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Title: <u>CONSULTATION REPORT</u>

Client: IPC Energy

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L5N 5R1

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# 1.0 Project Overview

The Wainfleet Wind Energy Project's ("the Project") Consultation Plan Report has been prepared in accordance with the requirements of the Ministry of the Environment's Renewable Energy Approvals Regulation ("the Regulation"), O.Reg 359/09, specifically with consideration for *Item 2* of the requirements as outlined in *Table 1* of the Regulation.

The proposed Wainfleet Wind Energy Project is to be situated in the Township of Wainfleet, in the Niagara Region of Ontario. The Project would consist of five (5) Vestas V-100 1.8 megawatt wind turbines producing a nameplate capacity of 9.0 megawatts. If approved, the wind turbines would be erected for the purpose of capturing energy from the wind, a renewable resource, and converting it into clean, useable electricity. This electricity will be transported to consumers via interconnection facilities, including transformers and distribution lines. The footprint of these facilities is described in the reports prepared for this Renewable Energy Approval (REA).

This Consultation Report will detail the consultation activities undertaken as part of the REA process including the following:

- A summary of communication with members of the public, Aboriginal communities, municipalities, local roads boards, and Local Services Boards regarding the project
- Evidence that the information required to be distributed to Aboriginal communities under Subsection 17(1) was distributed
- Any information provided by an Aboriginal community in response to a request made under paragraph 4 of subsection 17(1)
- Evidence that a consultation form was distributed in accordance with subsection 18(1)
- 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
- A description of whether and how:
  - Comments made by members of the public, Aboriginal communities, municipalities, local roads boards and Local Service Boards were considered by the Project Team
  - o The documents that were made available under subsection 16(5) were amended after the final public meeting was held
  - o The proposal to engage in the project was altered in response to comments made from members of the public, Aboriginal communities, municipalities, local roads boards and Local Service Boards

#### 2.0 Consultation Process

The Renewable Energy Approval (REA) process defined under O. Reg. 359/09 has a mandatory consultation requirement that proponents must undertake in order to be eligible for a project approval, as issued by the Ontario Ministry of the Environment (MOE).

Wainfleet Wind Energy Inc.'s consultation program was designed to address the following goals:

- Involve residents and stakeholders early in the development phase of the project;
- Obtain/identify relevant information and local knowledge regarding the project's location:
- Identify issues or potential concerns;
- Identify and avoid potential impacts associated with the project; and,
- Provide opportunities for stakeholder input regarding the proposed facility's design.

Consultation methods included public, agency, and municipal meetings/presentations, telephone and email correspondence, direct mailings, public notices, and posting project materials and updates on the project's website. As part of the Project Team's consultation efforts two (2) Public Meetings and an additional Renewable Energy Information Night were hosted.

## 3.0 Public Consultation

## 3.1 Stakeholder Mailing List

The stakeholder mailing list for the Wainfleet Wind Energy Project included every registered landowner identified within the geographic Study Area. This area is significantly greater than 120 metres of the project location in which notification was required under 0. Reg. 359/09.

As correspondence was received throughout the planning and development phase of the project those individuals, groups, and/or agencies who expressed an interest in the project, or contacted the Project Team were subsequently added to the project's stakeholder mailing list. A complete list of public contacts has been provided in **Appendix A**.

### 3.2 Project Notification

Public notices for the Wainfleet Wind Energy Project were prepared in accordance with the Ontario Ministry of the Environment's template provided in Technical Bulletin Five: Guidance for Preparing the Consultation Report (MOE, 2010), and were distributed in accordance with O. Reg. 359/09.

# 3.2.1 Combined Notice of Proposal to Engage in a Project, and Notice of Public Meeting #1

As permitted under O. Reg. 359/09 a combined Notice of Proposal to Engage in a Project and Notice of Public Meeting was issued for the Wainfleet Wind Energy Project. This notice was published on two (2) separate dates in Niagara This Week, a local newspaper with circulation in the project area. The first advertisement was published on Thursday July 22<sup>nd</sup>, 2010, more than 30 days in advance of the public meeting which was held on Tuesday August 24<sup>th</sup>, 2010. The second advertisement was published on Tuesday August 19<sup>th</sup>, 2010. The notice was also posted on IPC Energy's website (<a href="www.ipcenergy.ca">www.ipcenergy.ca</a>).

The notice included a key map of the project area, and information regarding the project location, the proposed size of the project, the Proponent, and the process to be followed. The notice also included the location, date and time of Pubic Meeting #1, and where the Project Description Report was made available for public review, including hard copies and electronic versions.

A direct mailing of the notice accompanied by a cover letter was distributed on July 22<sup>nd</sup>, 2010. This mailing included assessed landowners within the Project Study Area (greater than 120 metres of the project location). A copy of the notice was also provided to clerks at the Township of Wainfleet and Niagara Region, Aboriginal communities, the MOE District Manager (Niagara District), the MOE Director of Approvals, as well as other identified agency and interested stakeholders. A copy of the notice, sample cover letter, and mailing list is provided in **Appendix A**.

#### 3.2.2 Notice of Public Meeting #2

In accordance with O. Reg. 359/09 the notice of Public Meeting #2 was published on Wednesday April 18<sup>th</sup>, 2012, at least sixty (60) days prior to the second public meeting held on Tuesday June 19<sup>th</sup>, 2012. The notice was published eleven (11) times on eight (8) separate dates in four (4) local newspapers with circulation in the project area. **Table 1** provides an overview of the dates and publications where notices were published. The Notice of Public Meeting #2 was also posted on the Wainfleet Wind Energy Project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>). Copies of the published notices are provided in **Appendix A**.

The notice included a key map of the project site plan, as well as information regarding the project location, the proposed size of the project, the proponent, the process, and the selected turbine model. The notice also included the location, date and time of Pubic Meeting #2 was to take place and where draft supporting documents to be submitted as part of the proponent's application to MOE were made available for public review and comment. The supporting documents were provided in both hard copy and electronic versions.

A direct mailing of the notice with an accompanying cover letter was distributed on April 13<sup>th</sup>, 2012 to assessed landowners within the Project Study Area (greater than 120 metres of the project location). A copy of the notice was also provided to the clerks of the Township of Wainfleet and Niagara Region, Aboriginal communities, the MOE District Manager (Niagara District), the MOE Director of Approvals, and other identified agency and interested stakeholders. A copy of the notice, sample cover letter, and mailing list is provided in **Appendix A**.

In addition to the notification requirements stipulated in O. Reg. 359/09, the Notice of Public Meeting #2 and the project's Draft Site Plan were posted in frequented local establishments and recreational centres within the Township of Wainfleet. For a listing of posting locations please refer to **Table 1**.

To further inform the public and surrounding landowners of the project, the upcoming public meeting, and proposed turbine locations, project information signs measuring 31.75" x 23.75" and 4' x 8' were created. These signs included the Notice of Public Meeting #2 and the Draft Site Plan, and were posted on participating landowners properties. Copies and photographic documentation of the signs is provided in **Appendix A**.

Table 1: Publication of Public Notices		
Notice	Date Published	Location of Publication/Posting
Notice of Proposal to	Thursday July 22nd 2010	Niagara This Week
Engage in a Project and Public Meeting #1	Thursday July 22 <sup>nd</sup> , 2010 Tuesday August 19 <sup>th</sup> , 2010	IPC Energy's Website: www.ipcenergy.ca
	Wednesday April 18 <sup>th</sup> , 2012 Thursday April 19 <sup>th</sup> , 2012 Wednesday June 13 <sup>th</sup> , 2012	Niagara This Week
	Wednesday April 18 <sup>th</sup> , 2012 Wednesday May 23 <sup>rd</sup> , 2012 Wednesday June 13 <sup>th</sup> , 2012	Turtle Island News
Notice of Public Meeting #2	Thursday April 26 <sup>th</sup> , 2012 Wednesday May 23 <sup>rd</sup> , 2012 Thursday June 14 <sup>th</sup> , 2012	Welland Tribune
	Monday April 30 <sup>th</sup> , 2012 Thursday May 31 <sup>st</sup> , 2012	Port Colborne/Wainfleet Shopper
	Wednesday April 18 <sup>th</sup> , 2012	The Project's Website: www.wainfleetwindenergy.ca
		2X4 Diner -820006 Regional Road 27, WAINFLEET
		Avondale/Donut Diner/LCBO- 41986 Forks Road, WAINFLEET
		Burnaby Gas Station Corner Café and Gas-11609 Hwy 3, WAINFLEET
		DJ's Restaurant-12185

	Lakeshore Road, WAINFLEET
	Wainfleet Arena-1943 Park Street, WAINFLEET

#### 3.2.3 Distribution of Documents for Public Review

In accordance with O. Reg. 359/09, the Wainfleet Wind Energy Project's Draft Renewable Energy Approval Package including all supporting documents and reports were made available for public review and comment on April 18<sup>th</sup>, 2012, for at least sixty (60) days prior to the second public meeting held on June 19<sup>th</sup>, 2012. Additionally, all documents were posted on the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) and provided to the local Township's office and public library for public viewing as described in **Table 2**.

Table 2: Distribution of Documents for Public Review		
Public Viewing Locations	Delivery Date	
Township of Wainfleet, Clerk's Office, 31940 Highway #3, P.O. Box 40, Wainfleet, Ontario, LOS 1V0	April 18 <sup>th</sup> , 2012	
Wainfleet Township Public Library, 31909 Park Street, P.O. Box 118, Wainfleet, Ontario, LOS 1VO	April 18 <sup>th</sup> , 2012	

## 3.3 Public Meeting #1

The first public meeting for the Wainfleet Wind Energy Project was held on Tuesday August 24<sup>th</sup>, 2010 at the Township of Wainfleet, Firefighters Memorial Hall (19M7 Park Street, Wainfleet, Ontario) from 3:00 p.m. to 7 p.m.

