> <li>An Environmental Inspector will perform regular inspection to ensure that mitigation is implemented.</li> <li>If extensive invasion of non-native species is identified as a result of the Project, contingency measures may include an applicable herbicide application. An herbicide application plan will be developed as required.</li> </ul>
Turbine assembly	<ul style="list-style-type: none"> <li>Effects on groundwater levels/seepage areas and wetlands due to dewatering for construction of turbine foundations (I).</li> </ul>	<ul style="list-style-type: none"> <li>Any discharge from dewatering will be outlet to a vegetated area at least 30m from a habitat area utilizing a sediment filter bag.</li> </ul>	<ul style="list-style-type: none"> <li>Limited duration, frequency, geographic extent.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>No effect on groundwater levels.</li> </ul>	<ul style="list-style-type: none"> <li>An Environmental Monitor should be on-site during any dewatering within 120m of natural features. The Monitor should ensure that the filter bag is working appropriately and ensure that no sediment is entering habitat areas.</li> <li>In the event of sediment discharge, all operations should stop immediately until the problem can be resolved.</li> <li>If significant changes in water levels/seepage areas are noted, operations should cease until water levels recover.</li> </ul>

Project Activity	Potential Effects (D=Direct) (I=Indirect)	Mitigation Strategy	Residual Effect (magnitude/frequency/duration)	Performance Objective	Monitoring Plan and Contingency Measures
All Construction and Decommissioning Activities	<ul style="list-style-type: none"> <li>Spills from equipment fueling, oiling, greasing of project components (I).</li> </ul>	<ul style="list-style-type: none"> <li>All materials and equipment used for the purpose of site preparation and project construction shall be operated and stored in a manner that prevents any deleterious substances (petroleum products, silt, etc.) from entering natural features:                             <ul style="list-style-type: none"> <li>Any stockpiled materials will be stored and stabilized away from the feature;</li> <li>Refueling and maintenance of construction equipment should occur a minimum of 30 m from a natural feature; and,</li> <li>Hazardous material transportation and application will occur in designated areas according to operational procedures. Proper spill containment equipment will be used and maintained on site.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Limited duration, frequency, geographic extent.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize potential for indirect effects from accidental spills.</li> </ul>	<ul style="list-style-type: none"> <li>As appropriate, spills will be reported to the MOE Spills Action Centre.</li> </ul>
All Construction and Decommissioning Activities	<ul style="list-style-type: none"> <li>Impacts of construction noise on wildlife (I).</li> </ul>	<ul style="list-style-type: none"> <li>Environmental noise will be reduced through the standard operating practices. A traffic plan will be developed and implemented by the Construction Contractor.</li> <li>Work within 120 m of Amphibian Breeding Habitats (GCSWH-ABH) will not occur after dusk during the breeding season (April, May and June).</li> <li>Work within 120m of bird habitats (GCSWH-WRN, GCSWH-WASBB, GCSWH-WNA, GCSWH-WSSA) will not occur in the early morning hours (between dawn and 1.5 hours after dawn) during the breeding season (May 15-July 30).</li> </ul>	<ul style="list-style-type: none"> <li>Limited duration, frequency, geographic extent.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize effects of noise.</li> </ul>	<ul style="list-style-type: none"> <li>The Environmental Inspector will ensure that all operational plans and construction timing associated with noise reduction are being followed.</li> </ul>
All Construction and Decommissioning Activities	<ul style="list-style-type: none"> <li>Dust effects on wildlife habitat (I).</li> </ul>	<ul style="list-style-type: none"> <li>As appropriate, dust from the work areas will be controlled through suppressants (e.g. water).</li> </ul>	<ul style="list-style-type: none"> <li>Limited duration, frequency, geographic extent.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize effects from dust on wildlife habitats.</li> </ul>	<ul style="list-style-type: none"> <li>Dust emissions will be monitored daily during construction to ensure dust control watering frequency and rates are adequate.</li> </ul>

**Table B2 Environmental Effects Monitoring Plan – Environmental Impact Study Significant Features**

Affected Environmental Feature(s)	Project Activity	Potential Effects (D=Direct) (I=Indirect) Potential effect on the size, diversity, health, connectivity, functionality and resilience of the natural feature.	Mitigation Strategy	Residual Effect (magnitude/frequency/duration)	Performance Objective	Monitoring Plan and Contingency Measures
<b>CONSTRUCTION AND DECOMMISSIONING</b>						
All Significant Features  Significant Valleylands V-001  Significant Wetlands WE-027, WE-029  Significant Woodlands W-004, W-012, W-013, W-014, W-020, W-021, W-023, W-026, W-029, W-030, W-031, W-034, W-036, W-037, W-039, W-041, W-042, W-053, W-067, W-079, W-081, W-086, W-088, W-093, W-094, W-099, W-102, W-104, W-118, W-123, W-127, W-128  Turtle Nesting Areas TNA-003  Deer Yarding Areas DYA-001 DYA-002  Amphibian Breeding Habitat ABH-007	<ul style="list-style-type: none"> <li>All Construction and Decommissioning Activities</li> </ul>	<ul style="list-style-type: none"> <li>General construction and decommissioning effects.</li> <li>Refer to effects listed under Generalized Significant Wildlife Habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to mitigation listed under Generalized Significant Wildlife Habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Residual Effects listed under Generalized Significant Wildlife Habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Performance Objectives listed under Generalized Significant Wildlife Habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to monitoring and contingency measures listed under Generalized Significant Wildlife Habitat.</li> </ul>
Significant Valleylands V-001	Installation and removal of 230kV transmission line and communication lines	<ul style="list-style-type: none"> <li>Slope failure, erosion or slumping during work in and around slope areas (I).</li> <li>The effects identified above could have an effect on the health (water quality) of the watercourse within the valley as well as on the health of the forested areas within the valley.</li> </ul>	<ul style="list-style-type: none"> <li>The detailed design and construction plan for this area will include a geotechnical assessment that will outline specific mitigation for work on sloped areas.</li> <li>A permit from the Ausable Bayfield Conservation Authority will be required for work in this area. All conditions of the permit will be met.</li> </ul>	<ul style="list-style-type: none"> <li>Limited duration, frequency, geographic extent.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>No slope failure, erosion or slumping.</li> <li>No decrease in health, functionality and stability of the valleyland.</li> </ul>	<ul style="list-style-type: none"> <li>Erosion and slope stability measures will be regularly inspected to ensure they are functioning and are maintained as required.</li> </ul>

Affected Environmental Feature(s)	Project Activity	Potential Effects (D=Direct) (I=Indirect) Potential effect on the size, diversity, health, connectivity, functionality and resilience of the natural feature.	Mitigation Strategy	Residual Effect (magnitude/frequency/duration)	Performance Objective	Monitoring Plan and Contingency Measures
<p>Significant Woodlands</p> <p>W-04, W-020, W-21, W-23, W-026, W-29, W-30, W-31, W-34, W-036, W-37, W-042, W-053,</p>	<ul style="list-style-type: none"> <li>Construction and removal of access roads adjacent to the following woodlands:                             <ul style="list-style-type: none"> <li>W-053 (access road to T-16);</li> <li>W-042 (access road to T-18);</li> <li>W-036 (access road to T-25 and T-28);</li> <li>W-026 (access road to T-31); and,</li> <li>W-020 (access road to T-40).</li> </ul> </li> <li>Installation of 36kV collector lines adjacent to the following woodlands:                             <ul style="list-style-type: none"> <li>W-04 and W-037 (collector line along Sararas Road);</li> <li>W-029, W-030, W-034, W-031 (collector line along Shipka Road);</li> <li>W-023 and W-026 along Schadeview Road;</li> <li>W-020 along Turnbull's Road; and,</li> <li>W-021 along the field edge between T-37 and T-39.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Inadvertent loss of, or disturbance to, vegetation along the edge of woodlands during construction of adjacent access roads and below ground collector lines (I).</li> <li>The effects identified above could have minor effect on the size of woodlands and their function in providing edge habitat for a variety of species including Red-headed woodpecker (Special Concern species).</li> </ul>	<ul style="list-style-type: none"> <li>Access road and collector lines will be no closer than the dripline of each woodland edge.</li> <li>Below ground collector lines will be located within the gravel road shoulder and will not extend into wooded areas.</li> <li>Additional, taller tree protection fencing (tree hoarding) should be installed in these areas to protect tree limbs from equipment in adjacent areas.</li> <li>Any tree roots which extend into the construction area should be cut and re-packed into soil to avoid desiccation.</li> <li>Vegetation along the woodland edges should be surveyed for rare species by biologist prior to removal (see mitigation for Species of Conservation Concern).</li> </ul>	<ul style="list-style-type: none"> <li>Limited duration, frequency, geographic extent.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>No disturbance to woodlots.</li> </ul>	<ul style="list-style-type: none"> <li>Silt fencing and tree hoarding will be installed along the dripline and monitored by an Environmental Inspector.</li> </ul>
<p>Significant Wetlands</p> <p>WE-027, WE-029</p>	<ul style="list-style-type: none"> <li>Installation and removal of 230kV transmission line and communication lines</li> </ul>	<ul style="list-style-type: none"> <li>Inadvertent loss of, or disturbance to, vegetation within the wetlands (I).</li> <li>Movement of exposed sediment into the wetlands (I).</li> <li>The effects identified above could have minor effect on the size of wetlands and on the function of the wetland as surface water storage.</li> </ul>	<ul style="list-style-type: none"> <li>Two options for mitigation may be used:                             <ul style="list-style-type: none"> <li>The transmission line may be located on the opposite side of the road from these wetlands. In this case, mitigation will include:                                     <ul style="list-style-type: none"> <li>Clearly demarcating wetlands and ensuring the equipment and material stockpiles do not encroach into the wetland in the opposite ROW.</li> </ul> </li> <li>The transmission line may be directionally drilled below ground under the wetlands. In this case, mitigation measures will include:                                     <ul style="list-style-type: none"> <li>Entrance and exit pits will be at least 30m from the edge of the wetland; and,</li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>May be residual effect associated with frac-out during directional drilling.</li> <li>Likelihood is low, limited duration, frequency and geographic extent.</li> </ul>	<ul style="list-style-type: none"> <li>No vegetation loss or disturbance associated with sediment and erosion on Provincially Significant Wetlands.</li> </ul>	<ul style="list-style-type: none"> <li>An Environmental Inspector will regularly monitor operations to ensure that activities do not encroach into wetland areas.</li> <li>If directional drilling is used, an Environmental Inspector will be on-site during drilling activities.</li> <li>A plan to address potential frac-out will be developed and activated by the Environmental Inspector if required.</li> </ul>

