



**Stantec**

**SUNCOR ENERGY  
CEDAR POINT WIND POWER PROJECT  
CONSULTATION REPORT**

File No. 160960709  
April 2013

Prepared for:

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## Executive Summary

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Suncor Energy Products Inc. (“Suncor”) is proposing to develop the Suncor Energy Cedar Point Wind Power Project (the Project) within the Town of Plympton-Wyoming, the Municipality of Lambton Shores, and Warwick Township all within Lambton County, Ontario. The proposed Project was awarded a Feed-In-Tariff (FIT) contract with the Ontario Power Authority (OPA) in July, 2011 for up to 100 MW (FIT Contract F-002175-WIN-130-601).

It is envisioned that the proposed Project will include up to 46 wind turbines. The proposed Project would also include access roads, meteorological towers (met towers), electrical collector lines, substation, and a 115 kV transmission line. Suncor has elected to assess and seek approval for some alternative wind turbine locations. The Renewable Energy Approval (REA) application will consider up to nine (9) alternative turbine locations. Final selection of the turbine sites will be determined prior to Project construction and will be based on consultation activities, potential effects assessments, and detailed design / engineering work.

Suncor has retained Stantec Consulting Ltd. (Stantec) to prepare a REA application, as required under Ontario Regulation 359/09 - Renewable Energy Approvals under Part V.0.1 of the Act of the *Environmental Protection Act* (O. Reg. 359/09). According to subsection 6(3) of O. Reg. 359/09, the Project is classified as a Class 4 Wind Facility. This Consultation Report is one component of the REA application for the Project, and has been prepared in accordance with O. Reg. 359/09, the Ontario Ministry of Natural Resources’ (MNR’s) *Approval and Permitting Requirements Document for Renewable Energy Projects* (September 2009), and MOE’s “Technical Guide to Renewable Energy Projects”.

Specifically, with respect to the requirements outlined in O. Reg. 359/09 and the technical guide, the following table summarizes the documentation requirements of the REA application and the applicable section reference within this document which addresses the requirements.

**Consultation Report Requirements (as per O. Reg. 359/09 – Table 1)**

Requirements	Completed	Section Reference
Set out information relating to consultations conducted in respect of the renewable energy project, including the following: 1. A summary of communication with any members of the public, aboriginal communities, municipalities, local roads boards and Local Services Boards regarding the project.	✓	2.0 – 4.0
2. Evidence that the information required to be distributed to aboriginal communities under subsection 17 (1) was distributed.	✓	4.0 and Appendix F
3. Any information provided by an aboriginal community in response to a request made under paragraph 4 of subsection 17 (1).	✓	Appendix F

**Consultation Report Requirements (as per O. Reg. 359/09 – Table 1)**

<b>Requirements</b>	<b>Completed</b>	<b>Section Reference</b>
4. Evidence that a consultation form was distributed in accordance with subsection 18 (1)	✓	3.1.1 and Appendix E
5. The consultation form distributed under subsection 18 (1), if any part of it has been completed by a municipality, local roads board or Local Services Board.	✓	3.1 and Appendix E
6. A description of whether and how, i. comments from members of the public, aboriginal communities, municipalities, local roads boards and Local Services Boards were considered by the person who is engaging in the project,	✓	2.0 – 4.0
ii. the documents that were made available under subsection 16 (5) were amended after the final public meeting was held, and	✓	2.4.2
iii. the proposal to engage in the project was altered in response to comments mentioned in subparagraph i.	✓	2.4 and 3.0
7. A description of the manner in which the location of the wind turbines was made available to the public, if a person proposing to engage in a project in respect of a class 4 or 5 wind facility relied on paragraph 4 of subsection 54 (1.2) or paragraph 4 of subsection 55 (2.2).	✓	2.3.1 and 2.3.3 and Appendix D
8. If paragraph 7 applies, proof of the date on which the location of the wind turbines referred to in that paragraph was made available to the public.	✓	2.3.1 and 2.3.3 and Appendix D

Suncor has conducted a comprehensive stakeholder consultation program that began in the winter of 2011 under O. Reg. 359/09 and has identified the key issues of interest to the local community and incorporated them into the Project design where possible. This includes a reduction in the total number of proposed turbine locations from 80 to 55 (up to 46 plus 9 alternative). The consultation program involved a total of eight public meetings and opportunities for stakeholders, agencies and aboriginal communities to provide comments and concerns including a review of Draft Renewable Energy Approval reports (released to the public in January 2013). Consultation efforts undertaken by Suncor will continue with Project stakeholders during all phases of the Project including providing Project updates on the Project website and the implementation of a communication plan to continually address stakeholder concerns. With an anticipated presence in the community over the long term, Suncor will continue to develop local relationships and channels of communication, which they anticipate will benefit the local area.

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## **1.0 Project Overview**

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Suncor Energy Products Inc. (“Suncor”) is proposing to develop the Suncor Energy Cedar Point Wind Power Project (the Project) within the Town of Plympton-Wyoming, the Municipality of Lambton Shores, and Warwick Township all within Lambton County, Ontario. The proposed Project was awarded a Feed-In-Tariff (FIT) contract with the Ontario Power Authority (OPA) in July, 2011 for up to 100 MW (FIT Contract F-002175-WIN-130-601).

It is envisioned that the proposed Project will include up to 46 wind turbines. The proposed Project would also include access roads, meteorological towers (met towers), electrical collector lines, substation, and a 115 kV transmission line. Suncor has elected to assess and seek approval for some alternative wind turbine locations. The Renewable Energy Approval (REA) application will consider up to nine (9) alternative turbine locations. Final selection of the turbine sites will be determined prior to Project construction and will be based on consultation activities, potential effects assessments, and detailed design / engineering work. The Project site plan is provided in the **Project Description Report**.

Suncor has retained Stantec Consulting Ltd. (Stantec) to prepare a REA application, as required under Ontario Regulation 359/09 - Renewable Energy Approvals under Part V.0.1 of the Act of the *Environmental Protection Act* (O. Reg. 359/09). According to subsection 6.(3) of O. Reg. 359/09, the Project is classified as a Class 4 Wind Facility. This Consultation Report is one component of the REA application for the Project, and has been prepared in accordance with O. Reg. 359/09, the MNR’s APRD, and the Ministry of the Environments’ (MOE) “Technical Guide to Renewable Energy Approvals”.

## 2.0 Consultation Process

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### 2.1 COMMUNICATION TOOLS

Suncor utilized various communication tools for both disseminating Project information to, and collecting information from, interested parties, including but not limited to, the public, Aboriginal communities, agencies, provincial and federal elected officials and local municipalities and the County.

The communication tools used for the Project included:

- Project notices published in local newspapers (Official REA notices and “reader friendly” advertisements)(see **Appendix B**);
- Direct mailings to assessed landowners in the Project Boundary (in excess of 550 m from the Project Location) and to interested stakeholders who had requested to be added to the contact list;
- Issued a renewable energy “In Your Community” newsletter distributed in winter of 2012 (see **Appendix B**), another newsletter will be issued in the summer of 2013;
- Eight (8) Public Meetings (see **Appendix C**);
- Public Meeting feedback forms (responses to comments were summarized and posted on the website – see below);
- On-site meetings with landowners;
- Landowner appreciation dinners (two);
- Presentations to local Council members and municipal planners;
- A Project website (<http://www.suncor.com/cedarpointwind>);
- A Project e-mail address ([CedarPoint@suncor.com](mailto:CedarPoint@suncor.com));
- A dedicated stakeholder telephone line (1-866-344-0178); Mailing addresses and phone numbers for both Suncor and Stantec key contacts;
- Meetings with local community members, Aboriginal communities, municipal staff and meetings with other wind developers in the community; and,
- Engaging in public policy and public outreach and education initiatives (including program funding through Suncor’s Energy Foundation, site tours and presentations at universities).

Contact information for Project representatives was provided on all Project communications provided to the public. In addition to the public meetings described below, Suncor staff also met with several landowners and residents in person throughout the development of the Project.