This meeting was held in an open house format which provided agencies, stakeholders and the public the opportunity to obtain information regarding the proposed project, ask questions, and share information about the study area. This format provided a forum for public involvement and enabled the Project Team to explain the REA process and regulatory requirements, solicit feedback from attendees, and identify additional interested stakeholders.

Hard copies of the Project Description Report (PDR) were made available at the meeting for review. Take home copies of the display boards and PDR were also made available.

## 3.3.1 Display Boards

Large display boards measuring 33" x 21.5" were placed around the hall. These boards provided information regarding the Wainfleet Wind Energy Project, the REA process, and required project documentation and forthcoming environmental studies. A total of 32

display boards were exhibited at the meeting. Displays presented at Public Meeting #1 included the following:

- 1. Welcome
- 2. Project Overview
- 3. Wainfleet Study Area
- 4. Wainfleet Wind Energy Project Scope
- 5. About Wainfleet Wind Energy Inc.
- 6. About IPC Energy
- 7. Green Energy and Green Economy Act, 2009
- 8. About the Renewable Energy Approval
- 9. The Renewable Energy Approval Process
- 10. Key Components of a Turbine
- 11. Wind Energy-How the Technology Works
- 12. Project Facilities, Equipment and Technology
- 13. Project Life Cycle
- 14. Development Phase
- 15. Construction Phase
- 16. Operations Phase
- 17. Decommissioning Phase
- 18. Preliminary Records Review and Pre-Consultation
- 19. Environmental Components Map
- 20. General Summary of Environmental Effects
- 21. Environmental Components
- 22. Environmental Studies
- 23. Stakeholder Consultation
- 24. Role of Consultation
- 25. Community Benefits
- 26. Health and Safety
- 27. Sound Studies
- 28. Property Values
- 29. Project Reports
- 30. Next Steps
- 31. Project Feedback
- 32. Thank-You

Copies of the display boards are provided in **Appendix B**.

#### 3.3.2 Attendance and Feedback

Meeting attendees were asked to sign-in upon entering the hall. A total of sixty-five (65) people signed the meeting register (please refer to **Appendix B**). Attendees were informed of the availability of comment sheets, and were encouraged to complete them in order to provide project feedback and to record any questions or comments they may have. Project Team members were also available to answer questions and provide additional information or clarification regarding the project and REA requirements. Individuals who

expressed concern or had specific inquiries were directed to the most appropriate team member for further response/discussion. Nine (9) Project Team members were in attendance at the meeting including representatives from Wainfleet Wind Energy Inc. (the Proponent), IPC Energy (the developer), and Morrison Hershfield (the consultant).

A total of fourteen (14) comment sheets were completed and submitted at the public meeting or received by the Project Team via mail or fax at a later date. All respondents who completed a comment sheet and provided personal contact information were sent response letters. The respondents were also added to the stakeholder list, unless otherwise noted by the respondent. All response letters encouraged recipients to regularly visit the project's website, where project documentation and studies would be made available for public review and comment before being submitted to the MOE for approval. For a summary of comments/concerns received at the meeting and how they were addressed, please refer to **Table 3**. Copies of the completed comment sheets with personal information omitted are provided in **Appendix B**.

Table 3: Summary of Comments/Concerns Received at Public Meeting #1		
Comment	How the Comment Was Addressed	
Interest/ concern related to the location of turbines to nearby residences	Respondents were informed that the proponent is undertaking studies to assess the impact this project may have to natural heritage, cultural heritage, archeology, and noise levels in the area that these studies help determine suitable locations for the project's five (5) proposed turbines. Where required, the Project Team will send these draft studies to be reviewed by government agencies. Once these agencies have had an opportunity to review and comment on these reports, the reports will be available for public review and comment. All of the proposed turbines will adhere to, or exceed the minimum setback requirements from residences (550 m), natural features, and sound power levels at non-participating noise receptors (i.e. residences, places of worship, schools, etc.) (40 dBA).	
	Residents were informed that in order for the project to be approved by the Ministry of Environment (MOE) it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setback distances and regulations. If the project does not comply with these requirements, it will not be approved, and consequently cannot be constructed.	
	Respondents were informed that the location of the project's turbines and site layout of the proposed facility was expected to be determined shortly and would be made available to the public for at least 60 days prior to the second Public Open House. Newspaper notices and letters advising residents how they could obtain or view copies of all the draft reports, site plans and maps displaying the locations of the project's turbines and results of environmental studies would be published and mailed out.	
Would like to know the size of turbine model to be installed	In a response letter, the interested resident was informed that the final turbine model selected for the Wainfleet Wind Energy Project is yet to be finalized and that there were still two turbine models under consideration for the project. These models were:	
	• Gamesa G90, 2.0 MW	
	• Vestas V-100, 1.8 MW	
	The interested party was also informed that the turbine model was expected to be determined shortly and would be made available to the public for at least 60 days before the second public open house was held and that the selection of any one of these two turbine models would have a maximum height of 145m above ground level.	
Concerns related to noise	In response, the Project Team advised that a Noise Assessment Study is being undertaken, which, when completed would help determine the sound levels generated at noise receptors located within a 1500 metre radius of each wind turbine. The resident was informed that the project must meet all regulatory requirements for sound in order to be approved. At distances of 550 metres (minimum setback requirement) or greater sound generated from turbines is similar to a whisper. While conditions differ, the sound emitted from modern turbines is often masked by background noise or the wind itself.	
Impacts to Property Values	The Project Team advised that it did not believe there will be an impact to surrounding residential property values as a result of the construction and operation of the Wainfleet Wind Energy Project. This response is based on the results of various studies conducted in Canada, the United States, and in Europe which have found that there is no statistical evidence that a commercial wind farm within sight of a property will decrease its value. Reference was made to two studies completed in the United States, as well as a study in the Municipality of Chatham-Kent, Ontario which found similar results. These studies found no statistical data to demonstrate that wind farms negatively affect rural residential property values.	
Shadow flicker	In a response letter, the respondent was informed that shadow flicker can occur as a result of turbine operations, but only under very specific conditions. For shadow flicker to occur it was described that the following conditions must be occurring simultaneously:  • The sun must be shining and there is no cloud cover or reduced visibility conditions;	

	The rotating turbine blades must be between the observer and the sun;
	• The turbine blades must be facing directly toward or away from the sun (so they are moving across the source of the light relative to the observer); and
	The observer must be close enough to be in the turbines shadow.
	Shadow length can change depending on the angle of the sun in the sky (i.e. time of day or time of year). The respondents was informed that proper siting of wind turbines, such as the ones proposed in Wainfleet will be used to reduce or eliminate potential shadow flicker.
Would like to know more about the REA process and	The respondent was informed of the following information:
requirements	Renewable Energy Projects, such as the Wainfleet Wind Energy Project are subject to Ontario Regulation 359/09 Renewable Energy Approvals (REA) under Part V.0.1 of the Ontario Environmental Protection Act. The REA came about after the passing of the Green Energy and Green Economy Act (GEA) in early 2009 by the Provincial Parliament, which directs the government to promote the development of renewable energy resources (i.e. wind, solar, bio-energy, hydro) in an effort to help reduce Ontario's reliance on fossil fuels by producing clean and renewable sources of energy.
	The REA process requires proponents (like Wainfleet Wind Energy Inc.) to conduct environmental investigations and meet mandatory consultation requirements before the applicant can be eligible to apply for approval to the Ministry of the Environment (MOE). As part of the consultation requirement outlined in Ontario Regulation 359/09,, renewable energy projects must engage with the public, local municipalities and Aboriginal communities as well as required regulatory agencies in discussions regarding the project. As part of public consultation for the REA process proponents are required to hold two (2) Public Open Houses and allow for public input throughout the development phase of the project. Once environmental studies and required reports have been completed and consultation requirements fulfilled the proponent can file their REA application form along with supporting documents and reports with the MOE. After the application has been filed with the MOE it will be posted on the Ontario Environmental Registry for a mandatory 30-day review period. During this 30-day review period, the public and other agencies can view and comment on the REA package. After the completion of the 30-days, the MOE reviews the application and supporting documents. The MOE review period can last up to six (6) months. When a decision has been made, the director of the MOE will notify the proponent and will post the outcome of the decision on the Environmental Registry.
	The reports required to obtain a Renewable Energy Approval differs depending on the type/class of the renewable energy project. Since this project is a Class 4 Wind Energy Facility, we are required to produce and submit the following reports and studies:
	Project Description Report;
	Construction Plan Report;
	• Consultation Plan Report;
	<ul> <li>Design and Operations Report;</li> </ul>
	Decommissioning Plan Report;
	Wind Turbine Specifications Report;
	Natural Heritage Assessment Report;
	Archeology Assessment Report;
	Cultural Heritage Assessment Report; and,
	Noise Assessment Report.
	Once completed, all project reports will be made available to the public for review and comment. These reports will demonstrate the