Affected Environmental Feature(s)	Project Activity	Potential Effects (D=Direct) (I=Indirect) Potential effect on the size, diversity, health, connectivity, functionality and resilience of the natural feature.	Mitigation Strategy	Residual Effect (magnitude/frequency/duration)	Performance Objective	Monitoring Plan and Contingency Measures
			<ul style="list-style-type: none"> <li>– Sediment and erosion controls will be used around the entrance and exit pits.</li> </ul>			
Significant Turtle Nesting and Amphibian Breeding Habitat  ABH-007 TNA-002	All Construction and Decommissioning Activities	<ul style="list-style-type: none"> <li>• Accidental mortality due to wildlife moving through the construction zone (I).</li> <li>• The effect identified above may affect individual animals but unlikely to affect population health or resiliency. No effect on habitat functionality.</li> </ul>	<ul style="list-style-type: none"> <li>• During construction wildlife fencing (sediment fencing) will be installed around all work areas within 120m of these habitats prior to any earth movement, stockpiling or other activities on the site. Fencing must be keyed in correctly and monitored for proper installation and maintenance by the Environmental Inspector.</li> </ul>	<ul style="list-style-type: none"> <li>• Limited duration, frequency, geographic extent.</li> <li>• No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>• No accidental mortality.</li> <li>• No reduced amphibian breeding due to noise impacts.</li> </ul>	<ul style="list-style-type: none"> <li>• The Environmental Inspector should be on-site for daily inspections of wildlife fencing for signs of turtles accessing the construction zone. This should occur in the work zone associated with T-40, its access road and all associated components during the period between March and October when turtles are active.</li> <li>• If any turtles are found within the work zone, the Environmental Inspector should relocate them to the nearest habitat area outside of the work zone. When relocating snapping turtles, care should be taken to avoid injury by wearing gloves and placing turtles into a bucket or large plastic tub for relocation.</li> <li>• Sediment/wildlife fencing within 120m of Amphibian Breeding Habitat (ABH-007) should also be inspected by the Environmental Inspector at least once a week during the breeding season.</li> </ul>
Amphibian Breeding Habitat  ABH-007	Construction of turbines T-21, T-22, T-23, T-24 and T-25, their access roads and all associated components	<ul style="list-style-type: none"> <li>• Inhibition of amphibian breeding patterns and reproductive success due to disruptions of breeding calling patterns from turbine noise (I).</li> <li>• The effect identified above could affect the size and diversity of the amphibian population in this pond.</li> </ul>	<ul style="list-style-type: none"> <li>• Construction of turbines T-21, T-22, T-23, T-24 and T-25, their access roads and all associated components should not occur after dusk during the breeding season (April, May and June).</li> </ul>	<ul style="list-style-type: none"> <li>• Limited duration, frequency, geographic extent.</li> <li>• No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>• No significant decrease in amphibian populations.</li> </ul>	<ul style="list-style-type: none"> <li>• Contractor and Environmental Inspector to monitor work schedules to ensure that no work occurs within the restricted timing window.</li> </ul>
<b>OPERATION</b>						
Significant Woodlands  W-39, W-79, W-81, W-86, W-88, W-93, W-94, W-99, W-102, W-123, W-128	Operation of the 230kV transmission line	<ul style="list-style-type: none"> <li>• Fires or electrical outages from transmission line arcing to nearby trees and vegetation (I).</li> <li>• The effect identified above could affect the size, health and ecological diversity of woodlands.</li> </ul>	<ul style="list-style-type: none"> <li>• The transmission line will be maintained to comply with the tree and vegetation clearance requirements of the North American Electricity Reliability Corporation (NERC).</li> </ul>	<ul style="list-style-type: none"> <li>• Likelihood of effect very limited and only expected to occur as an accidental occurrence.</li> <li>• No residual effects anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>• No fires or power outages as a result of tree or vegetation arcing with transmission line.</li> </ul>	<ul style="list-style-type: none"> <li>• If a transmission line fire or power outage occurs, the operations and maintenance staff will implement the Emergency Response Plan.</li> </ul>



Affected Environmental Feature(s)	Project Activity	Potential Effects (D=Direct) (I=Indirect) Potential effect on the size, diversity, health, connectivity, functionality and resilience of the natural feature.	Mitigation Strategy	Residual Effect (magnitude/frequency/duration)	Performance Objective	Monitoring Plan and Contingency Measures
Amphibian Breeding Habitat  ABH-007	Wind Turbine Operation	<ul style="list-style-type: none"> <li>Inhibition of amphibian breeding patterns and reproductive success due to disruptions of breeding calling patterns from turbine noise (I).</li> <li>The effect identified above could affect the size and diversity of the amphibian population in this pond.</li> </ul>	<ul style="list-style-type: none"> <li>Strategy to site turbines outside of habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Duration of the effect could be experienced throughout entire operating period of the turbines.</li> <li>Effect most significant during spring breeding season.</li> <li>Potential for residual effects exists.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize impacts to amphibian breeding. Baseline amphibian calling index to be maintained at 3 for both spring peeper and green frog.</li> </ul>	<ul style="list-style-type: none"> <li>Conduct an Amphibian Monitoring Program for two years following construction of the wind farm. Amphibian surveys to be undertaken in accordance with Marsh Monitoring Program Manual (Bird Studies Canada, 1994). Surveys will be conducted between one-half hour after sunset and midnight during each of the following three periods:                             <ul style="list-style-type: none"> <li>April 15-30;</li> <li>May 15-30; and,</li> <li>June 15-30.</li> </ul> </li> <li>Contingency measures may include additional monitoring to determine cause of decline, possible turbine shut-down or blade feathering during breeding season.</li> <li>Additional two years of monitoring if significant effects are observed.</li> </ul>
All Significant Features  Significant Valleylands V-001  Significant Wetlands WE-027, WE-029  Significant Woodlands W-004, W-012, W-013, W-014, W-020, W-021, W-023, W-026, W-029, W-030, W-031, W-034, W-036, W-037, W-039, W-041, W-042, W-053, W-067, W-079, W-081, W-086, W-088, W-093, W-094, W-099, W-102, W-104, W-118, W-123, W-127, W-128  Turtle Nesting Areas TNA-003  Deer Yarding Areas DYA-001 DYA-002	Planned and Unplanned Maintenance	<ul style="list-style-type: none"> <li>Maintenance activities may have impacts associated with spills and the accidental release of hazardous materials.</li> <li>General effects such as those described under listed under Generalized Significant Wildlife Habitat may occur if earth movement is required.</li> <li>Refer to effects listed under Generalized Significant Wildlife Habitat.</li> <li>Maintenance activities are not anticipated to affect size, diversity, health, connectivity or function of natural features.</li> </ul>	<ul style="list-style-type: none"> <li>Procedures will be in place for the handling of hazardous materials, disposal of waste and management of dust and noise.</li> <li>Any maintenance requiring earth movement will use the same mitigation measures described under Generalized Significant Wildlife Habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Residual Effects listed under Generalized Significant Wildlife Habitat.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Performance Objectives listed under Generalized Significant Wildlife Habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to monitoring and contingency measures listed under Generalized Significant Wildlife Habitat.</li> </ul>