## **2.2 PROJECT CONTACT LIST**

A Project contact list was developed during the initiation of the Project, and updated as required to identify mandatory and other key contacts that may have a potential interest in the Project. The Project contacts lists are provided in **Appendix B** and include agencies, municipalities, and Aboriginal communities. To protect the privacy of personal information of stakeholders including assessed landowners, copies of the assessed landowner and stakeholder distribution lists have not been provided as part of this report.

### **2.2.1 Assessed Landowners**

For the purposes of the identification of Project stakeholders, a “Project Boundary” was determined at the outset of the Project which encompassed all of the Project Location plus additional lands (sometimes in excess of 2 km) surrounding the Project Location (well beyond the minimum requirement of 550 m from the Project Location as stated within O. Reg. 359/09). The Project Location includes all land and buildings/structures associated with the Project and any air space in which the Project will occupy. All assessed landowners within the Project Boundary were added to the Project’s stakeholder contact list and were provided with notifications throughout the development of the Project. Mailing information for assessed landowners was obtained from municipal property assessment information.

### **2.2.2 Municipalities**

The Project is located within the Town of Plympton-Wyoming, the Municipality of Lambton Shores, and Warwick Township all within Lambton County and were all included on the Project’s agency contact list. All were engaged by Suncor throughout the development of the Project including being provided with Project related REA Reports and the Municipal Consultation Form as required by O. Reg. 359/09.

### **2.2.3 Aboriginal Communities**

As per O. Reg. 359/09, a draft Project Description Report was sent to the Director of the MOE in order to obtain the Aboriginal Communities List (**Appendix E**). The list was received from the MOE on December 8, 2011.

The following Aboriginal communities were identified by the MOE:

- Chippewas of Kettle and Stony Point
- Chippewas of the Thames First Nation
- Aamjiwnaang First Nation



- Bkejwanong Territory Walpole Island First Nation
- Oneida Nation of the Thames
- Munsee-Delaware Nation
- Delaware Nation Moravian of the Thames

See **Section 4.0** for a detailed description of the activities undertaken as part of the Aboriginal consultation process undertaken by Suncor throughout the development of the Project.

**2.2.4 Updates to the Project Contact Lists**

The Project’s stakeholder contact list was continually updated throughout the REA process. Additions occurred primarily as a result of attendance at the Public Meetings, or as a result of requests received via e-mail, telephone calls and as a result of personal interactions. Additions were also made at the time the Project boundary was extended into Warwick Township. At an individual’s request, their name was either added to or removed from the Project contact list. Changes to the Project contact lists for agencies, municipalities and Aboriginal communities were generally made by Suncor at the direction of these groups.

**2.3 PROJECT NOTICES**

The following describes the Notices which were published and distributed at key Project milestones in accordance with the consultation requirements of O. Reg. 359/09. In addition, Suncor also published reminder/friendly ads in the newspapers listed below prior to key events such as public meetings, typically one to two weeks in advance.

**2.3.1 Notice of Proposal and Public Meeting (Lambton Shores and Plympton-Wyoming)**

The combined Notice of Proposal to Engage in a Project and Notice of Public Meeting was published in local newspapers in March 2012 (see **Appendix B**). The purpose of the Notice was to advise stakeholders of the Project being initiated under the REA process and to notify stakeholders regarding upcoming public meetings (first round of meetings) to be held on April 18 and 19, 2012. The Notice also advised stakeholders of the release of a Draft Project Description Report and it’s availability for viewing prior to the public meetings (on the Project website, at the Town of Plympton-Wyoming Office, and the Municipality of Lambton Shores Office). It is important to note that at the time of release of this Notice and the first round of public meetings in April 2012, the Project was not located in Warwick Township.

**Table 2.1: Newspaper Distribution of the Notice of Proposal and Public Meeting (Lambton Shores and Plympton-Wyoming)**

<b>Newspaper</b>	<b>Published Date</b>
Forest Standard (weekly -Thursday)	March 22, 2012
Parkhill Gazette (weekly- Thursday)	March 22, 2012
Sarnia Observer (daily)	March 17, & March19, 2012

The Notice was also directly mailed or e-mailed (where preferred) during the week of March 17, 2012, to the Project contact lists including provincial and federal agencies, municipalities (with a cover letter), Aboriginal communities (with a cover letter), and Project stakeholders.

### **2.3.2 Notice of Proposal and Public Meeting (Warwick Township)**

In the summer of 2012, the Project boundary was revised as a turbine was being proposed within Warwick Township. As a result of this decision, Warwick Township was added to the Project's agency contact list and were fully engaged as part of the municipal consultation process as required by O. Reg. 359/09 including being provided the Municipal Consultation Form. A combined Notice of Proposal to Engage in a Project and Notice of Public Meeting was published in local newspapers in July 2012 (see **Appendix B**). The purpose of the Notice was to advise stakeholders of the Project being initiated under the REA process and to notify stakeholders regarding an upcoming public meeting (the first within Warwick Township) to be held on August 23, 2012. The Notice also advised stakeholders of the release of a Draft Project Description Report and it's availability for viewing prior to the public meeting (on the Project website and at the Warwick Township Office).

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**Table 2.2: Newspaper Distribution of the Notice of Proposal and Public Meeting (Warwick Township)**

<b>Newspaper</b>	<b>Published Date</b>
Forest Standard	July 12, & July 19, 2012
Parkhill Gazette	July 12, & July 19, 2012
Sarnia Observer	July 12, & July 19, 2012
Watford Guide Advocate	July 12, & July 19, 2012

The Notice was also directly mailed or e-mailed (where preferred) during the week of July 12, 2012, to the Project contact lists including provincial and federal agencies, municipalities (with a cover letter), Aboriginal communities (with a cover letter), and Project stakeholders.

### **2.3.3 Notice of Public Meeting**

A Notice of Public Meeting (for the second round of public meetings in Plympton-Wyoming and Lambton Shores) was published in July 2012, more than thirty (30) days prior to the Public Meetings held on August 21 and 22, 2012. See **Appendix B** for the Notice of Public Meeting. The Notice advised stakeholders of the upcoming public meetings and the release of an updated Draft Project Description Report and it's availability for viewing prior to the public meetings (on the Project website, at the Town of Plympton-Wyoming Office, and the Municipality of Lambton Shores Office).

**Table 2.3: Newspaper Distribution of the Notice of Public Meeting**

<b>Newspaper</b>	<b>Published Date</b>
Forest Standard	July 12, & July 19, 2012
Parkhill Gazette	July 12, & July 19, 2012
Sarnia Observer	July 12, & July 19, 2012
Watford Guide Advocate	July 12, & July 19, 2012

The Notice was also directly mailed or e-mailed (where preferred), the week of July 12, 2012, to the Project contact lists including provincial and federal agencies, municipalities (with a cover letter), Aboriginal communities (with a cover letter), and Project stakeholders.

**2.3.4 Notice of Draft Site Plan**

On August 17, 2012, Suncor published a Notice of Draft Site Plan in all three local municipalities (see **Appendix B**). The purpose of the Notice was to publicly advise stakeholders of the release the Draft Site Plan and a corresponding Draft Site Plan Report. As indicated in the Notice, the Draft Site Plan Report was made available for public viewing on the Project website, at the Town of Plympton-Wyoming Office, Warwick Township Office, and the Municipality of Lambton Shores Office. The legal effect of the Notice was such that pursuant to Section 54 of the Regulation, Suncor had to take into account noise receptor as defined by the Act that existed as of the day before Suncor published the Notice on August 17, 2012.

**Table 2.4: Newspaper Distribution of the Notice of Draft Site Plan**

<b>Newspaper</b>	<b>Published Date</b>
Forest Standard	August 22, 2012
Parkhill Gazette	August 22, 2012
Watford Guide Advocate	August 22, 2012
Sarnia Observer	August 17, 2012

The Notice was also directly mailed or e-mailed (where preferred), the week of August 17, 2012, to the Project contact lists including provincial and federal agencies, municipalities (with a cover letter), Aboriginal communities (with a cover letter), and Project stakeholders. A copy of the Draft Site Plan Report was also provided to each Aboriginal community and to the Director of the MOE.