	project's compliance with all regulatory setbacks and environmental protection measures. The requirements for each report are listed in Section 13 and Table 1 of Ontario Regulation 359/09 which can be accessed electronically online or by obtaining it from the MOE.
Environmental effects	In a response letter, the Project Team described that wind energy projects are clean and reliable sources of renewable energy that do not generate waste by-products as a result of their operation. The REA has established strict guidelines and setbacks that must be followed with regards to the protection of the natural environment and impacts to local residences and communities. We recently completed studies for natural heritage, cultural heritage, archeology, and noise. These studies help us determine the best locations for the project's five (5) proposed turbines. Where required, draft studies are sent for review by government agencies. Once we hear back from these agencies, these reports will be available for public review and comment. All of the proposed turbines will adhere or exceed the minimum setback requirements from residences (550 m) and sound power levels at non-participating noise receptors (i.e. residences, places of worship, schools, etc.) (40 dBA).
	The respondent was also informed that in order for a project to be approved by the Ministry of Environment (MOE) the proponent must demonstrate that the project's proposed facilities comply with all applicable regulatory setback distances and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.
Concerns related to the location of turbines to Burnaby Airport and how it will impact its skydiving operations. Proposed that a 2 km radius around the airfield be preserved.	Respondents were informed that the Project Team is presently in active consultation with NAV Canada and Transport Canada (TC) regarding the location of the project's proposed turbines to ensure safety and local aviation operations are not compromised. The project will adhere to all required regulations and setback distances established by these regulatory agencies. An Aeronautical Obstruction Clearance Form was submitted to TC to evaluate the project's turbine locations and to determine any turbine lighting or painting requirements. The Project Team also submitted a NAV Canada Land Use Proposal Submission Form to ensure that the project does not interfere with any communication or navigation instruments or facilities. Upon hearing a response on both applications, measures will be taken to correct any issues of noncompliance with both regulatory agencies established regulations.
	One recipient was provided with the names/contact information of the personnel the Project Team was dealing with at NAV Canada/TC and advised that he/she would be kept informed as consultation with these two regulatory agencies on the location of the project's proposed turbines progresses.
Creation of local jobs	In response, the Project Team described Wainfleet Wind Energy Inc. intention to create a few permanent positions to oversee the project's operation and maintenance activities. Local jobs will also be created during the construction and decommissioning phases of the project and local suppliers and contractors will be used as much as possible.
	The respondent was advised that this is a small but meaningful contribution to 'green' jobs in Niagara Region and the Township of Wainfleet, and that along with other projects in Ontario, will help to foster a more sustainable economy for the province.
Creation of clean energy	In response, the Project Team described that this renewable energy project will contribute to a more sustainable future by generating enough power for approximately 2,500 homes by feeding directly into the Hydro One distribution system, and that we believe this small contribution is one meaningful way that can help reduce greenhouse gas emissions and our dependence on fossil fuels.
Opposes all aspects of project	Comment noted
Does not want this project to be located in Wainfleet	Comment noted
Hopes the project goes forward	Thank-you for your comment
Expressed interest in participating in the project	Thank-you for your interest in the project. Respondent was informed that their contact information was passed along to IPC Energy.

## 3.3 Public Meeting #2

The second public meeting for the Wainfleet Wind Energy Project was held on Tuesday June 19th, 2012 at the Township of Wainfleet, Firefighters Memorial Hall (31907 Park Street, Wainfleet, Ontario) from 3:00 p.m.-8 p.m.

The meeting was held in an open house format and was designed to describe the REA process, present an overview of the project, share results of project studies and reports, answer questions, and solicit comments/feedback from attendees.

Municipal and agency stakeholders including the Mayor, Council, and staff from the Township of Wainfleet were invited to attend a preview of the meeting from 2:00p.m.-3:00p.m. Only one staff member from the Township of Wainfleet attended the preview.

#### 3.3.1 Display Boards

A total of 37 large display boards measuring 33" x 21.5" were placed around the hall. These displays presented information regarding the Wainfleet Wind Energy Project, the REA process, site plan, results of project studies and reports, and background information intended to address identified public concerns regarding health/safety, property values, community benefits and environmental impacts. Displays presented included the following:

- 1. Welcome
- 2. About Wainfleet Wind Energy Inc. and IPC Energy
- 3. Making Ontario a Global Leader in Renewable Energy
- 4. The Renewable Energy Approval Process
- 5. The Renewable Energy Approval Process (diagram)
- 6. Role of Consultation
- 7. Benefits of Wind Power
- 8. Community and Environmental Benefits
- 9. Project Overview
- 10. Project Facilities, Technology and Equipment
- 11. Site Plan
- 12. Overview Map
- 13. Site Plan-Turbine 1
- 14. Site Plan-Turbine 2
- 15. Site Plan-Turbine 3
- 16. Site Plan-Turbine 4
- 17. Site Plan-Turbine 5
- 18. Turbine Visualizations
- 19. Turbine Specifications
- 20. Wind Energy- How the Technology Works
- 21. Key Components of a Turbine
- 22. Construction Plan

- 23. Design and Operations
- 24. Decommissioning Plan
- 25. Archaeology
- 26. Cultural Heritage
- 27. Natural Heritage
- 28. Water Bodies
- 29. Noise Assessment
- 30. Noise Assessment Map
- 31. Health and Safety
- 32. Property Values
- 33. Wind Energy Myths and Misconceptions
- 34. Draft Reports Available for Public Review
- 35. Next Steps
- 36. Project Feedback
- 37. Thank-You

Copies of the display boards, are provided in **Appendix C** 

#### 3.3.2 Additional Resources and Handouts

A resource table displaying hard copies of the project's Draft Renewable Energy Approval Package, was made available for public review. This package was placed on the public record on April 18th, 2012 and contained all draft supporting reports and studies to be submitted to MOE, including:

- Project Description Report
- Turbine Specifications Report
- Construction Plan Report
- Design and Operations Report
- Decommissioning Plan Report
- Cultural Heritage Assessment Report
- Archaeology Assessments Reports(Stage 1 and 2)
- Noise Assessment Report
- Natural Heritage Assessment (NHA) Report
- Environmental Impact Study (EIS) Report
- Environmental Effects Monitoring Plan (EEMP) for Birds and Bats
- Water Assessment and Impacts Report
- Study Area Map
- Site Plan
- Land Use Mapping

In addition to the aforementioned reports, a variety of handouts and resource materials were also made available for review. This additional material included the following:

#### **Human Health/Safety**

• The Potential Health Impacts of Wind Turbines. Chief Medical Officer of Health

- Wind Turbine Sound and Health Effects: An Expert Panel Review. Canadian Wind Energy Association
- The Health Impact of Wind Turbines: A Review of the Current White, Grey and Published Literature. Chatham-Kent Public Health Unit

#### **Property Values**

- The Impacts of Wind Power Projects on Residential Property Values in the United States. Lawrence Berkeley National Laboratory
- Wind Energy Study- Effect on Real Estate Values in the Municipality of Chatham-Kent, Ontario. George Canning and L. John Simmons.

#### Renewable Energy and Electricity Pricing

- Guide: Provincial Approvals for REA. Renewable Energy Facilitation Office, Ministry of Energy
- Frequently Asked Questions About Renewable Energy. Ontario Ministry of the Environment
- Renewable Energy Development: A Guide for Municipalities. Renewable Energy Facilitation Office, Ministry of Energy
- What Municipalities Should Know About Renewable Energy Approvals. Renewable Energy Facilitation Office, Ministry of Energy
- Behind the Switch: Pricing Ontario Electricity Options. Pembina Institute
- Frequently Asked Questions About Green Energy in Ontario. Pembina Institute
- CanWEA Fact Sheets (health, property, pricing, community/economic benefits)

#### **Economic and Community Benefits**

- The Building of Niagara's Green Economy, St. Catharines-Thorold Chamber of Commerce
- Niagara's Green Energy Fact Sheet, Greater Niagara Chamber of Commerce

#### 3.3.3 Attendance and Feedback

Meeting attendees were asked to sign-in upon entering the hall. A total of forty-four (44) people signed the attendance registry (refer to **Appendix C**). Attendees were informed of the availability of comment sheets and were encouraged to complete them in order to provide feedback about the project and to record questions, comments or concerns. Project Team members were available to answer questions and provide additional information or clarification about the project and the REA requirements. Individuals who expressed concern or had specific inquiries were directed to the most appropriate team member for further response/discussion. Fourteen (14) Project Team members were in attendance at the meeting including representatives from Wainfleet Wind Energy Inc. (the Proponent), IPC Energy (the developer), Rankin Construction (the contractor) and Morrison Hershfield (the consultant).

A total of 15 comment sheets were completed and submitted at the meeting. Respondents who completed a comment sheet and provided contact information were sent response letters. A summary of comments/concerns identified at the meeting and how the

comments were addressed is provided in **Table 4**. Copies of the completed comment sheets with personal information omitted is provided in **Appendix C**.