Affected Environmental Feature(s)	Project Activity	Potential Effects (D=Direct) (I=Indirect) Potential effect on the size, diversity, health, connectivity, functionality and resilience of the natural feature.	Mitigation Strategy	Residual Effect (magnitude/frequency/ duration)	Performance Objective	Monitoring Plan and Contingency Measures
Amphibian Breeding Habitat ABH-007						

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**Table B3 Environmental Effects Monitoring Plan – Environmental Impact Study Wetlands Treated as Significant**

Affected Environmental Feature(s)	Project Activity	Potential Effects (D=Direct) (I=Indirect) Potential effect on the size, diversity, health, connectivity, functionality and resilience of the natural feature.	Mitigation Strategy	Residual Effect (magnitude/frequency/duration)	Performance Objective	Monitoring Plan and Contingency Measures
<b>CONSTRUCTION AND DECOMMISSIONING</b>						
Wetlands Treated as Significant  WE-001, WE-002, WE-008, WE-010, WE-011, WE-012, WE-013, WE-014, WE-015, WE-016, WE-017, WE-020, WE-022, WE-026, WE-030, WE-031, WE-032, WE-033, WE-034, WE-035, WE-037, WE-038,	All Construction and Decommissioning Activities	<ul style="list-style-type: none"> <li>General construction and decommissioning effects.</li> <li>Refer to effects listed under Generalized Significant Wildlife Habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to mitigation listed under Generalized Significant Wildlife Habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Residual Effects listed under Generalized Significant Wildlife Habitat.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Performance Objectives listed under Generalized Significant Wildlife Habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to monitoring and contingency measures listed under Generalized Significant Wildlife Habitat.</li> </ul>
Wetlands Treated as Significant  WE-013, WE-014, WE-015, WE-017, WE-020, WE-022, WE-026, WE-031, WE-038	Installation of 230kV transmission line and communication lines	<ul style="list-style-type: none"> <li>Minor loss of vegetation within the wetlands (D).</li> <li>Movement of exposed sediment into the wetlands (I).</li> <li>The effects identified above could have minor effect on the size of wetlands and on the function of the wetland as surface water storage and flood control.</li> </ul>	<ul style="list-style-type: none"> <li>Two options for mitigation may be used:                             <ul style="list-style-type: none"> <li>The transmission line may be located on the opposite side of the road from these wetlands. In this case, mitigation will include:                                     <ul style="list-style-type: none"> <li>Clearly demarcating wetlands and ensuring the equipment and material stockpiles do not encroach into the wetland in the opposite ROW.</li> </ul> </li> <li>The transmission line may be directionally drilled below ground under the wetlands. In this case, mitigation measures will include:                                     <ul style="list-style-type: none"> <li>Entrance and exit pits will be at least 30m from the edge of the wetland; and,</li> <li>Sediment and erosion controls will be used around the entrance and exit pits.</li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>May be residual effect associated with frac-out during directional drilling. Likelihood is low, limited duration, frequency and geographic extent.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>No vegetation loss or disturbance associated with sediment and erosion on Provincially Significant Wetlands.</li> </ul>	<ul style="list-style-type: none"> <li>An Environmental Inspector will regularly monitor operations to ensure that activities do not encroach into wetland areas.</li> <li>If directional drilling is used, an Environmental Inspector will be on-site during drilling activities.</li> <li>A plan to address potential frac-out will be developed and activated by the Environmental Inspector if required.</li> </ul>

Affected Environmental Feature(s)	Project Activity	Potential Effects (D=Direct) (I=Indirect) Potential effect on the size, diversity, health, connectivity, functionality and resilience of the natural feature.	Mitigation Strategy	Residual Effect (magnitude/frequency/duration)	Performance Objective	Monitoring Plan and Contingency Measures
Wetlands Treated as Significant  WE-001, WE-002, WE-008, WE-010, WE-011,	Turbine Assembly	<ul style="list-style-type: none"> <li>Localized effects on wetland water levels due to dewatering for construction of turbine foundations (I).</li> <li>Water from the dewatering process could be outlet into a wetland causing scour within the wetland and deposition of sediment from the pumped water (I).</li> <li>The effects identified above could affect habitat for aquatic species if standing water is drawn down.</li> <li>Sedimentation could affect wetland functions associated with surface water storage and flood control.</li> </ul>	<ul style="list-style-type: none"> <li>Dewatering will be minimized to the extent possible.</li> <li>Any discharge from dewatering will be outlet to a vegetated area at least 30 m from a wetland utilizing a sediment filter bag.</li> </ul>	<ul style="list-style-type: none"> <li>Limited duration, frequency, geographic extent.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>No effect on wetland water levels.</li> <li>No sediment discharge into wetlands.</li> </ul>	<ul style="list-style-type: none"> <li>An Environmental Monitor should be on-site during any dewatering within 120m of wetlands. The Monitor should ensure that the filter bag is working appropriately and ensure that no sediment is entering wetland areas.</li> <li>In the event of sediment discharge, all operations should stop immediately until the problem can be resolved.</li> <li>Although no effects on water levels is anticipated, the Environmental Monitor should also monitor water levels in the vicinity of dewatering activities during the dewatering process. If significant changes in water levels are noted, operations should cease until water levels recover.</li> </ul>
<b>OPERATION</b>						
Wetlands Treated as Significant  WE-001, WE-002, WE-008, WE-010, WE-011, WE-012, WE-013, WE-014, WE-015, WE-016, WE-017, WE-020, WE-022, WE-026, WE-030, WE-031, WE-032, WE-033, WE-034, WE-035, WE-037, WE-038,	Planned and Unplanned Maintenance	<ul style="list-style-type: none"> <li>Maintenance activities may have impacts associated with spills and the accidental release of hazardous materials.</li> <li>General effects such as those described under listed under Generalized Significant Wildlife Habitat may occur if earth movement is required.</li> <li>Refer to effects listed under Generalized Significant Wildlife Habitat.</li> <li>Maintenance activities are not anticipated to affect size, diversity, health, connectivity or function of wetlands.</li> </ul>	<ul style="list-style-type: none"> <li>Procedures will be in place for the handling of hazardous materials, disposal of waste and management of dust and noise.</li> <li>Any maintenance requiring earth movement will use the same mitigation measures described under Generalized Significant Wildlife Habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Residual Effects listed under Generalized Significant Wildlife Habitat.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Performance Objectives listed under Generalized Significant Wildlife Habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to monitoring and contingency measures listed under Generalized Significant Wildlife Habitat.</li> </ul>