**2.3.5 Notice of Revised Draft Site Plan and Final Public Meeting**

The Notice of Revised Draft Site Plan and Final Public Meeting were published in January 2013; more than sixty (60) days prior to the Final Public Meetings to be held on April 2-4, 2013 (see

**Appendix B).** The purpose of the Notice was to advise stakeholders of the release of the Draft REA Reports for 60-day review, to publicise the date of the final public meetings, and to publicly release the Revised Draft Site Plan and corresponding Revised Draft Site Plan Report. The legal effect of the Notice was such that for the purposes of the 550 m setback prohibition (subsection 54 (1) in O. Reg. 359/09), Suncor had considered all noise receptors (as that term is defined in O. Reg. 359/09) existing on the day before the original Notice of Draft Site Plan was published (August 17, 2012). By releasing the Notice, Suncor was not required to consider any new noise receptors in respect of the Project that came into existence after August 17, 2012.

As indicated in the Notice, the Draft REA Reports and Revised Draft Site Plan Report were made available for public viewing on the Project website, at the Town of Plympton-Wyoming Office, Warwick Township Office, and the Municipality of Lambton Shores Office. The Notice also identified a deadline of April 5, 2013 for comments to be received from Project stakeholders in order for comments to be included as part of the REA consultation record.

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**Table 2.5: Newspaper Distribution of the Notice of Revised Draft Site Plan and Final Public Meeting**

<b>Newspaper</b>	<b>Published Date</b>
Forest Standard	January 31, 2013
Parkhill Gazette	January 31, 2013
Watford Guide Advocate	January 31, 2013
Sarnia Observer	February 1, 2013

The Notice was also directly mailed or e-mailed (where preferred), the week of January 31, 2013, to the Project contact lists including provincial and federal agencies, municipalities (with a cover letter), Aboriginal communities (with a cover letter), and Project stakeholders. A copy of the Draft REA Reports and Revised Draft Site Plan Report were also provided to each Aboriginal community. The Revised Draft Site Plan Report was also provided to the Director of the MOE.

After the Notices were released in the newspaper, Suncor received feedback from a local stakeholder expressing concern about the timing of the Public Meeting in Forest on April 3 (from 3:30 to 6:30pm) indicating that many residents (including farmers) would not be able to make the meeting in time. In response, Suncor moved the location and time to accommodate this request. As a result, Suncor's Public Meeting on April 3 was changed to a new time and location. A revised Notice was published in the local newspapers.

**Table 2.6: Newspaper Distribution of the Notice of Revised Final Public Meeting Location**

<b>Newspaper</b>	<b>Published Date</b>
Forest Standard	March 7 and March 14, 2013
Parkhill Gazette	March 7 and March 14, 2013
Watford Guide Advocate	March 7 and March 14, 2013
Sarnia Observer	March 7, 2013

## 2.4 PUBLIC MEETINGS

Over the course of the Project, eight (8) separate public meetings were held for the Project to provide opportunities for Project stakeholders to review Project materials and directly discuss any concerns with Project representatives. This included opportunities for stakeholders to review Draft Site Plans and provide direct input into the potential locations of Project infrastructure. The following provides details related to the eight public meetings that were held and key outcomes/changes to the Project as a result of discussions with Project stakeholders.

### 2.4.1 April 18 and 19, 2012 Public Meetings

Public meetings were held April 18 (in Plympton-Wyoming) and April 19 (in Lambton Shores), 2012, to introduce the Project including a Project Boundary, a Transmission Routing Area, the REA process, and the Project team to the local communities. Given that the Project was in the early stages of development, the meetings also provided community members the opportunity to provide their input early into the Project so that their comments, issues and concerns could be incorporated into the Project design, where possible.

Display boards provided background information on Suncor, an overview of the Project, information on the REA process, and specific technical information. In addition, a Project Boundary map and the Draft Project Description Report were available for community members to review.

**Table 2.7: April 18 and 19 Public Meetings: Key Information**

<b>Municipality</b>	Plympton-Wyoming and Lambton Shores
<b>Attendees</b>	Approximately 325 and 130
<b>Information Presented and Made Available</b>	<ul style="list-style-type: none"> <li>• Display boards</li> <li>• Draft Project Description Report</li> <li>• Project Contact Information and comment cards; academic and industry studies, and Project fact sheets</li> <li>• Suncor and Stantec staff</li> </ul>

Information captured from the public meetings was considered by the Project team during Project planning and siting (as appropriate) and within the REA Reports. A themed summary of all comments received from the meetings along with the related responses are provided in **Appendix C** (see April 18 and 19, 2012 Public Meeting Comment Response Table) and hard copies were made available at the next open house and were posted on Suncor's website.

The public brought forth their concerns for potential health effects from the wind turbines, the potential locations of turbines as well as loss in property values and compensation. It was communicated that Suncor has been part of the Canadian wind industry for more than 10 years and continues to monitor studies and scientific information related to health effects and wind power projects. The Ontario Chief Medical Officer's report concluded that low frequency sound and infrasound from current generation upwind model turbines are well below the pressure sound levels at which known health effects occur. A 3<sup>rd</sup> party health expert was available at the public meeting to address questions related to specific health related questions. Suncor is committed to working with all stakeholder groups and regulators to minimize the impacts of their activities.

In 2012, Health Canada, in collaboration with Statistics Canada, announced that it will conduct a research study to explore the relationship between wind turbine noise and health effects reported by, and objectively measured in, people living near wind power developments. Suncor is supportive of additional peer reviewed scientific studies on the topic. Suncor is committed to improving our best practices of wind power project design and operation as these studies draw conclusions on the topic.

With respect to property values, there are conflicting views on the effects of wind power projects on property value. To date, Suncor is not aware of any published studies that have shown long term decreases in property values. However, Suncor is aware of three Ontario studies which indicate that there was no decrease in the property value due to the construction of wind power projects in the areas of study. In addition, REMAX Market Trends Farm Edition 2011, indicated significant increases in the price of farmland from 2010 values across Ontario. The report also mentioned that additional sources of income from solar panels, windmills and gas leases can potentially net the average farm additional income above and beyond crop value on their land, which in part, has contributed to increases in farmland prices.

It was also communicated that Suncor was proposing up to 62 turbine locations (none of which had yet been determined prior to the meeting) and the final number of turbines and potential locations would be dependent upon selection of make and model of the wind turbine most appropriate for the proposed Project. In the event that not all 62 proposed turbine locations were required, stakeholders were advised that the final selection of the turbine sites would be based on the results of consultation activities, potential effects assessments, and detailed design / engineering work. Feedback was primarily related to concerns over the placement of turbines near the lakeshore and around built up communities such as Forest and Camlachie. Following the public meeting and in part based upon feedback received from the public meetings, a Draft Site Plan was released on August 17, 2012 (see Section 2.3.4 for additional

details). The Draft Site Plan also took into account areas that had been identified as provisional areas for urban expansion, primarily located along the lakeshore and around the town of Forest. The provisional areas for urban expansion proposed by Suncor are based on a map previously published by the Municipality of Lambton Shores in their Official Plan set out as Schedule C and a 600 m setback from 4 or more contiguous residential properties in Plympton-Wyoming as stated in their 2007 zoning bylaws as they relate to wind turbines. Suncor committed to propose all turbines outside of the provisional areas for urban expansion given the concerns brought forth by stakeholders at the public meetings.