Table 4: Summary of Comments/Concerns Received at Public Meeting #2		
Comment	How the Comment Was Addressed	
Interest/ concern related to the location of turbines to nearby residences	The Ministry of the Environment (MOE) established strict setback distances through conservative, science-based calculations based on the most up-to-date science. All of the proposed turbines for the Wainfleet Wind Energy Project will adhere or exceed the minimum 550 metre MOE setback requirement and 40 dBA sound power levels from all non-participating noise receptors (i.e. residences, places of worship, schools, etc.).	
	These setback distances were designed by the MOE to protect human health and safety. To receive MOE approval on this project, it must be demonstrated that the proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.	
Health and Safety Concerns	The Ministry of Environment (MOE) has established strict setback requirements that the project must adhere to. These requirements were established to avoid impacts to surrounding land, environment, and people. All of the proposed turbines for the Wainfleet Wind Energy Project will adhere or exceed the minimum 550 metre setback requirement and 40 dBA sound power level from all non-participating noise receptors (i.e. residences, places of worship, schools, etc.).	
	These setback distances were established by the Ministry of Environment (MOE) through conservative, science-based calculations based on the most up-to-date science in order to protect human health and safety. In order for the project to be approved by MOE, it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.	
	According to available research and studies conducted in Canada, the United States, and in Europe there is no scientific evidence to support a direct causal link between wind turbines and adverse health impacts.	
	A May 2010 report published by the Chief Medical Officer of Health (CMOH) of Ontario titled "The Potential Health Impact of Wind Turbines" concluded that vibration from low frequency wind turbines at residential setbacks does not cause adverse health effects. This report also concluded that low frequency sound and infrasound produced by turbines are well below the pressure sound levels at which known health effects occur.	
Impacts to Property Values	Comments regarding possible negative impacts to property resulting from the Project were addressed by providing reference to research available from Canada, the United States, and Europe which displayed no statistical evidence to support a direct correlation between wind turbines and property devaluation.	
	Respondents were advised of the U.S. study released by the Lawrence Berkeley National Laboratory that found no conclusive evidence of the existence of any widespread property value impacts present in communities surrounding wind energy facilities even when concentrating on homes located within a mile and sold immediately following the announcement of a new wind farm. This study looked at the sale of 7,500 single family homes situated within 10 miles of 24 existing wind facilities in nine different U.S. states. Another study concentrating on real estate values in the Municipality of Chatham-Kent, Ontario also found similar results, that there is no statistical data to demonstrate wind farms negatively affect rural residential property values.	
Environmental Effects	The Proponent has also undertaken extensive studies for noise, archaeology, cultural heritage, natural heritage, and water bodies for the surrounding lands in which the project is to be located in order to identify and avoid potential impacts.	
	Under the Regulation, a Natural Heritage Assessment is required to identify significant wildlife habitat within 120 metres of the project location, which includes habitats for various different species. The Proponent has undertaken an extensive records review and physical site investigations to identify candidate habitat as per Ministry of Natural Resources requirements. These efforts have been documented in the Natural Heritage Assessment Report currently available on the project's website.	
	In addition, an Environmental Impact Study Report has been prepared to identify potential negative environmental effects associated with the construction, operation, and decommissioning of the Wainfleet Wind Energy Project. Mitigation for each identified natural feature has been	

	provided in the EIS report. MNR has reviewed the project's Environmental Impact Study Report and confirmed that the mitigation/monitoring requirements to be implemented adhere to their standards and procedures.
	An Environmental Effects Monitoring Plan for Birds and Bats has been prepared to monitoring potential negative environmental effects for birds and bats once the project becomes operational. Knowledge obtained from the surveys will be used to identify monitoring needs for subsequent years, and will determine the success rate of proposed mitigation measures and protocols. The Environmental Effects Monitoring plan for the Wainfleet Wind Energy Project will ensure that any unanticipated potentially significant adverse environmental effects are detected and addressed so that they do not become significant.
Wants lower energy prices in rural areas	The Project Team responded that the Ontario Energy Board (OEB) regulates energy prices within Ontario. This board has created a Regulated Price Plan (RPP) which establishes rates that consumers are charged throughout the province. The Proponent of this project (Wainfleet Wind Energy Inc.) has no control regarding energy pricing in Ontario.
Concern that local interests are not being addressed/why don't residents have a final say	Wainfleet Wind Energy Inc. is taking local concerns regarding this Project seriously. Public consultation is a very important aspect of the Wainfleet Wind Energy Project and the Project Team has made every reasonable effort to have meaningful consultation with the surrounding local community and municipality in the design of this project, and remains committed to developing this environmentally friendly wind energy project in a mutually beneficial manner with the surrounding community. In order for the project to be approved by the Ministry of the Environment (MOE), the proponent must demonstrate that it has fulfilled the public and municipal consultation requirements set out in Ontario Regulation 359/09. As part of the REA process Proponents must document how they have incorporated public and municipal comments into the design of the project and how they have addressed or mitigated any identified concerns.
Developing power at massive cost to tax payers and profits go to you.	The development of renewable energy projects, such at the Wainfleet Wind Energy Project are undertaken by private investors at no cost to tax payers.
If turbines are so safe, why will the developer not provide 100% identification for the loss of land value or tax revenue to?	Based on research and studies conducted in Canada, the United States, and Europe, there is no statistical correlation between wind farms and decreased property values. Therefore no protection is required. Furthermore real estate markets are influenced by other economic forces out of the Proponents control and cannot be held accountable.
How many people working on this project live less than 2km from a wind turbines	Comment noted. The Wainfleet Wind Energy Project was established by long-time residents of the Wainfleet community.
Turbines 2 and 3 are located too close together	Project turbines have been positioned in accordance with all requirements stipulated in O. Reg. 359/09. In addition, Vestas the turbine manufacturer for this project has reviewed the proposal and confirmed that the turbine locations adhere to their operating standards and restrictions.
Concerns related to the location of turbines to Burnaby Airport	Consultation with NAV Canada and Transport Canada (TC) has been undertaken regarding the project's proposed turbine locations. The Project Team has engaged in direct correspondence with the owners of Skydive Burnaby regarding their concerns. The Project Team has made significant efforts to meet with the owners to understand and address their concerns, where possible. In February 2011 the Proponent offered Skydive Burnaby two (2) alternative landing locations and funds for educational/re-training purposes over a four (4) year period. This offer was declined by Skydive Burnaby. Despite numerous additional offers to meet directly with Skydive Burnaby, this stakeholder has not agreed to a meeting. Consultation with this stakeholder remains ongoing, and the Proponent remains hopeful that Skydive Burnaby will agree to a meeting to further discuss concerns.
	The Project Team has also corresponded with the Canadian Sport Parachuting Association (CSPA) in an attempt to clarify an appropriate setback distances from such a facility. To date suggestions provided by CSPA have not been applicable to this project.
Creation of local jobs	The Proponent is required as per the Feed-In Tariff (FIT) contract to use 25% of domestic content in the construction of the facility. This will bring economic benefits to the local community by using local suppliers for materials related to the construction of the project's facilities (i.e. access roads, turbine foundations, electrical installation, facility maintenance buildings etc.). Further, local economic employment opportunities

	will be attributed to the construction and decommissioning phases of the project. These phases will bring an influx of demand for local goods and services (i.e. restaurants and stores). The project will also create a few permanent jobs related to site maintenance/supervision of the facility during operation.
	The Project Team also believes that the Wainfleet Wind Energy Project will provide added public value to the local community and economy by contributing to a more resilient energy system and sustainable future for Niagara Region. This project is a very good alternative to meeting our present and future energy needs. Wind turbines rely on the wind for fuel which does not require extractive industries or non-sustainable development to generate electricity.
	This project will benefit the local community on a continuous basis by:
	<ul> <li>Powering up to 2500 homes and contributing to reducing our dependency on coal-fired electricity. Airborne pollutants caused from the projection of coal-fired electricity remains a significant health and environmental problem in Ontario;</li> </ul>
	<ul> <li>Producing a sustainable source of electricity that is clean, reliable, and emits no greenhouse gases;</li> <li>Providing a small, but significant, contribution to high-quality employment and the development of a sustainable industry for future generations; and</li> <li>Contributing to the annual municipal tax base with limited to no increased demand on local services (i.e. garbage collection and water/wastewater service).</li> </ul>
	Participating landowners for the Wainfleet Wind Energy Project have also agreed to lease a portion of their land for the placement of the project's turbines and associated infrastructure (i.e. access roads and underground collector system). This will provide a steady income for farmers and landowners to continue agricultural activities, with the generated income staying within the local community.
Creation of clean energy	Wind energy projects are clean and renewable sources of energy. There will be no greenhouse gas emission or other waste by-products generated from the facility during its operations, and will therefore not be a source of pollution to the surrounding community. This project will contribute to a more sustainable future by generating enough power for approximately 2,500 homes by feeding directly into the Hydro One distribution system. We believe that this small contribution is one meaningful way that we can reduce greenhouse gas emission and our dependence on fossil fuels. We believe that the Wainfleet Wind Energy Project is actually taking steps to improve the quality of life for not only the local community, but fellow Ontarians by investing in our provinces current and future energy needs in an environmentally responsible manner. This project will assist Ontario's goal in phasing out coal-fired generation plants by 2014.
Opposes all aspects of project	Comment noted.
Does not want this project to be located in Wainfleet	The majority of the province's power needs are based in southern Ontario where the majority of its residents live. Residents of the Township of Wainfleet like other Ontario residents require access to energy resources in the functioning of their daily lives. It would be more suitable to have a wind energy facility located closer to where demand is needed (permitting that the project has adequate access to land to meet setback requirements and environmental protection measures) rather than only locating them in remote areas of the province, which would require more investment in connections to the power grid and transmission lines to transfer the generated energy to where it is need.
Comments of support and hopes the project goes forward	Comment noted. We thank you for your support of this Project.

#### 3.4 Additional Public Consultation

### 3.4.1 Renewable Energy (Wind) Information Night-Niagara Region

As a result of the growing public interest in this project, as well as wind energy in the Niagara Region, the proponent organized and sponsored a public Renewable Energy (Wind) Information Night for local residents. This event was held in addition to the public meeting requirements outlined in O. Reg. 359/09.

The information night was held on Tuesday January 25th, 2011 at South Lincoln High School (260 Canborough Street, Smithvillle, Ontario) from 7:00 p.m.-9:00 p.m. The objective of the event was to provide the public with a better understanding the REA process, community and economic benefits associated with renewable energy, and to address and discuss questions regarding potential health, property and environmental impacts associated with wind energy projects.

The format of the information night included individual presentations from a panel of professionals in their specific area of expertise, followed by a question and answer session. The evening was facilitated by a moderator, Randy Williamson of Aird & Berlis LLP.