**Table B4 Environmental Effects Monitoring Plan – Environmental Impact Study Features Treated as Significant**

Affected Environmental Feature(s)	Project Activity	Potential Effects (D=Direct) (I=Indirect) Potential effect on the size, diversity, health, connectivity, functionality and resilience of the natural feature.	Mitigation Strategy	Residual Effect (magnitude/frequency/duration)	Performance Objective	Monitoring Plan and Contingency Measures
<b>CONSTRUCTION AND DECOMMISSIONING</b>						
Wildlife Habitat Treated as Significant  Bat Maternal Colonies BMC-001, BMC-002, BMC-003, BMC-004, BMC-005, BMC-006, BMC-007, BMC-008, BMC-009, BMC-010  Turtle Wintering Area TWA-003  Habitat of Species of Conservation Concern SCC-001, SCC-002, SCC-003, SCC-004, SCC-005, SCC-006, SCC-007, SCC-008, SCC-009, SCC-010, SCC-011, SCC-012, SCC-013	All Construction and Decommissioning Activities	<ul style="list-style-type: none"> <li>General construction and decommissioning effects.</li> <li>Refer to effects listed under Generalized Significant Wildlife Habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Undertake Habitat Use Study prior to construction to confirm significance.</li> <li>Apply mitigation measures listed under Generalized Candidate Significant Wildlife Habitat in the case that habitats are significant.</li> </ul>	<ul style="list-style-type: none"> <li>Limited duration, frequency, geographic extent.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize impacts.</li> </ul>	<ul style="list-style-type: none"> <li>In the case that habitats are significant, refer to monitoring and contingency measures listed under Generalized Candidate Significant Wildlife Habitat.</li> </ul>
Species of Conservation Concern  SCC-001, SCC-002, SCC-003, SCC-004, SCC-005, SCC-006, SCC-007, SCC-008, SCC-009, SCC-010, SCC-011, SCC-012, SCC-013	Site Preparation  All Decommissioning Activities	<ul style="list-style-type: none"> <li>No SCC anticipated within work zones; however, small number of unanticipated individuals may be present outside of identified habitat areas and may require removal (I).</li> <li>The effect identified above may affect individuals but no effect anticipated at the population scale.</li> </ul>	<ul style="list-style-type: none"> <li>If a species is identified within a work zone during Habitat Use Studies, the qualified biologist undertaking surveys, in conjunction with the Environmental Inspector, will determine whether the species can be protected in situ or whether it can be re-located/transplanted to an alternative location away from construction activities.</li> </ul>	<ul style="list-style-type: none"> <li>Likelihood of encountering individuals is minimal.</li> <li>Magnitude of effect on population size and health is minimal.</li> <li>Limited frequency.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>No net loss of species of conservation concern.</li> </ul>	<ul style="list-style-type: none"> <li>If a species cannot be successfully transplanted (e.g. a mature tree), replacement trees will be planted of the same species at a 2:1 ratio.</li> <li>Transplants and replacement trees will be monitored for one year to ensure 80% survival rate. To the extent that this 80% survival rate isn't met additional specimens will be replanted.</li> </ul>
<b>OPERATION</b>						
Bat Maternal Colonies BMC-001, BMC-002, BMC-003, BMC-004, BMC-005, BMC-006, BMC-007, BMC-008, BMC-009, BMC-010	Turbine Operation	<ul style="list-style-type: none"> <li>Impacts due to collisions with turbine blades during operation (D).</li> <li>The effect identified above has the potential to affect the population size and health if collisions occur during maternal roosting periods and if mortality exceeds 10 bats/turbine/year.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to mitigation provided in the EEMP for birds and bats.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to the EEMP for birds and bats.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to the EEMP for birds and bats.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to the EEMP for birds and bats.</li> </ul>

Affected Environmental Feature(s)	Project Activity	Potential Effects (D=Direct) (I=Indirect) Potential effect on the size, diversity, health, connectivity, functionality and resilience of the natural feature.	Mitigation Strategy	Residual Effect (magnitude/frequency/duration)	Performance Objective	Monitoring Plan and Contingency Measures
<p>Wildlife Habitat Treated as Significant</p> <p>Bat Maternal Colonies BMC-001, BMC-002, BMC-003, BMC-004, BMC-005, BMC-006, BMC-007, BMC-008, BMC-009, BMC-010</p> <p>Turtle Wintering Area TWA-003</p> <p>Habitat of Species of Conservation Concern SCC-001, SCC-002, SCC-003, SCC-004, SCC-005, SCC-006, SCC-007, SCC-008, SCC-009, SCC-010, SCC-011, SCC-012, SCC-013</p>	<p>Planned and Unplanned Maintenance</p>	<ul style="list-style-type: none"> <li>Maintenance activities may have impacts associated with spills and the accidental release of hazardous materials.</li> <li>General effects such as those described under listed under Generalized Significant Wildlife Habitat may occur if earth movement is required.</li> <li>Refer to effects listed under Generalized Significant Wildlife Habitat.</li> <li>Maintenance activities are not anticipated to affect size, diversity, health, connectivity or function of wildlife habitats.</li> </ul>	<ul style="list-style-type: none"> <li>Procedures will be in place for the handling of hazardous materials, disposal of waste and management of dust and noise.</li> <li>Any maintenance requiring earth movement will use the same mitigation measures described under Generalized Significant Wildlife Habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Residual Effects listed under Generalized Significant Wildlife Habitat.</li> <li>No residual effect anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Performance Objectives listed under Generalized Significant Wildlife Habitat.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to monitoring and contingency measures listed under Generalized Significant Wildlife Habitat.</li> </ul>

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**Table B5 Environmental Effects Monitoring Plan – Water Assessment and Water Body Features**

Affected Environmental Feature(s)	Project Phase	Potential Effects	Performance Objective	Mitigation Strategy	Monitoring Plan and Contingency Measures
<p>Aquatic Species and Aquatic Habitat</p> <p>Watercourse Crossings:</p> <p>CR-013, CR-018, CR-023, CR-031, CR-032, CR-041</p>	Construction Decommissioning	<ul style="list-style-type: none"> <li>Potential direct effects to aquatic habitat quality from sedimentation during construction activities (i.e. culverts for access roads).</li> <li>Effects to riparian vegetation during construction</li> <li>Effects to fish during in-water works</li> <li>Potential failure of slopes – impacts to bed/banks of stream during culvert construction.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize indirect effects from dust, sedimentation and erosion.</li> <li>Minimize direct effects to fish and fish habitat during construction.</li> </ul>	<ul style="list-style-type: none"> <li>Erosion and sediment control measures (i.e., silt fence, straw bales, wooden stakes, sand bags, filters, pumps, snow fencing) will be installed and will be maintained during the construction work phase and until the site has been stabilized. Implementation of the erosion and sediment control measures will conform to industry best management practices and recognized standard specifications such as Ontario Provincial Standards Specifications (OPSS).</li> <li>Minimize footprint for culvert crossings at access roads.</li> <li>Culvert construction will take place outside fish and fish habitat timing windows, and will be designed and installed according to the requirements of the Ausable Bayfield Conservation Authority.</li> <li>Directional drilling and/or punch and bore operations will be designed with launching and receiving pits with appropriate setbacks from watercourses wherever possible.</li> <li>Dewatering from open excavations will take place on tile-drained agricultural land to promote infiltration and settling of suspended solids prior to entering a watercourse.</li> <li>Fish salvage will be conducted by a qualified biologist under a Scientific Collection Permit from MNR and all fish captured within the work area will be released downstream unharmed.</li> <li>Operational Statements (OS) provided by DFO will be used where appropriate to ensure that no impact to fish and fish habitat will occur during construction (i.e., punch and bore, directional drilling, open-cut watercourse crossings and isolated dam and pump).</li> </ul>	<ul style="list-style-type: none"> <li>Regular weekly site inspection will occur by designated Environmental Monitor for sediment and erosion control measures. Severe weather conditions may require additional site visits depending on the proximity of the watercourse.</li> <li>The level of monitoring and reporting would be based on the severity of the spill and may be discussed with the MOE Spills Action Center and MNR.</li> </ul> <p><b>Contingency Measures</b></p> <ul style="list-style-type: none"> <li>Environmental Monitor will be responsible for “stop works” if mitigation measures are not incorporated into the construction activities or performance objectives are not achieved</li> <li>Changes to the mitigation measures to best suit the current conditions will be adopted to achieve overall performance objective.</li> </ul>
Aquatic Species and Aquatic Habitat	Construction Operation Decommissioning	<ul style="list-style-type: none"> <li>Potential contamination from accidental spills.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize potential for indirect effects from accidental spills.</li> </ul>	<ul style="list-style-type: none"> <li>Hazardous material transportation and application will occur in designated areas according to operational procedures. Proper spill containment equipment will be used and maintained on site.</li> <li>No fuelling within 30 m of any watercourse.</li> <li>No fuel storage within 30 m of any watercourse.</li> <li>A spill containment kit will be available during construction for every location that heavy equipment is operated.</li> </ul>	<ul style="list-style-type: none"> <li>Regular site inspections will occur by designated Environmental Monitors for in-water works and work adjacent to sensitive areas.</li> <li>The level of monitoring and reporting would be based on the severity of the spill and may be discussed with the MOE Spills Action Center and MNR.</li> </ul> <p><b>Contingency Measures</b></p> <ul style="list-style-type: none"> <li>Additional sediment and erosion control measure (silt fence, erosion control blankets, etc) will be on site a ready for use if original measures are not suitable</li> <li>Refer to Spill Contingency Plan.</li> <li>Contaminated soil will be removed and disposed of at an approved facility.</li> </ul>
Surface Water/Soils	Construction Operation Decommissioning	<ul style="list-style-type: none"> <li>Short-term degradation of soil/water quality and fisheries habitat due to accidental spills or releases.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize indirect effects from dust, sedimentation and erosion.</li> <li>Minimize potential for indirect effects from accidental spills.</li> </ul>	<ul style="list-style-type: none"> <li>Erosion and sediment control measures (i.e., silt fence, straw bales, wooden stakes, sand bags, filters, pumps, snow fencing) will be installed and will be maintained during the construction work phase and until the site has been stabilized. Implementation of the erosion and sediment control measures will conform to industry best management practices and recognized standard specifications such as Ontario Provincial Standards Specifications (OPSS).</li> <li>Culvert construction will take place outside fish and fish habitat timing windows, and will be designed and installed according to the requirements of the Ausable Bayfield Conservation Authority.</li> <li>Directional drilling and/or punch and bore operations will be designed with launching and receiving pits with appropriate setbacks from watercourses wherever possible.</li> <li>Dewatering from open excavations will take place on tile-drained agricultural land to</li> </ul>	<ul style="list-style-type: none"> <li>Regular site inspection will occur by designated Environmental Monitors. The level of monitoring and reporting would be based on the severity of the occurrence and may be discussed with the MOE Spills Action Center and MNR.</li> </ul> <p><b>Contingency Measures</b></p> <ul style="list-style-type: none"> <li>Contaminated soil will be removed and disposed of at an approved facility.</li> </ul>