**2.4.2 August 21, 22, and 23, 2012 Public Meetings**

Public meetings were held August 21 (in Plympton-Wyoming), August 22 (in Lambton Shores), and August 23 (in Warwick Township), 2012, to provide a Project update to stakeholders including the copies of the recently released Draft Site Plan. Feedback from the first public meetings indicated that residents wanted to know the location of each turbine. A decision was made to host public meetings immediately following the release of Suncor’s Draft Site Plan. In addition, a summer public meeting also allowed for seasonal residents (who own cottages) to participate. These were the second round of public meetings in Plympton-Wyoming and Lambton Shores and it was the first public meeting in Warwick Township (as no Project infrastructure was envisioned to be within Warwick Township at the time of the April 2012 public meetings).

Display boards provided information about the Project, information on the REA process, and specific technical information such as the results of the natural heritage records reviews. In addition, the Draft Site Plan and corresponding Draft Site Plan Report were available for community members to review.

**Table 2.8: August 21, 22, and 23, 2012 Public Meetings: Key Information**

<b>Municipality</b>	Plympton-Wyoming , Lambton Shores, Warwick Township
<b>Attendees</b>	Approximately 150 , 75, and 20
<b>Information Presented and Made Available</b>	<ul style="list-style-type: none"> <li>• Display boards</li> <li>• Draft Project Description Report</li> <li>• Draft Site Plan Report</li> <li>• Project Contact Information and comment cards; academic and industry studies, and Project fact sheets</li> <li>• Suncor and Stantec staff</li> </ul>

The Draft Site Plan presented at the public meetings included 80 possible turbine locations and two potential transmission line routes. Suncor indicated that the Project would include up to 62 turbine locations and that the final selection of the turbine sites and transmission line route would be based on the results of consultation activities (including feedback from the August public meetings), potential effects assessments, and detailed design / engineering work. Suncor identified that a turbine technology had not been finalized and as a result it was possible

that the final number of turbines could be reduced below 62 if a larger capacity turbine was selected. Suncor specifically sought feedback regarding the proposed turbine locations including the 18 alternate locations and as part of the comment card provided to stakeholders, Suncor requested stakeholders to identify any concerns they had regarding a turbine location or group of turbines and the reason for their concerns. Similar to the April 2012 public meetings, feedback was primarily related to concerns over turbines located in the northwest corner of the Project Boundary near the lakeshore, near the vicinity of schools and around the towns of Forest and Camlachie.

Following a review of the comments received from Project stakeholders, a revised Draft Site Plan was issued (January 2013). In an effort to optimize the Project site plan, minimize the amount of infrastructure proposed within road rights-of-way, and to reduce the number of proposed turbines in recognition of public comments and the selection of a turbine supplier, Suncor issued a Revised Draft Site Plan which included up to 46 wind turbines plus an additional nine alternate turbine locations. In addition to turbine locations a primary and alternative route for the overhead transmission line is shown on the Revised Draft Site Plan which commences from the substation (near Fuller Road and Cedar Point Line) and is completed where it connects into a proposed transmission facility by Jericho Wind Inc. (near Thompson Line and Army Camp Road).

In response to feedback collected at the second public meetings, Suncor selected the Siemens SWT-2.3-113 wind turbine technology for the project so that the 100 MW project capacity could be fulfilled with fewer turbines (up to 46 turbines instead of 62). A total of 27 turbine locations were dropped from the Project layout and two locations were added. Details of the changes incorporated into the Revised Draft Site Plan are provided in **Appendix C** (figure located prior to the Final Public Meeting Summary Table).

In response to stakeholder feedback about the visual impact of the Project Suncor commissioned TrueScape to complete a series of digital visualizations (**Appendix G**). Suncor is preparing to have these visualizations uploaded on their website. The visualizations included:

- A digital drive through recreation of the Project that includes animated turbines and digital landscape recreation. The result is a “digital drive through” of the project that demonstrates how the project will look based on driving a vehicle down 4 different driving routes. The routes were chosen to reflect main roads, stakeholder concerns and chosen to demonstrate areas with multiple turbines visible.
- Suncor produced seven photo simulations. The photo simulations demonstrate how the project will look from key project viewpoints. Photographs were taken and turbine models superimposed on the photograph based on exact turbine dimensions. The images will provide stakeholders an estimate of what the project will look like before it is constructed.



**2.4.3 April 2, 3, and 4, 2013 Public Meetings**

Final public meetings for the Project were held on April 2<sup>nd</sup> (third meeting in Plympton-Wyoming), 3<sup>rd</sup> (third meeting in Lambton Shores), and 4<sup>th</sup> (second meeting in Warwick Township), 2013. The purpose of the final public meetings were to provide the updated Project layout that had been updated in part based on previous stakeholder comments and to provide an opportunity for members of the public to ask questions related to the Project and specifically the Draft REA Reports which were released for review on January 31, 2013. Display boards and copies of the Draft REA Reports and Revised Draft Site Plan Report were made available for review and comment.

**Table 2.9: April 2, 3, and 4, 2013 Public Meetings: Key Information**

<b>Municipality</b>	Plympton-Wyoming , Lambton Shores, Warwick Township
<b>Attendees</b>	Approximately 375 , 130, and 75
<b>Information Presented and Made Available</b>	<ul style="list-style-type: none"> <li>• Display boards</li> <li>• Draft REA Reports</li> <li>• Updated Draft Site Plan</li> <li>• Visual Simulations</li> <li>• Project Contact Information and comment cards; academic and industry studies, and Project fact sheets</li> <li>• Suncor and Stantec staff</li> </ul>

Previous comments from stakeholders related to viewscape changes were considered by Suncor and based on the comments, Suncor commissioned visual simulations from various vantage points throughout the Project Location. In addition, drive through animations were also prepared which depicted the Project from views as if a person was driving various roads through the Project area. This “digital drive through” and the seven photo simulations were available via television, iPads and large scale photographs and were displayed at the public meeting and are contained in **Appendix G**.

To address stakeholder concerns related to the potential noise output of the Project, a large map complete with aerial photographs with receptors, turbine locations, and noise contours was displayed at the public meetings (same maps as provided within the Noise Impact Assessment).

At the closing of the final public meeting, Suncor representatives were presented with approximately 564 form letters of objection from members of WAIT-PW (We’re Against Industrial Turbines – Plympton Wyoming) and from local residents that were collected over the course of the final public meetings (April 2-4, 2013) and that were received through Suncor’s email ([cedarpoint@suncor.com](mailto:cedarpoint@suncor.com)) until April 9<sup>th</sup>, 2013. An example of this form letter is found in **Appendix C**. At the same time, WAIT-PW also presented Suncor with a copy of their petition that was presented to MPP Bob Bailey and sent to Ms. Dumais and Ms. Garcia-Wright at the Ministry of the Environment and to the Legislative Assembly of Ontario in March, 2013. Approximately 2,500 signatures were included from individuals within Suncor’s project

boundaries and from outside the project area (approximately 4% of the signatures) (e.g. from Windsor, Sarnia, London, Wallaceburg, Corunna, Guelph, Melbourne, Bradford, Kitchener, etc.).

The petition read as follows:

*To the legislative assembly of Ontario,*

- *Whereas, local citizen's wishes regarding the development of wind turbines in their vicinity are not being properly consulted or informed.*
- *Whereas, local government decision making in regard to wind turbines has been rendered powerless.*
- *Whereas, wind turbines have been divisive in other Ontario communities.*
- *Whereas, electricity costs in Ontario have escalated since the introduction of the Green Energy Act.*
- *We, the undersigned, call upon the Legislative Assembly of Ontario to demand that no further development of Industrial Wind Turbines take place until citizens are properly consulted and informed, and local government processes respected.*

Information captured from the final public meetings as well as comments received during the review of Draft REA Reports was considered by the Project team when finalizing the Project's REA Reports, as appropriate. A themed summary of all comments received from the public meetings along with the related responses are provided in **Appendix C** and can be found on the Project website.

Various comments were collected from the public meetings which identified certain turbine locations that were being objected to by stakeholders for various reasons. Suncor will consider these requests along with engineering inputs prior to determining which of the 46 wind turbines to construct for the Project. Suncor will also continue to take stakeholder input (including those provided by local municipalities) into consideration regarding transmission line routing as well as underground collector lines proposed within road right of ways.