#### Panellists included:

- Ms. Petra Fisher, Renewable Energy Facilitation Office, Ministry of Energy
- Mr. Harry French, Ontario Sustainable Energy Association
- Ms. Valerie Kuhns, Niagara Economic Development Corporation
- Mr. George Canning, Canning Consultants Ltd.
- Mr. John Simmons, John Simmons Reality Ltd.
- Ms. Farrah Khan, Canadian Association of Physicians for the Environment

Copies of presentations made during this event have been provided in **Appendix D**.

### 3.4.2 Notification

Invitations informing residents on the stakeholder mailing list of the information night were sent on December  $20^{th}$ , 2010 (more than 30 days in advance). A copy of the notification letter has been providing in **Appendix D**.

Newspaper advertisements were also placed in Niagara This Week on three (3) separate dates prior to the information night. The publication dates were as follows:

- January 6<sup>th</sup>, 2011
- January 13th, 2011
- January 20th, 2011

A copy of the newspaper insert has been provided in **Appendix D**. A media release regarding the Renewable Energy (Wind) Information Night was also sent to Media One on

January 10, 2011 for distribution to local media contacts for radio, television, and newspapers. A copy of the media release and distribution list is provided in **Appendix D**.

#### 3.4.3 Attendance and Feedback

As this public information event did not have a specific project focus, attendees were not asked to sign in. Based on estimates, upwards of 250+ individuals attended this event.

The second half of the information night was opened to allow residents to ask questions of the expert panel. This provided the Project Team with an additional opportunity to identify the concerns of local residents and how they could be considered and addressed in the Wainfleet Wind Energy Project's proposal and information provided at the second public meeting.

Questions and comments from members of the public were largely centred around impacts to human health/safety, property values, and the natural environment. Specific questions and comments included the following:

- How do we know that people will not get sick?
- What will be the impact of this project to local property values?
- Is the Proponent willing to include a property protection clause as a condition of the project's approval?
- What are the anticipated impacts to wildlife (i.e. birds, bats, insects), and how are impacts monitored?
- Will raptors be protected?
- What studies are being done to protect animals?
- What are the anticipated noise/health impacts of this project?
- Concerns regarding Dr. King's report not specifically addressing rural areas were raised.
- 40 decibels is higher than current levels in the area
- Can predictions be made on how many people will be affected as more turbines are built?
- What are the economic benefits of the project?
- How many jobs will be created in Niagara Region?
- Turbines should not be placed where there are so many houses.
- Turbine technology is not reliable and is expensive.
- Do you know how much we are spending on it?
- Health impacts- epidemiological study was completed—asked for a moratorium to establish setback distance.
- Real Estate- Is the Chatham-Kent Study the only study that has been completed?
- Wind Energy projects should be halted until more studies are completed.
- How can the public enter the consultation process so that it can be meaningful/how do they influence it.
- Concerns that information has not been shared freely.
- Has anyone in Ontario reported sleep loss? Who do you call?

- Why was the municipal oversight removed?
- Why hasn't the government considered offshore wind energy projects?
- More studies are needed to accurately assess the health/environmental impacts (e.g. effects to Provincially Significant Wetlands, and Significant woodlots)

#### 3.4.4 Public Communication, Comments and Concerns

Throughout the Renewable Energy Approval process public communication and consultation has been ongoing, and has not been limited to public meeting events. Project feedback, including questions, comments and concerns were obtained from the public in various ways (e.g. comments sheets, emails, letters, telephone correspondence etc.).

The Proponent established a web inquiry feature on the project's website, which allows interested parties to submit questions or comments directly to the Project Team. In addition, direct contact information for multiple Project Team members was provided in public notification materials and listed on the project's website.

The Project Team's approach to consultation activities has been to provide thoughtful, reasoned, and detailed responses to all project inquiries or expressed concerns from members of the public. These efforts are demonstrated in the detailed communications between individuals and the Project Team. Records of communication and responses are provided in **Appendix E**. A summary of communication with the public commencing with responses to the project's Notice of Proposal to Engage in a Project and Public Meeting #1 is provided in **Table 5**.

Table 5: Summary of Communication with Members of the Public				
Type of Correspondence	Date Received	Correspondence Summary	Project Team's Response	Amendment's to the Project or Project Reports
Email	22-Jul-10	Additional information regarding the proposed locations of the wind turbines was requested, as well as to receive project updates.	The Project Team thanked the individual for their interest in the project and outlined studies which were being undertaken to assist the Project Team in determining possible wind turbine locations.  Details regarding the public open house were provided and the respondent was	N/A
			encouraged to attend.  The respondent's contact information was added to the stakeholder mailing list.	
Phone/Email	11-Aug-10	The respondent inquired regarding the location and number of turbines being proposed. The respondent stated that they would not be able to attend the Public Open House but would appreciate additional information.	The Project Team sent an electronic draft of the Project Description Report and stated that further documentation would be provided when available.	N/A
			Following the Public Open House, the Project Team sent electronic copies of material presented at the Public Open House. A Comment Form was included in the email, and the respondent was encouraged to provide their comments/feedback on the project.	
Email	23-Aug-10	The respondent was concerned with possible impacts the project may pose to the natural landscape/wild life, community, hydro, human health and local property values.	The Project Team responded by providing additional details regarding the project, and the REA process requirements.	N/A
			Further documentation, including the draft Project Description Report, materials from Public Open House #1, and a Comment Form were also provided electronically.	
			Due to the size of the email, follow up correspondence was sent to verify that the respondent received the documentation.	
Web Inquiry Form/Email	8-Sep-10	The respondent requested information regarding the monitoring of the website and asked who would respond to website postings.  A follow up email was sent from the respondent thanking the Project Team for their prompt response and asked that the Project Team consider his concern resolved.	In response to the inquiry, the respondent was informed that the site will be monitored regularly and will be updated as the project progresses. Depending on the nature of the inquiry, responses would be directed to the appropriate Project Team member.	N/A
Web Inquiry Form	23-Oct-10	A web inquiry form was submitted by a respondent stating that he/she had experienced difficulties when attempting to download reports from the website.	The Project Team looked into the concern and ensured the documents posted on the project website could be downloaded.	N/A
Web Inquiry Form	15-Oct-10	The respondent inquired regarding what costs were associated with the building of a supply grid in Wainfleet capable of utilizing the power generated from the project.  International examples of countries with wind energy experience were provided.	The Project Team thanked the respondent for their inquiry and advised that a response would be issued shortly.  Due to undeliverable responses to the email address provided, the Project Team sent a hardcopy letter to the respondent dated November 2, 2010. In this letter the Project Team addressed all questions as they pertained to the Wainfleet Wind Energy Project	N/A

		The respondent also stated a concern regarding whether a 550 metre setback distance was safe.	and the Ontario Renewable Energy Approval process.	
		Verifiable proof was requested by the respondent that turbines would reverse carbon emissions more than increasing the efficiency of current power plants.		
Web Inquiry Form	21-Oct-10	The respondent inquired regarding the setback distance of the turbines from homes and clarification regarding possible health risks associated with the project. The respondent stated their opposition to the project.	The Project Team advised the respondent of the required setback distances and sound power levels which the project must adhere to in order to receive MOE approval. The Project Team also advised that given the studies which have been undertaken assessing possible health impacts of wind turbine projects, they did not anticipate any adverse effects to human health resulting from the project.  The respondent was further referred to a May 2010 study published by the Chief	N/A
*** 1 *	20.5.40		Medical Officer of Health of Ontario regarding Wind Turbines.	NY / A
Web Inquiry Form	30-Dec-10	The respondent advised the Project Team that she/he opposed the project due to health concerns.	The Project Team thanked the respondent for their comments and advised of a May 2010 study undertaken by the Chief Medical Officer of Health for Ontario which concluded that wind turbine projects do not result in adverse health effects.	N/A
			A 2008 Report undertaken by the Chatham-Kent Public Health Unit was also attached to the electronic correspondence. This report concluded that wind turbine projects pose negligible health impacts provided MOE setback distances are maintained.	
			The respondent was additionally added to the stakeholder mailing list.	
Web Inquiry 30-Do Form	30-Dec-10	The previous respondent contacted the Project Team to continue to state her/his objection to the project and advised the Project Team to listen to Dale Goldhawk from AM 740.	The Project Team responded by stating the benefits to the local community and economy this projects is expected to generate.	N/A
			The team advised that they could not speak to experiences in other jurisdictions as setback distances may vary.	
			The respondent was encouraged to continue to take part in the consultation for this project.	
Web Inquiry Form	10-Jan-11	The respondent wrote to inform the Project Team of her/his concerns regarding impacts to Skydive Burnaby, a local dropzone. Her/his fear was that due to safety issues resulted from the construction of the turbines this established business would close, thereby impacting workers, and the local economy.	The Project Team advised the respondent that they had met with the owner of this business previously to discuss the project. Based on those discussions a turbine location had already been adjusted. Furthermore, the current layout was not anticipated to affect local skydiving operations. The Project Team also stated its willingness to meet with the owner of this business as well as with Wainfleet Council to discuss the matter further if concerns persisted.	N/A
			Additional details regarding the turbine layout were provided.	
Web Inquiry Form	10-Jan-11	A request was made that the respondent be advised of public meetings held for the project.	The Project Team added the respondent to the stakeholder mailing list and advised him/her that a public information night regarding wind power would be hosted on January 25, 2011. The respondent was encouraged to attend this event.	N/A
Web Inquiry Form	29-Jan-11	The respondent requested clarification regarding the percentage that wind energy contributes to the Ontario energy grid.	The Project Team advised the respondent that due to the variable dynamics of wind speed it is difficult to provide a definite answer regarding the total contribution of	N/A