Affected Environmental Feature(s)	Project Phase	Potential Effects	Performance Objective	Mitigation Strategy	Monitoring Plan and Contingency Measures
				promote infiltration and settling of suspended solids prior to entering a watercourse. <ul style="list-style-type: none"> <li>Hazardous material transportation and application will occur in designated areas according to operational procedures. Proper spill containment equipment will be used and maintained on site.</li> </ul>	
Groundwater	Construction Operation Decommissioning	<ul style="list-style-type: none"> <li>Potential direct impacts to groundwater quality and quantity due to water taking at Parts and Storage Building.</li> <li>Water quality impacts due to potential fuel and oil spills.</li> <li>Dewatering operations during construction are not expected to impact groundwater quantity or quality. Refer to the Construction Plan Report for further details.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize impacts to groundwater quality and quantity.</li> <li>No spills.</li> </ul>	<ul style="list-style-type: none"> <li>Confirmation of water supply needs and capacity for the Part and Storage Building will be verified at the detailed design phase. If required, detailed design and implementation plans will include measures for water storage and/or water treatment.</li> <li>An Emergency Response and Communications Plan will be developed during detailed design to ensure proper mitigation and notification procedures are in place regarding groundwater quality during Project operation.</li> </ul>	<ul style="list-style-type: none"> <li>Regular site inspection will occur by designated Environmental Monitors. The level of monitoring and reporting would be based on the severity of the occurrence and may be discussed with the MOE Spills Action Center and MNR.</li> </ul> <p><b>Contingency Measures</b></p> <ul style="list-style-type: none"> <li>All spills that could potentially have an adverse environmental effect, are outside the normal course of events, or are in excess of the prescribed regulatory levels would be reported to the MOE's Spills Action Centre.</li> </ul>

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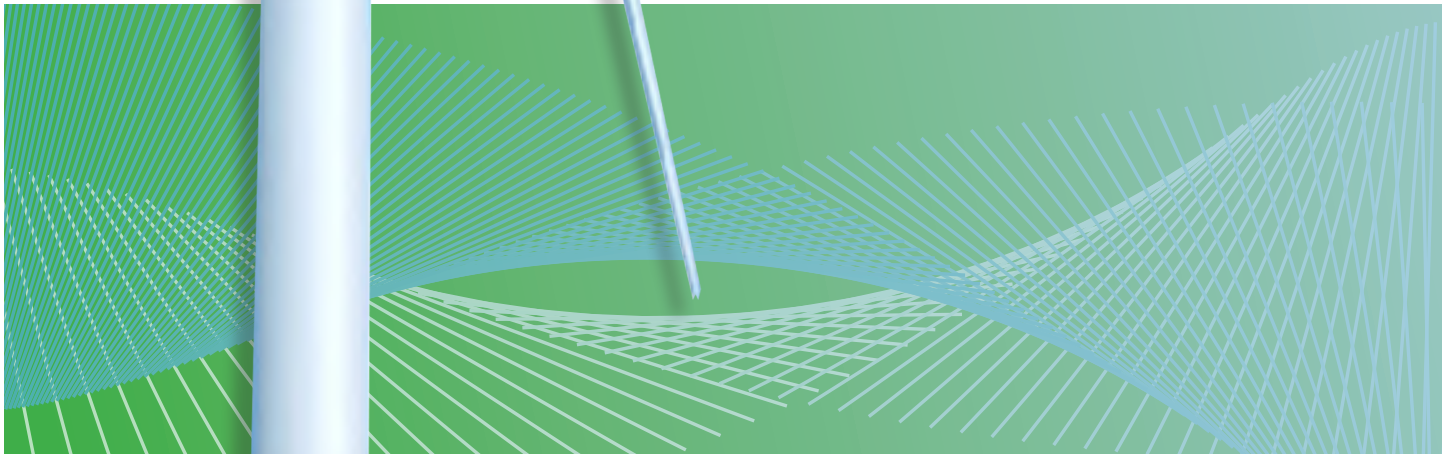
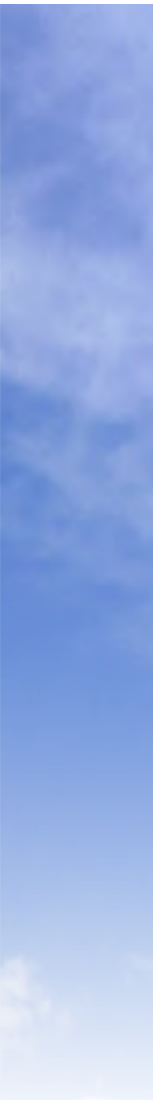


**Table B6 Environmental Effects Monitoring Plan – Land Use and Socio-Economic Features**

Affected Environmental Feature(s)	Project Phase	Potential Effects	Performance Objective	Mitigation Strategy	Monitoring Plan and Contingency Measures
Provincial Land Use Plans	Construction, Operation, and Decommissioning	<ul style="list-style-type: none"> <li>The Project is not protected under the Greenbelt Plan, Lake Simcoe Protection Plan, Niagara Escarpment Plan or Oak Ridges Moraine Conservation Plan. No impacts under provincial plans or policies are anticipated.</li> </ul>	N/A	N/A	N/A
Petroleum, Oil and Gas Resources	Construction, Operation, and Decommissioning	<ul style="list-style-type: none"> <li>Fires and explosions from disturbance of existing oil and gas resources.</li> <li>Methane and sour gas releases from disturbance of existing oil and gas resources.</li> </ul>	<ul style="list-style-type: none"> <li>No fires or explosions from existing oil and gas resources as a result of Project activities.</li> <li>No methane and sour gas releases from existing oil and gas resources as a result of Project activities.</li> </ul>	<ul style="list-style-type: none"> <li>Project infrastructure has been sited with a clearance of over 75 metres from existing active wells.</li> <li>For Project infrastructure located within 75 metres of abandoned wells, a visual search will be conducted to confirm the condition of the abandoned well. If required, the abandoned well will be properly decommissioned prior to construction within 75 metres of the abandoned well.</li> <li>An engineer's report will be prepared outlining risks, mitigation, and emergency response procedures for wells within 75 metres of Project activities.</li> </ul>	<ul style="list-style-type: none"> <li>Contingency Measures</li> <li>Existing well records indicate 2 abandoned wells are located within 75 metres of an access road and the transmission line. The wells have been decommissioned and are not likely to be affected by Project activities. If a fire, explosion, or release of sour gas occurs during Project activities, the Emergency Response Plan will be implemented.</li> </ul>
Existing Land Uses - Agriculture and Rural Resources	Construction, Operation, and Decommissioning	<ul style="list-style-type: none"> <li>Loss of lands required for the lease period and farming practices.</li> <li>Potential impacts to drainage systems.</li> <li>Potential impact from soil compaction.</li> <li>Potential impact to crop production and yields.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize disturbance to agricultural lands, drainage systems, soil compaction and crop production.</li> </ul>	<ul style="list-style-type: none"> <li>Siting of Project components in discussion with landowners.</li> <li>Compensation provided to the landowners who have Land Lease Agreements.</li> <li>Construction methods have been included that will avoid impacts to drainage systems and soil compaction thereby minimizing impacts to normal crop production and yields.</li> </ul>	<ul style="list-style-type: none"> <li>During construction the environmental inspector will monitor the drainage and soil remediation measures to be implemented.</li> <li>A landowner complaint procedure will be established.</li> <li>Following construction all site areas will be monitored by qualified professionals for a two year period to ensure that drainage systems are functioning properly and normal crop production is not reduced.</li> </ul> <p><b>Contingency Measures</b></p> <ul style="list-style-type: none"> <li>Additional drainage system repairs as required</li> <li>Additional soil compaction relief measures as required.</li> <li>Crop compensation, if necessary, to landowners.</li> </ul>
Game and Fisheries Resources	Construction, Operation, and Decommissioning	<ul style="list-style-type: none"> <li>Disturbance to game species from noise and maintenance activities</li> </ul>	<ul style="list-style-type: none"> <li>Minimize disturbance.</li> </ul>	<ul style="list-style-type: none"> <li>Keep equipment in good working condition and regularly maintained to minimize noise</li> <li>Minimize impacts to aquatic resources see protection and mitigation measures under water bodies and natural heritage.</li> <li>Schedule construction periods to avoid impacts</li> </ul>	<ul style="list-style-type: none"> <li>Complaint response protocol will be followed</li> </ul>
Provincial and Local Infrastructure and Local Traffic	Construction, Operation, and Decommissioning	<ul style="list-style-type: none"> <li>Negligible increase in traffic during operational phases.</li> <li>Traffic impacts during construction phases.</li> <li>Impacts to structures (i.e. culverts, bridges, watermain, gas, sewers) due to construction traffic loading.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize traffic disturbance.</li> <li>Prevent damage to structures.</li> </ul>	<ul style="list-style-type: none"> <li>The Contractor will implement a traffic management plan</li> <li>Road user agreement anticipated with local municipalities</li> <li>Permits will be obtained for applicable oversize / overweight loads</li> <li>Public notification of non-conventional load movements (if required). Escort vehicles will be used as appropriate</li> <li>Roads will be maintained and any additional repairs necessary will be completed immediately following construction to pre-development conditions or better.</li> </ul>	<ul style="list-style-type: none"> <li>Complaint response protocol will be followed</li> <li>Monitor road conditions weekly during construction and decommissioning</li> <li>Contingency Measures</li> <li>Road maintenance, repair crews and materials to be on standby for repairs as required.</li> </ul>