### **3.0 Municipal and Agency Consultation**

#### **3.1 MUNICIPAL CONSULTATION**

##### **3.1.1 Notices and Municipal Consultation Form**

Municipal consultation occurred with the Township of Plympton-Wyoming, Municipality of Lambton Shores, Warwick Township and Lambton County throughout the development of the Project. All three local municipalities and the County were sent all mandatory notices and Project documents throughout the REA process. In addition to Project notifications such as the Notice of Proposal and Public Meetings, in accordance with O. Reg. 359/09 s. 18(2), a Municipal Consultation Form (MCF) along with the required corresponding reports were provided at the following milestones to assist in initiating discussions with all parties.

**Table 3.1: Municipal Consultation Form Delivery**

<b>Date</b>	<b>Provided To</b>	<b>Reports Attached</b>	<b>Project Milestone</b>
March 15, 2012	Plympton-Wyoming, Lambton Shores, Lambton County	Draft Project Description Report	At least 30-days prior to the first public meetings
July 11, 2012	Warwick Township	Draft Project Description Report	At least 30-days prior to the first public meeting in Warwick Township
July 11, 2012	Plympton-Wyoming, Lambton Shores, Lambton County	Updated Draft Project Description Report (to reflect the addition of Warwick Township)	At least 30-days prior to the second round of meetings in Lambton Shores and Plympton-Wyoming
September 10, 2012	All	Draft REA Report package	At least 90-days prior to the final public meetings

**The Draft REA reports and the updated MCF provided on September 10, 2012 were provided approximately seven (7) months prior to the final public meetings being held in April 2013.**

A copy of the Municipal Consultation Forms that was provided is included in **Appendix E**. At the time of the finalization of this Consultation Report, no completed Municipal Consultation Forms were received from the local municipalities and County. However, Suncor is committed to ongoing dialogue with the local municipalities and County and will address future comments documented within the Municipal Consultation Forms, when provided. During face-to-face discussions and through email, Suncor understands that the Municipality of Lambton Shores is finalizing their comments and the Town of Plympton-Wyoming has requested an additional month to provide their comments. Updates regarding any future discussions will also be provided to the MOE.

### **3.1.2 Overview of Municipal Discussions**

Suncor is interested in developing long term relationship within communities in which they operate. In this way, regular contact was made with the Municipalities and County staff including telephone calls, emails and face-to-face meetings. Throughout the design of the Project, the Municipalities/Townships and County were contacted at regulated milestones (such as the release of Draft REA documents for 90-day review). Telephone calls and emails were made to alert staff prior to key documents being delivered to help with the understanding of the REA process and key dates associated with the review of Project documents. Suncor worked to ensure that comments received throughout the process were incorporated into the Project planning and design, as appropriate. Documentation of key correspondence with the various Municipalities and the County can be found in **Appendix E**. Specific correspondence with each Municipality and the County includes:

#### **3.1.2.1 Town of Plympton-Wyoming**

Prior to Suncor receiving a FIT contract in July 2011, Suncor began communications with the Town as early as 2006 and started to lease options, had meetings with Planners on bylaw development, erected a meteorological tower and met the Mayor and staff at their offices. Suncor's activities during this period included input to the Town respecting its zoning bylaw amendment passed as By-law 104-2007. Suncor also provided input into amendments to the Town's Official Plan (OPA 19) to permit the development of wind energy. The Mayor and some Council members accepted Suncor's invitation to the commissioning ceremonies of Suncor's Ripley Wind Power Project. On May 18, 2010 Suncor held a public meeting to provide early information to the public about Suncor's interest in building wind power projects within the Town.

Beginning in September, 2011 and after being awarded a FIT contract, Suncor initiated a face to face meeting with the Township to discuss Suncor's proposed wind power project. A presentation was made to the Mayor and key staff and included information about Suncor's businesses and values, our renewable energy assets, our approach to engagement, willingness to work with the Town and the proposed project schedule. Clarity was also provided regarding what project was awarded a FIT contract and which was not. For example, Suncor was developing three projects (Camlachie (not awarded FIT), Cedar Point I (not awarded FIT contract) and Cedar Point II (awarded FIT contract). The format was designed to re-open the dialogue between Suncor and the Town and better understand the key priorities and concerns for the community.

In an effort to better understand the community as a whole, Suncor sent an invitation to the Mayors of Plympton Wyoming and Lambton Shores to meet to discuss the progress on the Cedar Point wind power project which straddled both jurisdictions. The meeting was also offered to learn more about their perspective on area wind development, explore ways Suncor can strengthen relationships within both communities and see if there are any synergies. The invitation also encouraged the Mayor's to invite their Councillors, Planners, Fire Chiefs and any other staff to the meeting. Multiple email exchanges occurred between Mayor Lonny Napper,

Kyle Pratt, Mayor Bill Weber, and Suncor staff. To ensure complete transparency, this meeting was later declined by both Mayors with the suggestion that Suncor instead present to Council. This was in direct response to concern raised by residents that all meetings should be publicly held. Suncor was invited to attend the Public Council meetings scheduled for March 14, 2012 in the Town of Plympton-Wyoming and April 2 in the Municipality of Lambton Shores. Suncor attended and presented at both.

In June 2012, the Town began reviewing the draft REA documents (Project Description Report) and requested more detailed information in the draft REA documents in order for the Town to respond to the Municipal Consultation Form within the specified timeline (exact location of proposed wind turbines, proposed transportation routes, etc.) and asked when updated reports would be received. The Town also requested funding support to have their solicitor review the Municipal Consultation Form prior to submission. Suncor later agreed to provide these funds. In response to the Town's feedback and feedback received at Suncor's Public Meeting, Suncor hosted a second Public Meeting to provide the draft turbine layout and updated REA reports.

Beginning in September, 2012, Suncor met the Mayor and key staff to discuss concerns about the passing of recent by-laws and the impacts it would have on Suncor's wind project. Suncor requested a copy of the Town bylaws and associated amendments related to the building permit fees and security/letter of credit. Letters were exchanged outlining concerns about these by-laws.

While Suncor continues to seek ways to work collaboratively with the Town regarding the bylaws that Plympton-Wyoming has enacted regarding wind power project development, Suncor has challenged these by-laws through filing a Notice of Application with the Ontario Superior Court of Justice. It remains Suncor's intention to resolve the concerns with the bylaws in a collaborative fashion with the Town of Plympton-Wyoming and ongoing effort is being made to meet with Staff and Council.

Comments via the Municipal Consultation Form will likely be received from the Town and at that time, Suncor will review the feedback and provide a summary of the feedback to the Ministry of the Environment. Meetings and discussions will continue to take place with the Town during detailed Project Design including municipal permitting and through the construction and operational phases of the Project.

### **3.1.2.2 Municipality of Lambton Shores**

Prior to Suncor receiving a FIT contract in July 2011, Suncor began communications with the Municipality as early as 2006 and started to lease options, met with the Municipal planner and erected a meteorological tower. On May 20, 2010 Suncor held a public meeting in Forest to provide early information to the public about Suncor's interest in building wind power projects in the area.

Beginning in September, 2011 and after being awarded a FIT contract, Suncor initiated a face to face meeting with the Municipality in October to discuss Suncor's proposed wind power project. A presentation was made to the Mayor and key staff and included information about Suncor's businesses and values, our renewable energy assets, our approach to engagement, willingness to work with the Municipality and the proposed project schedule. Clarity was also provided regarding what project was awarded a FIT contract and which was not. For example, Suncor was developing three projects (Camlachie (not awarded FIT), Cedar Point I (not awarded FIT contract and Cedar Point II (awarded FIT contract). The format was designed to open the dialogue between Suncor and the Township and better understand the key priorities and concerns for the community.