			wind power to Ontario's energy grid. The respondent was asked to visit the IESO website to obtain regularly updated figures regarding wind power's contribution to	
Web Inquiry Form	29-Jan-11	The previous respondent advised that after visiting the IESO website they were concerned with the amount of wind energy generated within Ontario given the number of industrial wind turbines already in operation. The respondent also requested information regarding the number of wind turbines the proponent firm, IPC Energy, intends to build throughout Ontario.	Unlike some other generation resources, wind farms cannot be called upon to generate specific amounts of megawatts on demand. Wind power generation is dependent on weather conditions, temperature and even the season. Typically summer months do not produce as much energy output.  IESO system planning and forecasting helps address the variable nature of wind energy.	N/A
Telephone Inquiry	2-Feb-12	A respondent left a message regarding further project clarification.	The Project Team responded via email by providing the contact information for Tom Lewis, as well as links to the project website.	N/A
Web Inquiry Form	11-Feb-12	The respondent requested a map identifying the location of the Wainfleet Wind Energy Turbine locations, and clarification regarding whether the proponent was the only company pursuing wind energy projects in the area.	The respondent was thanked for their interest in the project and advised that he/she was added to the stakeholder mailing list.  The respondent was directed to links on the project website which contained reports, and more information on the project.  The Project Team advised the respondent of another company also pursing wind projects in the area.  Once again the respondent was thanked for their interest in the project.	N/A
Email	19-Apr- 2012	The respondent sent an email stating that this project did not make them proud to live in Wainfleet. Voiced displeasure with the omission of the second registered landowner on the mailing address, as well as comments regarding the identification of the site.	The respondent was thanked for the correspondence and advised that it would be included within the project's official correspondence record.	N/A
Email	7-May- 2012	The respondent provided a clarification regarding his/her mailing address	The respondent was advised that this change had been made.	N/A
Web Inquiry Form	11-May- 11	The respondent advised that after reviewing available research, they believed that the project would be a beneficial source of clean energy. Further details regarding the benefits to the community this project would generate were requested.	The Project Team provided details regarding the benefits to the local community and economy this project would generate.  The respondent was advised that they would be added to the stakeholder mailing list.	N/A
Telephone Request	31-May- 12	The respondent requested information regarding the fees per kilowatt hour that had been negotiated with the Ontario Power Authority.	The Project Team advised the respondent of current arrangements.	N/A
Email	9-Jun-12	The respondent advised that they own property located near the proposed turbine locations. Concerns regarding the effect to property values that this project may pose were voiced, as well as	The Project Team thanked the respondent for his/her comments on the project and directed him/her to recent studies which examine the relationship between wind turbine projects and impacts on property values. The requirements established by	N/A

		concerns regarding noise impacts resulting from the project.	the Ministry of the Environment regarding setback distances and noise levels were reiterated.	
			The respondent was advised to refer to the project's website for project updates and completed project reports.	
Web Inquiry Form	11-Jun-12	The respondent requested information regarding whether any turbines would be located near the Welland river between Boyle	The Project Team advised that only five (5) wind turbines were being proposed for this project and were not located in the area specified.	N/A
		Road and Wellandport Road.	Additional attachments were provided regarding Public Open House #2, and land use maps which identified the Wainfleet Wind Energy Project's proposed turbine locations.	
Verbal Request	19-Jun-12	At Public Open House #2 the respondent requested additional documentation and studies regarding the project be provided.	The Project Team attached the following material and advised the respondent that should additional clarifications regarding the project, or the material attached be required they were welcome to contact the Project Team	N/A
			Wind Turbine Sound and Health Effects: An Expert Panel Review	
			The Potential Health Impacts of Wind Turbines. Chief Medical Officer of Ontario	
			The Health Impact of Wind Turbines: A Review of the Current White, Grey and Published Literature. Chatham-Kent Public Health Unit	
			The Impacts of Wind Power Projects on Residential Property Values in the United States. Lawrence Berkeley National Laboratory	
			Wind Energy Study- Effect on Real Estate Values in the Municipality of Chatham-Kent, Ontario	
			Behind the Switch: Pricing Ontario Electricity Options. Pembina Institute	
			Frequently Asked Questions About Green Energy in Ontario. Pembina Institute	
			Frequently Asked Questions About Renewable Energy. Ontario Ministry of the Environment	

# 4.0 Municipal Consultation

Wainfleet Wind Energy Inc. has been actively engaging in consultation with the Township of Wainfleet and the Regional Municipality of Niagara with respect to the proposed project and physical design of the facility. The project will be entirely located within the Township of Wainfleet, in the Niagara Region of Ontario.

Municipal consultation has included personal meetings with staff/council, formal presentations to council, teleconferences, letters, and emails correspondence. Under the Regulation, the Proponent must distribute a Municipal Consultation Form (Part A and B) to the clerk of each local and upper-tier municipally in which the project is located.

## 4.1 Township of Wainfleet

Since the commencement of project planning, the Proponent has worked extensively to consult with the Township of Wainfleet in the development of the Wainfleet Wind Energy Project. A summary of consultation efforts with the Township of Wainfleet is provided in **Table 6**.

Table 6: Summary of Communication/Consultation with the Township of Wainfleet		
Date	Communication Details	
May 14 <sup>th</sup> , 2010	A pre-consultation meeting was held with Township of Wainfleet Staff and Mayor	
June 22 <sup>nd</sup> , 2010	A presentation by the Project Team to introduce the Wainfleet Wind Energy Project was made to Council	
July 22 <sup>nd</sup> , 2010	Notice of Proposal to Engage in a Project and Public Meeting #1 and Draft Project Description Report filed with the Township Clerk. Notice and corresponding letter sent to the Township staff, Mayor and Council.	
July 27 <sup>th</sup> , 2010	Digital copy of Draft Project Description Report provided to Township staff for posting on Township's website.	
November 17 <sup>th</sup> , 2010	Proponent distributed Municipal Consultation Form and Draft REA Package Reports and Materials for the Township's Review and Comment as required by s. 18(1)	
December 20 <sup>th</sup> , 2010	The Proponent provided Township Mayor and Council invitation to a Wind Energy Information Night.	
December 21st, 2010	The Project Team met with the Township's CAO and Planner regarding the requirements for obtaining a right-of-way/easement for the project	

	1
January 11 <sup>th</sup> , 2011	The Project Team appeared before council to discuss local concerns regarding Skydive Burnaby.
January 24th, 2011	Proponent met with Chief Administrative Officer (CAO) and Township Planner to discuss financial assistance in undertaking review of draft REA documents due to lack of resources and in-house expertise.
February 1 <sup>st</sup> , 2011	The Township requests three (3) additional copies of all available project reports/materials which were provided on November 17th, 2010 for staff review purposes. Morrison Hershfield couriered the hard copies to the Township as requested.
March 4 <sup>th</sup> , 2011	Preliminary Engineering Drawings were provided to the Township for review. These drawings included the following: <ul> <li>Substation</li> <li>Site Plan Layout</li> <li>Turbine foundation</li> <li>Crane pad and turbine laydown areas</li> </ul>
March 9 <sup>th</sup> , 2011	A web conference call was held with the Township Planner and their retained consulting firm, Jones Consulting, to discuss the REA consultation reports/materials that were provided to the Township. Specific discussions included the layout of the project, noise receptors, environmental impacts associated with the connectivity between the Provincially Significant Wetlands and Significant Woodlots surrounding Turbine 4 and 5. As a result of this meeting the Township and their consultant were provided with a Preliminary Transportation Survey, and preliminary design information and drawings regarding the typical crane pad foundation, laydown areas, access roads, and the substation.
March 18 <sup>th</sup> , 2011	The Township provided IPC with report prepared by Jones Consulting concerning their review of the Wainfleet Wind Energy Project.
April 6 <sup>th</sup> , 2011	The Proponent provided a response to the Township concerning preliminary comments received March 18, 2011 and how the Project Team will address the Township's comments/concerns.
April 18 <sup>th</sup> , 2011	Township of Wainfleet submitted their completed Municipal Consultation Form directly to MOE, with a copy provided to IPC.
December 12 <sup>th</sup> , 2011	IPC sent a letter to Township Clerk requesting that further discussions be undertaken with regards to the opening of the untraveled portion of Sideroad 22 from Abbey Rd. south to Concession 1 Rd. IPC requested to enter into an agreement with the Township for the purpose of gaining access to the proposed wind farm facility and placement of project

	infrastructure as per the Townships comments on the completed municipal consultation form submitted on April 18th, 2011.
January 24 <sup>th</sup> , 2012	IPC appeared before Council to provide project Status Update, advise of the project's Switching Station relocation and results of an additional Stage 2 Archaeology Assessment conducted in the fall of 2011. Revised Site Plan presented with hard copies provided to council.
	IPC's request to Open a portion of Sideroad 22 for the Wainfleet Wind Energy Project appeared before council. The motion and was denied. No reasoning or discussion was provided.
March 28 <sup>th</sup> , 2012	The Proponent submitted a request for approval of an underground utitlity crossing of Brawn Rd. (Sideroad 22) to the Township's Director of Operations.
April 10 <sup>th</sup> , 2012	Request for approval of an underground utility crossing of Brawn Rd. (Sideroad 22) appeared before council and an amending motion was passed to not support the request. No further reasoning or discussion was provided
April 12 <sup>th</sup> , 2012	Letter received from Township of Wainfleet regarding Council's decision to not support the Proponent's request for an underground utility crossing of Brawn Rd. (Sideroad 22).
April 13 <sup>th</sup> , 2012	Meeting with Staff and Mayor was held to provide a project update. Advised that the project would be publishing the Notice of Public Meeting #2 on April 18 <sup>th</sup> 2012, formally starting the 60 day public review period of project reports and studies prior to the second public meeting (to be held June 19th 2012). Township was advised that final submission to MOE would take place shortly thereafter.
	The Township was advised that they would be provided with an additional opportunity to review and comment on the Draft REA Package.
April 13 <sup>th</sup> , 2012	Notice of Public Meeting #2 and accompanying cover letter was sent to Township Clerk, Mayor, Council and Staff
April 18 <sup>th</sup> , 2012	Draft REA package reports and materials were filed for public viewing with the Clerk.
April 20 <sup>th</sup> , 2012	Updated draft REA package reports and municipal consultation form was redistributed to Township for review to provide an additional opportunity to comment on the proposal and amend previous comments/municipal consultation form submitted directly to MOE on April 18, 2011.