Affected Environmental Feature(s)	Project Phase	Potential Effects	Performance Objective	Mitigation Strategy	Monitoring Plan and Contingency Measures
Telecommunication Networks	Construction and Operation	<ul style="list-style-type: none"> <li>Potential interference to communication systems, including radar, cellular and broadcasting systems.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize disturbance.</li> </ul>	<ul style="list-style-type: none"> <li>Possible adjustment of turbine locations</li> <li>Curtailment of operations during selected periods</li> <li>Possible location adjustment of turbines, transmission or telecommunication systems or radar installation.</li> </ul>	<ul style="list-style-type: none"> <li>Additional studies to confirm non interference</li> <li>Ongoing communication with impacted agencies to resolve any outstanding issues.</li> </ul>
Aeronautical Systems	Construction and Operation	<ul style="list-style-type: none"> <li>Aeronautical obstruction.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize hazards.</li> </ul>	<ul style="list-style-type: none"> <li>Turbine lighting must conform to Transport Canada standards. Lights would be selected with the minimal allowable flash duration, narrow beam and would be synchronized</li> <li>Nav Canada would be responsible for updating all aeronautical charts with the turbine locations</li> <li>Consideration of radar detection system to eliminate night lights except when aircraft are in the vicinity of the wind farm.</li> </ul>	<ul style="list-style-type: none"> <li>Routine maintenance and repair</li> </ul>
Viewscape / Aesthetics	Construction and Operation	<ul style="list-style-type: none"> <li>Change in viewscape as a result of Project infrastructure.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize disturbance to viewscape.</li> </ul>	<ul style="list-style-type: none"> <li>Northland will consider a tree planting program in selected locations to assist local residents who wish to block views and shadow flicker effects of the wind farm from their properties.</li> <li>Many views of the wind farm cannot be mitigated and changes to the local viewscape cannot be avoided.</li> </ul>	<ul style="list-style-type: none"> <li>A formal complaints procedure will be established. Communication links to service will be provided. Follow-up action and investigation as required.</li> </ul>
Air, Odour, Dust	Construction, Operation, and Decommissioning	<ul style="list-style-type: none"> <li>Air and dust emissions from operation and maintenance vehicles. No odour effects anticipated.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize emissions.</li> </ul>	<ul style="list-style-type: none"> <li>The Contractor would implement good site practices with regard to air which may include: <ul style="list-style-type: none"> <li>Multi-passenger vehicles would be utilized to the extent practical;</li> <li>Company and contractor personnel would avoid idling of vehicles when not necessary;</li> <li>Equipment and vehicles would be turned off when not in use unless required for activities and/or effective operation of the equipment or vehicle;</li> <li>Equipment and vehicles would be maintained in good working order with functioning mufflers and emission control systems as available;</li> <li>All vehicles would be fitted with catalytic converters as required;</li> </ul> </li> <li>The Contractor would implement good site practices with regard to dust which may include: <ul style="list-style-type: none"> <li>Protecting stockpiles of friable material with a barrier;</li> <li>Dust suppression (e.g. water) of source areas;</li> <li>Covering loads of friable materials during transport.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Complaint Response Protocol will be followed</li> </ul>
Environmental Noise	Construction and Operation	<ul style="list-style-type: none"> <li>Noise associated with the operation of turbines and transformer station (all turbines are expected to meet the 40 dBA limit for non-participating noise receptors).</li> <li>Noise emitted from operation/maintenance vehicles.</li> </ul>	<ul style="list-style-type: none"> <li>Minimize noise impacts to meet MOE standards.</li> </ul>	<ul style="list-style-type: none"> <li>Noise levels have been extensively modeled with performance standards established to meet MOE requirements at all facilities</li> <li>Turbines can be adjusted for noise, power levels and operational schedules</li> <li>An acoustical barrier will be supplied for the transformer station</li> <li>Construction equipment to be maintained with normal noise attenuation.</li> <li>Schedule construction work to minimize noise impacts.</li> </ul>	<ul style="list-style-type: none"> <li>Noise levels will be monitored in the field as required</li> <li>Complaints protocol will be established with follow-up investigations and action, as required.</li> </ul> <p><b>Contingency Measures</b></p> <ul style="list-style-type: none"> <li>Adjustments to turbine noise levels and scheduled operations as required.</li> </ul>
Public Safety – Turbine Blade and Structure Failure	Construction and Operation	<ul style="list-style-type: none"> <li>Collapse of turbine tower and/or blade detachment.</li> </ul>	<ul style="list-style-type: none"> <li>No failure of components.</li> </ul>	<ul style="list-style-type: none"> <li>Adherence to setbacks from receptors.</li> <li>Design, install, operate and maintain turbines according to applicable industry standards.</li> <li>Use of lightening protection system.</li> </ul>	<ul style="list-style-type: none"> <li>Regular maintenance and monitoring activities.</li> <li>Emergency Response Plan will be followed.</li> </ul>
Public Safety – Ice Fall and Shed	Operation	<ul style="list-style-type: none"> <li>Accumulation of ice on turbine blades.</li> </ul>	<ul style="list-style-type: none"> <li>Limit ice accumulation.</li> </ul>	<ul style="list-style-type: none"> <li>Adherence to setbacks from receptors.</li> <li>Design of turbine to reduce ice accumulation.</li> <li>Automatic turbine shutdown due to weight imbalances.</li> </ul>	<ul style="list-style-type: none"> <li>Regular maintenance and monitoring activities.</li> <li>Emergency Response Plan will be followed.</li> </ul>