In an effort to better understand the community as a whole, Suncor sent an invitation in March 2012 to the Mayors of Plympton Wyoming and Lambton Shores to meet to discuss the progress on the Cedar Point wind power project which straddled both jurisdictions. The meeting was also offered to learn more about their perspective on area wind development, explore ways Suncor can strengthen relationships within both communities and see if there are any synergies. The invitation also encouraged the Mayor's to invite their Councillors, Planners, Fire Chiefs and any other staff to the meeting. Multiple email exchanges occurred between Mayor Lonny Napper, Kyle Pratt, Mayor Bill Weber, and Suncor staff. To ensure complete transparency, this meeting was later declined by both Mayors with the suggestion that Suncor instead present to Council. This was in direct response to concern raised by residents that all meetings should be publicly held. Suncor was invited to attend the Public Council meetings scheduled for March 14, 2012 in the Town of Plympton-Wyoming and April 2, 2012 in the Municipality of Lambton Shores. Suncor attended and presented at both.

Based on direct discussions with the Municipality, comments will likely be received via the Municipal Consultation Form. At that time, Suncor will review the feedback and provide a summary of the feedback to the Ministry of the Environment. Meetings and discussions will continue to take place with the Municipality during detailed Project Design including municipal permitting and through the construction and operational phases of the Project.

### **3.1.2.3 Township of Warwick**

Suncor initially reached out to Warwick Township to invite them to Suncor's neighbouring project's (Adelaide Wind Power Project) introductory luncheon on January 26, 2012 to meet with key stakeholders within the Adelaide Project area, which is being proposed just east of the Township of Warwick.

In June 2012, and as the Cedar Point Project boundary expanded, Suncor began discussions with the Township's Planner. Suncor was in negotiations with a small power company wanting to build a 10 MW project and one of the turbines proposed was within the Township of Warwick. Suncor wanted to provide the Township with information early on in the process in case the Township and their Mayor received questions from the public. Once the purchase was complete, Suncor announced on their website and via letters to the Municipalities and County

that the boundary for the Cedar Point Wind Power Project increased from what was previously shown on Suncor's website, following the inclusion of additional project landowners who have chosen to participate in this project. This change allows for a wider land use in Plympton-Wyoming and the inclusion of a portion of project lands located in the Township of Warwick. The number of turbines included within this larger project area will not be increased, nor will the total energy output of the project be increased beyond the contracted 100MW. A map comparing the project boundary and a map of the new boundary was put up on Suncor's website on Friday July 13, 2012. As a result, more formal correspondence with Warwick Township ensued; following the requirements as outline in O. Reg. 359/09. **The Cedar Point Wind Project design layout currently only has one turbine located in the Township of Warwick.**

At the time of the release of this report, the Municipal Consultation Form was not received by Suncor, however, if and when it is received, Suncor will review the feedback and provide a summary of the feedback to the Ministry of the Environment. On April 10<sup>th</sup> a follow-up email was sent to determine what the timing may be. Meetings and discussions will continue to take place with the Town during detailed Project Design including municipal permitting and through the construction and operational phases of the Project. Meetings and discussions will continue to take place with Warwick Township during detailed Project Design including municipal permitting and through the construction and operational phases of the Project.

#### **3.1.2.4 Lambton County**

In 2006 Suncor began to engage Lambton County Planners. Between 2006 and 2008, Suncor provided input into work by the Planner to develop zoning by-laws that would specifically address wind power projects.

Beginning in September, 2011 and after being awarded a FIT contract, Suncor and County staff began discussions about the Suncor's proposed wind power project. County staff attended Suncor's April 2012 Public Meeting and discussions began to organize a face to face meeting. On September 6, 2012, Suncor met with the Lambton County Planner to discuss road access, rights-of-way and permit requirements. The County expressed an interest in Suncor working with neighbouring wind producers to share poles and to minimize any infrastructure footprint. Other topics included a discussion of future widening of roads and the necessity to share with the County any mapping of underground utilities and locations of other infrastructures and of property bars or pins that Suncor undertakes as part of our surveying to assist in improving local records.

At the time of the release of this report, the Municipal Consultation Form was not received by Suncor, however when it is received, Suncor will review the feedback and provide a summary of the feedback to the Ministry of the Environment. On April 10<sup>th</sup> a follow-up email was sent to determine what the timing may be for receiving the completed Form. Meetings and discussions will continue to take place with County staff during detailed Project Design including municipal permitting and through the construction and operational phases of the Project.

### **3.1.2.5 Landowner Dinners**

In the evenings of June 20, 2012 and March 27, 2013, Suncor hosted dinner events for all local landowners participating in the Project. At these meetings, Suncor provided the Site Plans for their review and consideration. Presentations and question and answer periods followed dinner.

## **3.2 CORRESPONDENCE WITH AGENCIES AND ORGANIZATIONS**

Numerous federal and provincial government departments and authorities were included on the Project contact list and were therefore notified and kept updated regarding the Project. Details regarding key agency and organization comments, and how the Project team considered each comment, are provided in **Appendix E**. This includes copies of confirmation letters provided by the Ministry of Natural Resources (MNR) and the Ministry of Tourism, Culture and Sport (MTCS).

Suncor also engaged with elected Members of Provincial Parliament after the election in October 2011. Of direct relevance to this project, Suncor wrote letters and had face-to-face meetings with MPP Monty McNaughton (Lambton-Kent-Middlesex), MPP Bob Bailey (Sarnia-Lambton) and MPP Vic Fedeli (Nipissing and PC Energy Critic). Suncor encouraged their involvement and their staff to become involved in the wind development process. Suncor also attended a Town Hall meeting event organized by MPP Monte McNaughton on March 12, 2012. Speakers included MPP Vic Fedeli, MPP Bob Bailey (Sarnia-Lambton) and MPP Lisa Thompson (Huron-Bruce) and approximately five guest speakers from the community - speaking in favour of, and against, wind development. Approximately 200 local residents attended. Suncor attended to show a presence and support for the community and their wind projects.

In addition, Suncor has attended Fundraising receptions and dinners for MPP Monty McNaughton, the NDP, the Liberals and the PC in late 2012 and early 2013. Face to face meetings and telephone calls were also arranged with MP Pat Davidson, NDP Leader Andrea Horwath and key staff of the NDP, Liberals and PC parties.

Other agencies that Suncor was involved with include the Ausable Bayfield and St. Clair Region Conservation Authorities, Ministry of Natural Resources, Ministry of Tourism/Sport/Culture, Ministry of Government Services, Ontario Heritage, Ministry of Transportation, Canadian Coast Guard, NAV Canada, Environment Canada, National Defense. Geological Survey of Canada, Survey of Canada, Transport Canada, Ontario Provincial Police and the RCMP.

### **3.2.1 Ministry of Natural Resources Confirmation Letter**

The Project team maintained regular communications with the MNR throughout the REA process. Discussions were generally related to the Natural Heritage Assessment and Environmental Impact Study (NHA/EIS).



As natural heritage information was obtained and assessed by Stantec throughout the REA process such as records review information and site investigations were completed, Stantec submitted various draft revisions to the NHA/EIS to the MNR for review. A final version of the NHA/EIS including the Environmental Effects Monitoring Plan (EEMP) was submitted to the MNR the week of April 8, 2013 which fully addressed MNR's preliminary comments. The MNR responded on April 11, 2013 by confirming that the requirements under the REA regulation for the NHA/EIS and EEMP were met. The MNR also provided additional details related to pre and post-construction monitoring requirements which have been incorporated into the EEMP (see the **Design and Operations Report**).

### **3.2.2 Ministry of Tourism, Culture and Sport**

The Stage 1 Archaeological Assessment (completed by Golder Associates) was submitted to the MTCS which recommended a stage II level assessment be completed for the wind turbine locations and associated infrastructure, in which MTCS concurred on July 20, 2012. A Stage II Archaeological Assessment was completed by Golder Associates) and MTCS concurred with the findings of the assessment in a letter dated August 20, 2012. A subsequent update to the Stage II Archaeological Assessment was completed by Stantec, and MTCS concurred with the findings of the subsequent assessment in a letter dated March 25, 2013.