## 4.2 Niagara Region

As required under O. Regulation 359/09 the Regional Municipality of Niagara has been consulted. A summary of communication is provided in **Table 7.** 

Table 7: Summary of Communication/Consultation with Niagara Region			
Date	Communication Details		
July 22 <sup>nd</sup> , 2010	Notice of Proposal to Engage in a Project and Public Meeting #1 and Draft Project Description Report filed with Region Clerk. Notice and corresponding letter sent to Region staff and Council Chairmen.		
November 29 <sup>th</sup> , 2010	Proponent distributed Municipal Consultation Form and Draft REA Package Reports and Materials for the Region's Review and Comment as required by s. 18(1)		
December 20 <sup>th</sup> , 2010	The Proponent provided the Regional Chairmen and Council an invitation to a Renewable Energy Information Night.		
April 1 <sup>st</sup> , 2011	Niagara Region submitted completed Municipal Consultation Form to Proponent		
April 13 <sup>th</sup> , 2012	Notice of Public Meeting #2 and accompanying cover letter was sent to Regional Clerk and Staff		
April 20 <sup>th</sup> , 2012	Updated draft REA package reports and municipal consultation form redistributed to Region for review and to provide an additional opportunity to comment on the proposal and amend previous comments/municipal consultation form submitted April 1, 2011.		
June 6 <sup>th</sup> , 2012	Project Team presented project update to the Region's Integrated Planning Committee		
June 29th, 2012	Region resubmitted Municipal Consultation Form to Proponent		

## 4.3 Municipal Consultation Form

# 4.3.1 Township of Wainfleet

At the cost of the Proponent, the Township selected, retained and directed an independent consultant ("Jones Consulting Group Limited") to peer review and comment on all draft reports provided for the Township's review on November 17<sup>th</sup>, 2010. Following this review, the Township provided preliminary comments to the Proponent on March 18, 2011. These comments were reviewed and a response to each comment and how it

has/will be addressed by the Proponent was sent on April  $6^{th}$ , 2011. This correspondence is provided in **Appendix F**.

On April 18<sup>th</sup>, 2011 the Township of Wainfleet submitted the completed Municipal Consultation Form directly the MOE. A copy of the form and corresponding letter and attachments is provided in **Appendix F.** 

As a result of minor project modifications undertaken in Spring 2012 the Proponent provided the Township of Wainfleet with an additional opportunity to review and provide comment on updated Draft REA package materials to be finalized prior to submission to MOE. Updated Draft REA reports and Municipal Consultation Form were provided to the Township for review and comment on April 20<sup>th</sup> 2012. A copy of this correspondence is provided in **Appendix F**.

At the time of the Proponent's REA application submission to MOE, no further comments had been provided by the Township of Wainfleet.

#### 4.3.2 Niagara Region

The Municipal Consultation Form for the Wainfleet Wind Energy Project was distributed to Niagara Region on November 29, 2010. Following a review of the Draft REA package for the Wainfleet Wind Energy Project the Region submitted a completed Municipal Consultation Form to the Proponent on April 1, 2011. A copy of the form and corresponding letter are provided in **Appendix F.** 

The Region's comments were reviewed by the Proponent and a response to how each comment was considered/addressed is provided in **Appendix F.** 

As a result of minor project modifications undertaken in Spring 2012 the Proponent provided Niagara Region with an additional opportunity to review and provide comment on updated Draft REA package materials to be finalized prior to submission to MOE. Updated Draft REA reports and Municipal Consultation Form were provided to the Region for review and comment on April 20<sup>th</sup> 2012. A copy of this correspondence is provided in **Appendix F**.

On June 29, 2012, Niagara Region completed their review of the updated Draft REA Package and submitted a revised Municipal Consultation Form to the Proponent. A copy of this form is provided in **Appendix F**.

# 5.0 Aboriginal Consultation

Aboriginal consultation is a mandatory component of the Renewable Energy Approval process as defined under O. Reg. 359/09. The Proponent's consultation program was designed to notify and share information with Aboriginal communities early on in the planning process in order to:

- Obtain information on any potentially affected rights;
- Listen to any concerns raised by an Aboriginal community; and
- Consider any adverse impacts and determine how to address concerns, including attempting to avoid, minimize and/or mitigate adverse impacts on Aboriginal or treaty rights.

# 5.1 Identifying Aboriginal Communities and Potential Interests

It is the Crown's Duty to Consult with Aboriginal communities in relation to potential or established Aboriginal or Treaty rights. The legal duty to consult rests with the Crown, however through the REA process the Crown has delegated procedural aspects of consultation to the Proponent. Therefore Proponents of renewable energy projects are required to engage in meaningful consultation with Aboriginal communities.

The project's Draft Project Description Report was provided to MOE in April 2010 to obtain a list of aboriginal communities in accordance with S. 14 of O. Reg. 359/09 who may have constitutionally protected aboriginal or treaty rights that may be adversely impacted by the project, or otherwise may be interested in any negative environmental effects of the project. A list of aboriginal communities was provided by MOE on July 9th, 2010 and identified the following communities:

- Six Nations of the Grand River:
- Six Nations of the Grand River, Haudenosaunee Confederacy Council;
- Mississaugas of the New Credit First Nation;
- Métis Nation of Ontario; and
- Niagara Region Métis Council

A copy of this letter is provided in **Appendix G**.

In addition, Indian and Northern Affairs Canada (now Aboriginal Affairs and Northern Development Canada) and the Ministry of Aboriginal Affairs were also contacted by the Proponent in an attempt to further identify Aboriginal communities that may have an interest in the project and to obtain any information regarding land claims in the area. Project notification letters were sent to:

- Ministry of Aboriginal Affairs (MAA), Aboriginal and Ministry Relationships Branch
- Indian and Northern Affairs Canada (INAC), A/Regional Director General

- Indian and Northern Affairs Canada (INAC), Lands and ART Lands and Trust Services
- Indian and Northern Affairs Canada (INAC), Specific Claims Branch
- Indian and Northern Affairs Canada (INAC), Assessment and Historical Research Directorate

No additional aboriginal communities were identified as a result of correspondence with these agencies.

#### 5.2 Consultation Activities

### 5.2.1 Notice of Proposal to Engage in a Project and Notice of Public Meeting # 1

The combined notice of Proposal to Engage in a Project and Notice of Public Meeting #1 was sent to all Aboriginal communities identified on the list provided by MOE on July 22, 2010. The notice was accompanied with a corresponding cover letter providing additional information regarding the project, Proponent, and information the Project Team had gathered regarding any negative impacts on constitutionally protected Aboriginal and Treaty Rights. Copies of these letters are provided in **Appendix G.** 

No individuals or representatives identified themselves at the first public meeting as being from an Aboriginal community. For additional information regarding Public Meeting #1 please refer to **Section 3.3.2**.

## 5.2.2 Follow Up Letter and Distribution of Draft REA Reports and Studies

On November 24<sup>th</sup>, 2010 the Proponent sent a follow up letter to all identified aboriginal communities further requesting to be notified of any information the community had regarding the proposals impact on Aboriginal Treaty Rights or interests. At this time, the Proponent distributed Draft REA reports and studies for review and comment in advance of the project's second public meeting as required by s. 16(5) of O. Reg. 359/09. Copies of these letters are provided in **Appendix G.** 

# 5.2.3 Notice of Public Meeting #2 and Redistribution of Draft Reports and Studies

The Notice of Public Meeting #2 was published in the Aboriginal newspaper Turtle Island News on Wednesday April  $18^{th}$ , 2012, Wednesday May  $23^{rd}$ , 2012 and again on Wednesday June  $13^{th}$ , 2012. This newspaper has circulation covering the Six Nations of the Grand River Territory.

The Notice of Pubic Meeting #2 was sent to Aboriginal communities on April 30<sup>th</sup>, 2012. This correspondence included an accompanying cover letter, again requesting information any adverse impacts the project may have on constitutionally protected Aboriginal or treaty rights and any measures for mitigating those impacts. The Proponent advised of their intention of submitting the REA application to MOE in early July 2012, and requested

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the Aboriginal community provide in writing any information that should be considered in finalizing the project's application and supporting materials. Draft REA reports were again provided along with a corresponding summary of each report required to be submitted as part of the REA application.

Copies of these letters are provided in **Appendix G.** 

**Table 8** provides a summary of the distribution of all required materials to identified Aboriginal communities under O. Reg. 359/09.