Affected Environmental Feature(s)	Project Phase	Potential Effects	Performance Objective	Mitigation Strategy	Monitoring Plan and Contingency Measures
Public Safety – Stray Voltage and Infra Sound	Operation	<ul style="list-style-type: none"> <li>Potential impacts on public health.</li> </ul>	<ul style="list-style-type: none"> <li>No stray voltage.</li> </ul>	<ul style="list-style-type: none"> <li>Electric and Magnetic Fields - the Project will operate within the range of voluntary standards in North America and as the potential effects themselves from Electric and Magnetic Fields remain inconclusive, no adverse effects on human health are expected from operation of the Project.</li> <li>Research to date has not shown any biological health effects at levels of Low Frequency Noise normally associated with operational turbines. Infrasound is generally much lower than Low Frequency Noise. Infrasonic levels created by wind turbines are often similar to the ambient levels prevalent in the natural environment due to wind. There is no evidence of adverse health effects caused by infrasound.</li> </ul>	<ul style="list-style-type: none"> <li>Complaints Response Protocol will be followed.</li> </ul>
Public Safety – Extreme Weather Events	Construction, Operation, and Decommissioning	<ul style="list-style-type: none"> <li>Potential damage to Project infrastructure.</li> </ul>	<ul style="list-style-type: none"> <li>No damage or structural failure.</li> </ul>	<ul style="list-style-type: none"> <li>Project components have been designed to withstand the effects from extreme events.</li> <li>Design, install, operate and maintain turbines according to applicable industry standards.</li> <li>Failsafe devices are capable of shutting down the turbine blades in the event of excessive wind conditions, imbalance or malfunction of other turbine components.</li> </ul>	<ul style="list-style-type: none"> <li>Regular maintenance and monitoring activities.</li> <li>Emergency procedures and protocols to be established.</li> </ul>
Contaminated Lands – Disposal of wastes	Construction, Operation, and Decommissioning	<ul style="list-style-type: none"> <li>Nuisance refuse dispersed to adjacent properties.</li> <li>Potential contamination to soil, groundwater and/ or surface water resources on or off the Project site.</li> </ul>	<ul style="list-style-type: none"> <li>Proper disposal of waste materials.</li> </ul>	<p>The Contractor would implement a site-specific waste collection and disposal management plan which may include site practices such as:</p> <ul style="list-style-type: none"> <li>Systematic collection of waste and on-site storage in weather protected areas;</li> <li>All waste materials and recycling will be transported off site by private waste material collection contractors licensed with a Certificate of Approval – Waste Management System;</li> <li>Contractors will be required to remove excess materials from the site (such as extra cable, scrap metals, pallets, etc.);</li> <li>Appropriate handling and disposal of all wastes classes according to current provincial standards and guidelines;</li> <li>Disposal of contaminated material (if encountered) to a registered waste facility according to current regulatory standards;</li> <li>Labelling and proper storage of liquid wastes (e.g., used oil, drained hydraulic fluid, and used solvents) in a secure area that will ensure containment of the material in the event of a spill;</li> <li>Any spill that does occur, which could potentially cause an adverse environmental effect, should be reported to the MOE's Spills Action Centre (SAC);</li> <li>Prohibition of dumping or burying wastes within the Project areas;</li> <li>Should contaminated soil be encountered during the course of excavations the contaminated material will be disposed of in accordance with the current appropriate provincial legislation, specifically Ontario Regulation 153/04;</li> <li>Disposal of non-hazardous waste at a registered facility;</li> <li>Disposal of sanitary wastes will be the responsibility of the contracted third party and they will ensure disposal in accordance with appropriate legislation, standards and policies; and,</li> <li>Implementation of an on-going waste management program consisting of reduction, reuse and recycling of material.</li> </ul>	<ul style="list-style-type: none"> <li>Monitoring by the Environmental Inspector to ensure compliance during construction and decommissioning phases.</li> <li>Routine staff waste management procedures and inspection during operational phases.</li> </ul>





## **Appendix G5**

### **Aboriginal Community Open House #1 Display Boards**



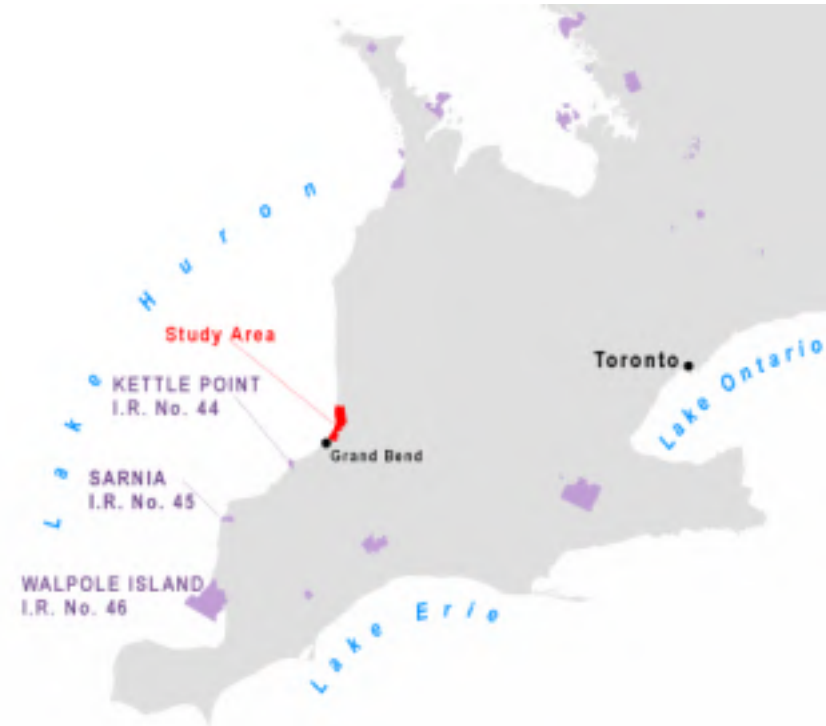
**Grand Bend Wind Farm**  
**Presentation to WIFN**  
**May 23<sup>rd</sup>**

**NEEGAN BURNSIDE**

# Purpose of Today's Meeting



- To provide an overview of the Project participants
- To explain the Project
- To explain the key steps in the Renewable Energy Approvals (REA) Process
- Note: presentation boards and comment sheets are available on the Project website  
<http://grandbend.northlandpower.ca>
- Representatives from Northland Power and Neegan Burnside Ltd. are available to answer your questions and take your comments (during the Open House)



# Grand Bend Wind Limited Partnership

## Wholly Owned Subsidiary of Northland Power Inc



- Since its inception in 1987, Northland Power has developed facilities generating a total of approximately 1,004 MW of electricity.
- Sustainability is a core value at Northland Power:
  - Health and Safety – Northland’s first priority is to ensure their people have the knowledge, tools and time to work safely.
  - Financial – Northland only pursues projects that meet strict return thresholds and have creditworthy customers. Thus they have only paid stable monthly dividends since 1997.
  - Operational – Northland maintain and reinvest constantly in their operating assets for maximum efficiency and economic life.
  - Environmental – Northland Power was founded on the belief that clean and green energy is vital to the future of our planet. Construction and operational practices are engineered to meet the highest environmental standards, even in jurisdictions where lower standards are legislated.
  - Community – Northland invests continuously in its host communities to ensure they remain vibrant, healthy places to live.



# Importance of the Grand Bend Wind Project



- The Province of Ontario is committed to wind power forming part of Ontario's energy mix.
- Wind energy is generating clean electricity, new jobs and economic development opportunities in communities across the country and tax benefits for municipalities.
- Renewable energy is an important tool in our fight to avoid climate change.
- Wind is an affordable source of new energy supply that protects against unpredictable fuel and carbon costs.
- Feed-In-Tariffs are a way of creating a stable market for renewable energy investment by providing predictable revenue to wind producers and increasing their access to financing.