A Heritage Assessment Report was submitted by Golder Associates to MTCS for review and comment. The MTCS issued a letter on October 5, 2012, confirming that the MTCS was satisfied with the Heritage Assessment Report and the recommendations contained within the Report. Following receipt of the letter from MTCS, updates were made to the Project and an addendum to the Heritage Assessment Report (dated April 9, 2013) was filed with MTCS. The MTCS issued a letter on April 12, 2013, confirming that the MTCS was satisfied with the addendum to the Heritage Assessment Report and the recommendations contained within the Report.

## **4.0 Aboriginal Engagement**

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### **4.1 MOE ABORIGINAL LIST**

The goal of Aboriginal engagement as it relates to the Project is to engage interested and local Aboriginal communities in a way that is meaningful and respectful of their Aboriginal and treaty rights and interests in the Project Location.

On November 17, 2011, in accordance with O. Reg. 359/09, the draft Project Description Report was provided to the Director of the MOE in order to obtain the Aboriginal Communities List as per S.14 of O.Reg.359/09. As per O. Reg. 359/09 S.14 (1) (b), a request was made to the MOE for a list of Aboriginal communities who:

- (i) Have or may have constitutionally protected Aboriginal or treaty rights that may be adversely impacted by the project, or*
- (ii) Otherwise may be interested in any negative environmental effects of the project.*

On December 8, 2011, the MOE responded to the request to obtain the Aboriginal Communities List for the Project. The communication from the MOE identified the following Aboriginal communities that may have constitutionally protected aboriginal or treaty rights, impacted by the project:

- Chippewas of Kettle and Stony Point
- Chippewas of the Thames
- Aamjiwnaang First Nation
- Bkejwanong Territory - Walpole Island First Nation
- Oneida Nation of the Thames

In addition to the communities identified above, the MOE also provided the following Aboriginal communities that may have an interest the project:

- Munsee – Delaware Nation
- Delaware Nation Moravian of the Thames.

Upon receiving the Aboriginal consultation list from the MOE, the Project distribution list was updated and engagement for the Project with the identified Aboriginal communities regarding the Project commenced.

Suncor, because of its presence in Sarnia and its surrounding area (Suncor's refinery and ethanol plant), already had relationships with members of the Chippewas of Kettle and Stony Point, Aamjiwnaang First Nation, and Walpole Island First Nation. The remainder of the Aboriginal communities listed were relatively new to Suncor. As such and by way of introduction to either Suncor or the specific project, Suncor sent personalized letters to the Aboriginal communities on December 16, 2011.

Suncor is interested in developing long term relationships with communities where they operate. As a result, Suncor feels that efforts to date are an early reflection of the consultation they intend to undertake and will continue to work with Aboriginal communities where there is interest.

Suncor also feels it important to understand Aboriginal communities and their history. To this end, key individuals that are part of the project have undertaken Aboriginal awareness training since the fall of 2011 and work closely with other Suncor staff in other business units who have experience working with Aboriginal communities.

An important component of working with Aboriginal communities is to have face-to-face meetings – preferably on their lands to understand the key priorities and areas of interest and concern. In the introductory letters, Suncor offered to meet with each community. As such, Suncor has met face to face with Chippewas of Kettle and Stony Point, Aamjiwnaang First Nation, Walpole Island First Nation, Chippewas of the Thames, and Munsee – Delaware Nation. In January, 2013 Suncor received notice from Moravian of the Thames that they no longer wished to be consulted on the Cedar Point wind Project.

Depending on the expressed interest of each Aboriginal community, Suncor is continuing to engage and build relationships and has an openness to participate in events, symposiums, joint meetings and open houses with other Aboriginal communities, site tours (of Aboriginal reserves and for members of Aboriginal communities to tour Suncor's projects). For example, Suncor conducted a site tour of our Kent Breeze Wind Power Project with members of Walpole Island First Nation, supported and participated in an open house at the Chippewas of the Thames and supported and presented at the Renewable Energy Development Symposium organized by the Southern First Nation Secretariat hosted at the Aamjiwnaang First Nation - Suncor presented on employment opportunities during the construction and operational phases of wind project. In April 2013, Suncor was asked to hold a future public meeting on the reserve of the Chippewas of the Thames First Nation in order to allow their community members an equal opportunity to understand renewable energy projects that are being introduced locally.

In February, 2013 Suncor formally invited Walpole Island, Kettle and Stony Point and the Aamjiwnaang First Nations (in addition to several other First Nations in Alberta) to participate with Suncor in the 2013 Indspire Awards (formerly the National Aboriginal Achievement Awards). Suncor extended invitations to young Aboriginal students between the ages of 15 to 17 to attend this event from communities that are nearby to Suncor operations. Suncor invited

two student guests and an adult chaperone from each First Nation to join Suncor for the celebration, recognizing excellence in the Aboriginal community.

A total of 22 students and 11 chaperones (11 FN communities in Ontario and Alberta) were invited by Suncor to participate in the Indspire Awards which provides an enriching opportunity to interact with peers from across Canada. In addition to attending the formal award ceremony, Suncor hosted a Youth Luncheon with current and past Indspire Award winners. These award winners provide inspirational testimonials that will encourage youth to pursue their dreams and aspirations. This year, the youth also participated in Indspire's Education Day at the University of Saskatchewan and Saskatchewan's Technical College. Suncor covered the costs of accommodation, meals and travel for this event for the selected youth and adult chaperone. This is the tenth year that Suncor has organized a youth trip, with more than 260 students being awarded the opportunity to be inspired by other Aboriginal individuals. Several Suncor staff participated in all the events over the course of 4 days.

A summary of Suncor's efforts to date can be found in **Appendix F**.

## **4.2 O. REG. 359/09 REQUIRED NOTIFICATIONS**

The following provides a summary of the engagement efforts that were conducted by Suncor with each Aboriginal community listed above in compliance with the requirements of O. Reg. 359/09. Summaries of additional engagement efforts, as well as copies of all comments submitted by the Aboriginal communities and Suncor's responses can be found in **Appendix F**.

### **4.2.1 Project Introduction and Notice of Public Meeting**

Personalized letters were sent on March 16, 2012 to provide the Draft Project Description Report (PDR) and the Notice of Proposal/Public Meeting. Suncor advised that the Notice would be published in local newspapers starting March 17, 2012 and also encouraged each Aboriginal community to publish the Notice in their community newspaper or provide information regarding any newspaper that they would like Suncor to publish the Notice in. No communities requested the Notice to be published in a community newspaper or requested additional copies of the Draft PDR for public review.

### **4.2.2 Notice of Public Meeting and Updated Project Description Report**

Letters were distributed on July 11, 2012 to each community advising them of upcoming public meetings (August 2012) and to provide them with copies of the updated Draft Project Description Report. Suncor encouraged each Aboriginal community to publish the Notice in their community newspaper or provide information regarding any newspaper that they would like Suncor to publish the Notice in. No communities requested the Notice to be published in a community newspaper or requested additional copies of the updated Draft PDR for public review.

Suncor also requested any information that should be considered in preparing the draft REA reports for the Project, and any information each community may have about any adverse impacts the Project might have on constitutionally protected aboriginal or treaty rights and any measures for mitigating those adverse impacts. Suncor requested comments and information by August 17, 2012 to ensure that comments could be incorporated into the Draft REA Reports which were being prepared in advance of the final public meetings.

#### **4.2.3 Notice of Draft Site Plan**

Letters were distributed on August 16 to each community providing a Notice of Draft Site Plan for the Project. Suncor provided this information to help in the understanding of the turbine design and where Suncor proposes to locate each turbine. Suncor indicated that this Notice could be published in their community newspaper or to contact Suncor if there is a newspaper they would like Suncor to publish in. Suncor encouraged each Aboriginal community to publish the Notice in their community newspaper or provide information regarding any newspaper that they would like Suncor to publish the Notice in. No communities requested the Notice to be published in a community newspaper or requested additional copies of the updated Draft Site Plan Report for public review. Suncor indicated that these documents could also be downloaded from Suncor's website.

#### **4.2.4 Project Summary Report**

A copy of the Draft Project Summary Report was provided on September 24, 2012 to each community for their review and comment. The Project Summary Report provided a summary of each REA document that was to be made available to the public including each Aboriginal community at least 60 days before the Project's final public meeting (at that time planned for December 2012).

Suncor requested any information that should be considered in preparing the REA reports for the Project, and any information each community may have about any adverse impacts the Project might have on constitutionally protected aboriginal or treaty rights and any measures for mitigating those adverse impacts. The deadline for comments and information was identified as December 7, 2012 to ensure that comments could be incorporated into the REA Reports before submission to the MOE. With the exception of a letter received from the Aamjiwnaang First Nation (see **Appendix F**), no other formal comments were received with respect to the Draft Project Summary Report. Suncor also offered to provide additional copies of the Draft Project Summary Report so that copies could be made available for community members to review, however no requests were received.

#### **4.2.5 Notice of Revised Site Plan, Draft REA Reports and Final Public Meeting**

Suncor provided a project update and sent a Notice of Revised Draft Site Plan and Final Public Meetings along with a copy of the Draft Renewable Energy Approval (REA) Report Package (including the Revised Draft Site Plan) on January 29, 2013 (prior to the documents being

released for public review). Each Aboriginal community was encouraged to publish the Notice in their community newspaper or provide information regarding any newspaper that they would like Suncor to publish the Notice in. No communities requested the Notice to be published in a community newspaper or additional copies of the reports for public display.

As part of a package that was sent on September 24, 2012, which included a Project Summary Report, Suncor requested each community provide in writing any information available that should be considered in preparing the REA documents. In particular, any information the community may have about any adverse impacts that the project may have on constitutionally protected aboriginal or treaty rights and any measures for mitigating those adverse impacts. Following the release of the Revised Draft Site Plan and Draft REA Reports, the requested deadline for comments and information was extended from December 7 2012 to April 2, 2013, to ensure that all comments if provided could be incorporated into Suncor's REA Application for the Project. Only one community provided written comments. Suncor received a detailed letter from the Aamjiwnaang Environment Committee identifying an interest in continuing to work with Golder on Suncor's project and also provided a detailed Comments and Concerns Statement outlining concerns about the following : Bird and Bat studies - including concerns with migratory bird paths such as tundra swans and geese); Potential vibrational and electrical impacts to earth worms and snakes; Snake Species at Risk (SAR); Vegetation Restoration around turbine locations; Impacts to deer and deer paths and effects on hunting; Plants and wetlands monitoring and maintenance; Medical Issues and Shadow Flicker; Cumulative impacts on wind patterns; and Magnetic fields. Suncor provided a detailed response February 20, 2013 addressing each issue raised.

Copies of all comments provided by the Aboriginal communities throughout the development of the Project and Suncor's responses can be found in **Appendix F**.

## 5.0 Public Education and Outreach

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An important component in advancing wind development in Ontario is to engage and educate the public and participate in policy development. This is an ongoing effort. Suncor has more than 10 years' experience working in the wind business and has been active in advancing initiatives and policies that support the development of wind energy in Ontario, Alberta and Federally. Specific efforts that Suncor has taken more recently in Ontario (some programs are national in nature) are summarized in **Appendix H**. A few examples include presentations at universities, funding energy chairs at universities and scholarship programs, funding renewable energy programs like Green Learning in 10,000 classrooms, engaging in student research, and sponsoring and participating in conferences. Suncor has also participated in thought-leader forums to provide input into the feed-in-tariff program and participates with communication efforts through the Canadian Wind Energy Association.

Suncor is in the process of developing a communication plan to ensure ongoing efforts are made to engage community members. This includes:

- Special "In Your Community" newsletters (Suncor currently distributes these in other jurisdictions where they operate)
- Updates on the website – include Q&A section, key document library
- Ongoing engagement with key stakeholders and universities
- Speaking engagements

In an effort to build awareness of Suncor's renewable energy business and help develop local relationships, Suncor issued a Renewable Energy "In Your Community" newsletter (see **Appendix B**) in the Winter of 2012 and mailed or emailed it to approximately 500 of Suncor's key stakeholders in the Cedar Point project area including local Municipalities, Lambton County, First Nation communities, government agencies and participating landowners with a cover letter from Suncor's Vice President of Renewable Energy (see **Appendix B**). In addition, approximately 12,800 copies of the newsletter were mailed and distributed by direct postal drop on November 19, 2012 to residents in Plympton-Wyoming, Forest, Grand Bend, Cedar Point, Thedford/Northville, and Adelaide Metcalfe. An electronic version of the newsletter can be found on Suncor's website at [http://www.suncor.com/pdf/IYC\\_RE\\_Nov\\_2012.pdf](http://www.suncor.com/pdf/IYC_RE_Nov_2012.pdf). With the newsletter, Suncor inserted a comment card for individuals to provide another avenue for feedback about Suncor's wind projects. In total, Suncor received 42 comment cards; the content of which aligned with questions or comments received at Suncor's public meetings.

## **6.0 Ongoing Consultation**

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The following describes Suncor's plan for ongoing consultation activities that would occur following submission of the REA application and what would occur during construction, operation and decommissioning of the Project.

### **6.1 COMMUNITY UPDATES**

Suncor will continue contact with Project stakeholders (public, Aboriginal communities, local municipalities and the County) during the construction/operation of the Project for as long as this seems an effective two-way channel of communication including providing Project updates on the Project website (<http://www.suncor.com/cedarpointwind>). With an anticipated presence in the community over the long term, Suncor will continue to develop local relationships and channels of communication, which we anticipate will benefit the local area.

In the event of an emergency, Suncor will initiate the Emergency Response Plan and will directly contact (via phone or in-person) anyone who may be directly impacted so that the appropriate actions can be taken to protect the health and safety of the community. Additional updates (non-emergency related) may be provided via the website, letters/newsletters, newspaper notices, or direct contact.

### **6.2 COMMUNITY CONTACT INFORMATION**

A telephone number for contacting Suncor along with the mailing/e-mail address will continue to be posted on the Project website (<http://www.suncor.com/cedarpointwind>) and provided directly to the local municipalities and MOE. These would be the direct contact points for Suncor during all phases of the Project. The Emergency Response Plan will include key contact information for emergency service providers, a description of the chain of communications and how information would be disseminated between Suncor and the relevant responders. This information will be obtained during consultations with the municipalities/County's Emergency Services Departments.

The telephone number provided for the reporting of concerns and/or complaints would be equipped with a voice message system used to record the name, address, telephone number of the complainant, time and date of the complaint along with details of the complaint. All reasonable efforts would be made to take appropriate action as a result of concerns as soon as possible. The actions taken to remediate the cause of the complaint and the proposed actions to be taken to prevent reoccurrences of the same complaint in the future would also be recorded. If appropriate, the MOE Spills Action Centre would be contacted to notify them of the complaint. Correspondence would be shared with other stakeholders, such as the MOE, as required and/or as deemed appropriate.



Ongoing stakeholder communication would allow Suncor and/or the Contractor to receive and respond to community issues on an ongoing basis.

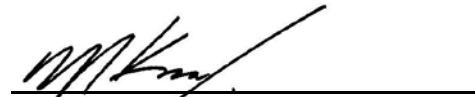
## **7.0 Signatures**

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This Consultation Report for the Suncor Energy Cedar Point Wind Power Project has been prepared by Stantec for Suncor in accordance with Table 1 of O. Reg. 359/09, and the MOE's "Technical Guide to Renewable Energy Approvals".

This report has been prepared by Stantec for the sole benefit of Suncor, and may not be used by any third party without the express written consent of Suncor. The data presented in this report are in accordance with Stantec's understanding of the Project as it was presented at the time of reporting.

### **STANTEC CONSULTING LTD.**



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