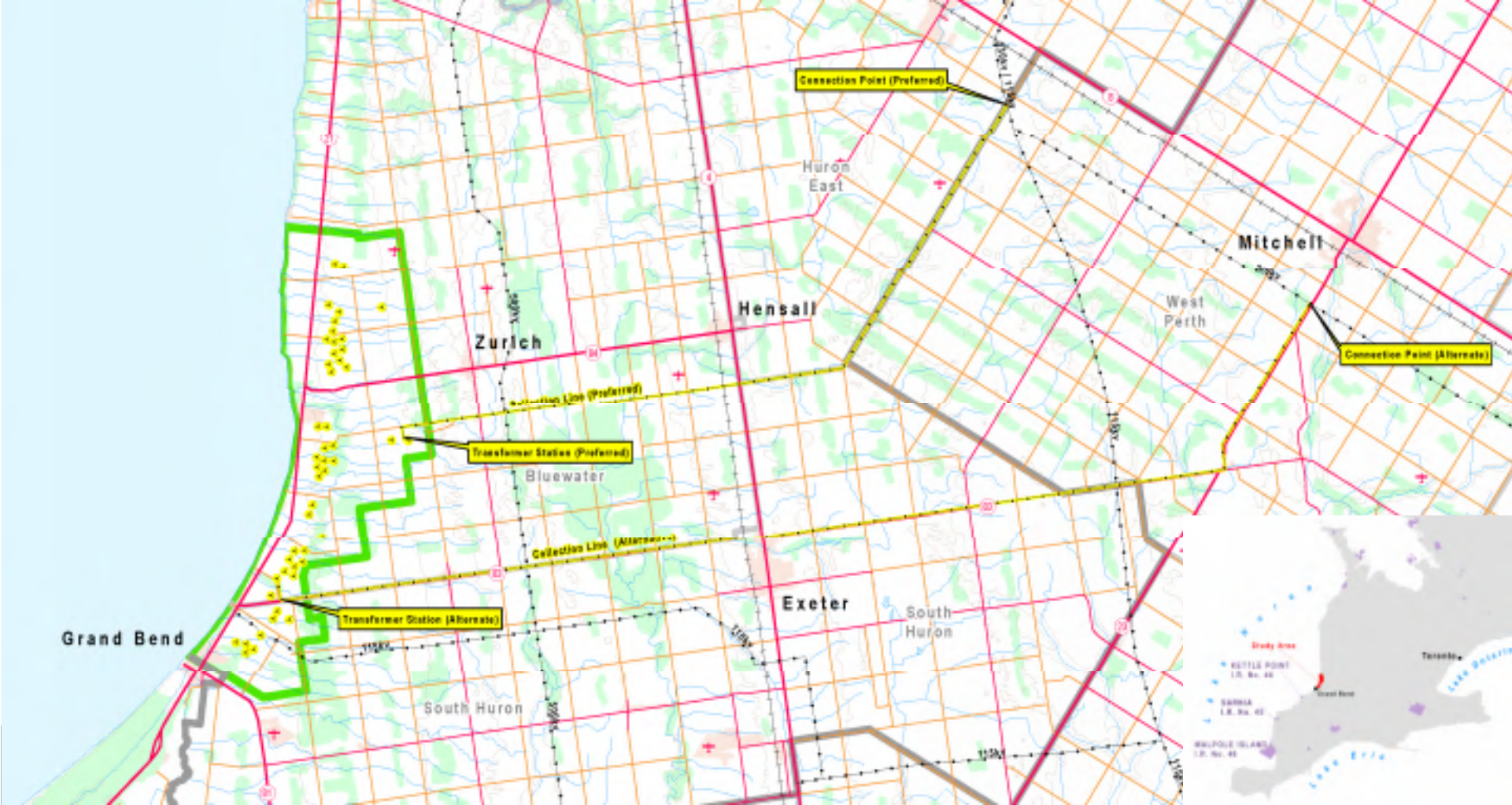
# Project Overview



- The Grand Bend Wind Limited Partnership is proposing to develop a 100 MW wind facility north of Grand Bend, Ontario.
- The Project will include approximately 45-48 turbines, turbine access roads, an underground electrical collection system, new overhead lines within municipal road right of ways and connection to the provincial power grid.
- All turbines are located to the east of Highway 21. The closest turbine is 650 m from the Highway. The majority of the turbines are over 1,000 m from the Highway.
- The Project is located on private land within the County of Huron, spanning the lower-tier Municipalities of Bluewater and South Huron. Portions of the transmission line traverse the municipality of Huron East and municipality of West Perth in Perth County



# Study Area



# Overview of How the Technology Works



- Wind moves over the turbine blades causing a “lift”. This “lift” force results in rotation of the blade assembly.
- Inside the nacelle, the blades propel a shaft that drives a generator through a gearbox and converts the mechanical power to electrical power.
- The electricity is carried down the cables inside the tower to underground distribution lines.
- Transmission lines carry the power to the provincial power grid.



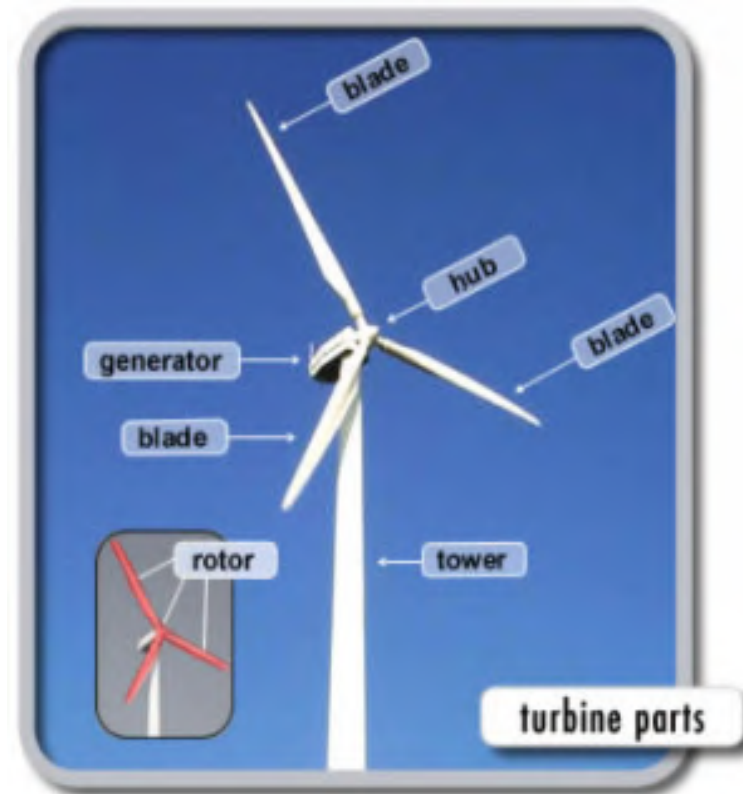


# Facility Components

## Wind Turbines



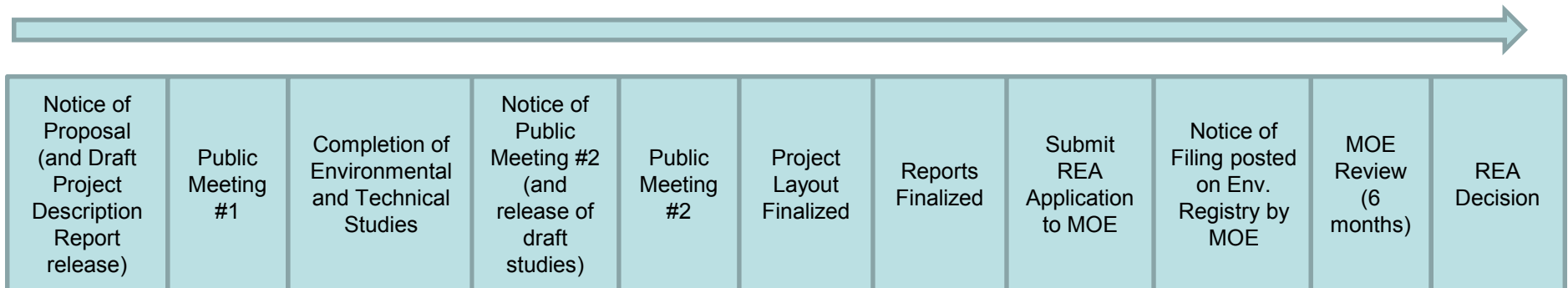
- Siemens SWT-2.3 -113
- Nameplate capacity - 2.3 MW
- Hub height – 99.5 m
- Blade length – 55 m
- Rotor diameter – 113 m
- Rotor sweep area – 10,000 m<sup>2</sup>
- Speed range – 6-13 rpm
- Frequency – 60 Hz



# Renewable Energy Approvals (REA) An Overview



The Project is subject to the REA process, subject to the provisions of the Environmental Protection Act and Ontario Regulation 359/09. The REA process entails consideration of environmental aspects, natural heritage features and water bodies as well as heritage and archaeological resources. In addition, the REA process includes, public, agency and First Nation consultations. Throughout the REA process, Northland Power will do everything in its power to ensure that negative environmental impacts are reduced and/or eliminated.



WE ARE  
HERE

# Key Project Activities



- Construction Phase
  - Temporary staging/laydown areas
  - Permanent construction of access roads, turbine sites, collection system and transmission line
- Operation and Maintenance Phase
  - Remote monitoring
  - Periodic maintenance and testing
- Decommissioning Phase
  - Removal of project components



# Project Schedule



<b>Project Activity</b>	<b>Anticipated Schedule</b>
Issue First Draft Project Description Report	January 2012
REA Technical Studies	Ongoing 2011 through 2012
Public Information Centre #1	Spring 2012
Issue Draft REA Reports to the Public	Late summer 2012
Public Information Centre #2	Late 2012/Early 2013
REA Submission/Approval	Early 2013
Additional Permitting and Approvals Completed	Ongoing 2012 through 2013
Start of Construction	Fall 2013
Commercial Operation Date ("COD")	Fall 2014
Project Operation	2014- 2035
New Contract or Decommissioning	Approximately 20 years after COD



# Next Steps



- Continue Fieldwork
- Continue Consultation with Stakeholders
- Finalize Site Layout
- Issue Draft REA Reports for Review (Archaeology, Construction Plan, Decommissioning, Design and Operations, Natural Heritage, Project Description, Wind Turbine Specification)
- Undertake Second Public Information Centre
- Submit REA Package to the Ministry of Environment for Approval



# Contact Information



- If you have any questions or concerns regarding the proposed project, Please feel free to contact:

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NEEGAN BURNSIDE