Table 8: Summary of Distribution of Required Materials under O. Reg 359/09				
Aboriginal Community	Notice of Proposal to Engage in a Project and Public Meeting #1	Follow Up Letter, Draft Project Reports/Studies	Notice of Public Meeting #2, Redistribution of Draft Project Reports/Studies	
Six Nations of the Grand River	July 22 <sup>nd</sup> , 2010	November 24 <sup>th</sup> , 2010	April 18 <sup>th</sup> , 2012 April 30 <sup>th</sup> , 2012	
Six Nations of the Grand River Haudenosaunee Confederation Council	July 22 <sup>nd</sup> , 2010	November 24 <sup>th</sup> , 2010	April 18 <sup>th</sup> , 2012 April 30 <sup>th</sup> , 2012	
Mississaugas of the New Credit First Nation	July 22 <sup>nd</sup> , 2010	November 24 <sup>th</sup> , 2010	April 18 <sup>th</sup> , 2012 April 30 <sup>th</sup> , 2012	
Métis Nation of Ontario	July 22 <sup>nd</sup> , 2010	November 24 <sup>th</sup> , 2010	April 18 <sup>th</sup> , 2012 April 30 <sup>th</sup> , 2012	
Niagara Region Métis Council	July 22 <sup>nd</sup> , 2010	November 24 <sup>th</sup> , 2010	April 18 <sup>th</sup> , 2012 April 30 <sup>th</sup> , 2012	

# 5.3 Responses

A summary of the responses from Aboriginal communities regarding the Wainfleet Wind Energy Project is detailed in **Table 9**.

Table 9: Summa	ary of Information Received as Required	by s. 14, 16 and 17
Aboriginal Community	Response and Information Provided	How It Was Addressed
Six Nations of the Grand River	No information received to date	N/A
Six Nations of the Grand River, Haudenosaunee Confederacy Council	A letter was sent by the Haudenosaunee Development Institute (HDI) on June 19th 2012 identifying that they have treaty rights, in the particular area proposed for the Wainfleet Wind Energy Project. HDI requested further engagement to determine if the nature of the infringements are justified or can be accommodated.	The Proponent sent a response letter dated July 6th 2012 requesting a meeting to provide additional information regarding the project and further discuss identified concerns.  Proponent will continue to discuss this project with HDI and/or Haudenosaunee leadership, as appropriate.  The project location is not located within the Haldimand Tract.  The Nanfan Treaty of 1701 dealt with hunting and fishing (harvesting) rights. The project is located on private lands and should not impact any existing access rights to lands for
Mississaugas of the	No information received to date.	harvesting or fishing.
Mississaugas of the New Credit First Nation	ivo imormation received to date.	N/A
Métis Nation of Ontario	No information received to date.	N/A
Niagara Region Métis Council	No information received to date.	N/A

#### 5.4 Concerns

To identify potential impacts the proposal may have on Aboriginal or treaty rights, consultation with Aboriginal communities commenced at the onset of the REA planning process (July 2010). As the project progressed and important milestones were reached, updates and notifications were provided to each identified aboriginal community in order to solicit feedback and identify areas of concern or potential impacts. Despite the Notice of Proposal to Engage in a Project, follow up letter and distribution of draft REA materials having been circulated for review and comment early in the planning process, the Proponent only recently received feedback on June 19th, 2012, from the Haudenousanee Development Institute (HDI), on behalf of the Six Nations of the Grand River, Haudenousanee Confederacy Chiefs Council. In their letter, the Haudenousanee Development Institute (HDI) have requested further engagement with respect to negative potential impacts the proposal will have on treaty rights. Two calls were placed to HDI on July 3<sup>rd</sup>, 2012 and July 5<sup>th</sup>, 2012 respectively to arrange a meeting between the HDI and the Project Team. In addition, the Proponent sent a response letter July 6th, 2012 requesting to meet with the HDI to further discuss the proposed project, understand their concerns, and to provide clarification. It is the Proponent's understanding that Haudenousanee treaty rights do not extend to the area in which the project will be located, as it will be located on private land, outside of the Haldimand Tract and will not impact any existing access rights to lands for harvesting purposes. However, the Proponent will continue to discuss this project with HDI and/or Haudenousaunee leadership, as appropriate.

# 6.0 Agency Consultation

# 6.1 Ministry of the Environment

In April 2010 the Proponent provided the Ministry of the Environment (MOE) with the draft Project Description Report to obtain the Aboriginal Community consultation list, as previously discussed in **Section 5.1**.

On July 22<sup>nd</sup>, 2010 the Proponent provided MOE's Director and District Manager (Niagara District) with the Notice of Proposal to Engage in a Project and Notice of Public Meeting #1 in accordance with s.15 of O. Reg. 359/09.

On December 20<sup>th</sup>, 2010 an invitation was sent to MOE's Director notifying the Ministry that the Proponent was sponsoring a Wind Energy Information Session on January 25<sup>th</sup>, 2011.

On April 13<sup>th</sup>, 2012 the Proponent provided MOE's Director and District Manager (Niagara District) with the Notice of Public Meeting #2 in accordance with s.15 of O. Reg. 359/09.

Copies of notification letters are provided in Appendix H.

#### 6.2 Ministry of Tourism, Culture, and Sport

As part of this undertaking, the Ministry of Tourism, Culture and Sport (MTC) was consulted. Written comments with respect to the project's Archaeological and Heritage Assessments was sought as required by s. 22(3)(a) and s.23(3)(a). of O. Reg. 359/09 to be submitted as part of the Proponent's REA application to the MOE.

### 6.2.1 Archaeological Assessment

Individual Stage 1 and 2 Archeology Assessments were submitted to MTC on October  $7^{th}$ , 2010 for review and comment. A written comments letter for the Stage 1 and 2 archaeology assessment reports was issued on November  $10^{th}$ , 2010.

An additional Stage 2 Archeology Assessment was submitted to MTC on January  $18^{th}$ , 2012 for a revised switching station location. An updated letter was issued by MTC on February  $8^{th}$ , 2012.

On April  $3^{\rm rd}$ , 2012 an additional Stage 2 Archaeology Assessment was submitted for MTC due to project modifications resulting from consultation with the Township of Wainfleet. A revised underground collector/access road route servicing turbines 2 and 3 was incorporated into the project. A revised comment letter was provided by MTC on April  $5^{\rm th}$ , 2012.

A final copy of the letter providing the MTC's written comments as required under s. 22(3)(a) of O. Reg. 359/09 is provided in **Appendix H.** 

#### 6.2.2 Cultural Heritage Assessment

The Cultural Heritage Assessment for the Wainfleet Wind Energy Project was submitted to MTC on September  $7^{th}$ , 2010. Ministry comments were received on the finalized report on March  $2^{nd}$ , 2011. The Ministry's written comments as required under s. 23(3)(a) of 0. Reg. 359/09 is provided in **Appendix H**.

On April 10<sup>th</sup>, 2012 a meeting was held with MTC staff to discuss project modifications resulting from the relocation of the underground collector/access road route servicing turbines 2 and 3. As a result of discussions and follow up correspondence with MTC it was confirmed that project modifications incorporated in the spring of 2012, did not impact the previous study findings and a revised comment letter under s. 23(3)(a) was not required. Copies of this correspondence are provided in **Appendix H.** 

#### 6.3 The Ministry of Natural Resources

The Ministry of Natural Resources (MNR) was consulted in order obtain the Ministry's written confirmation with respect to the project's Natural Heritage Assessment (NHA) and Environmental Impact Study (EIS) in accordance with s. 28(b) and 38(2)(b) of O. Reg. 359/09. A copy of the confirmation letter is provided in **Appendix H.** 

### 6.4 Other Agency Consultation

In addition to the provincial ministries required to be consulted in order to obtain written comments on project assessments under O. Reg. 359/09, the Proponent expanded consultation and project notification to other provincial, federal, and governing authorities.

At this time, there are no concerns that have been identified as a result of consultation efforts for the proposed Wainfleet Wind Energy Project. A complete project stakeholder mailing list is provided in **Appendix A**.

#### 7.0 Additional Stakeholder Consultation

## 7.1 Skydive Burnaby

As part of the stakeholder consultation for this project, Skydive Burnaby was advised of the undertaking. Skydive Burnaby is a local skydive business, located within the general vicinity of Turbine 4 and 5. The Project Team engaged in extensive consultation with this stakeholder throughout the Project's planning and development. Copies of correspondence and consultation efforts are provided in **Appendix I.** The intent of including the comprehensive documentation of all efforts to discuss and accommodate Skydive Burnaby's concerns is to highlight the good faith efforts on the part of the Proponent to make all reasonable accommodations possible. A summary of the consultation undertaken with Skydive Burnaby as well as with other respondents and members of the public regarding Skydive Burnaby is provided in **Table 10**.

In the early development phase of the project existing land use was investigated to determine site suitability. Within the confines of the Port Colborne Registered Aerodrome, lands immediately adjacent to the proposed project location (turbines 4 and 5), on the west side of Station Road were rezoned by the Township of Wainfleet and Niagara Region in 2005 to permit the placement of 3 wind turbines for a separate project unrelated to the Wainfleet Wind Energy Project. With the understanding that no objections had been put forth by the aerodrome operator, members of the Project Team approached Skydive Burnaby and notified them of the Proponent's intent to place turbines within the vicinity of Station Road. At that time, Skydive Burnaby confirmed with members of the Project Team that the setback distance would be acceptable; however locating any closer would negatively impact their business.

Much of the consultation undertaken with Skydive Burnaby focused around issues of safety and possible impacts to the business as a result of the Wainfleet Wind Energy Project's operation. In an effort to discuss and relay the safety concerns, Project Team members corresponded with representatives from Skydive Burnaby and made repeated attempts to meet with them directly once a concern had been identified. Responding to this group's concerns, the layout of the turbines was changed to reflect a greater setback distance of approximately 1.8 km from their business operations. Despite this design change, Skydive Burnaby continued to have concerns regarding safety. Additionally, the Proponent offered, at no charge, two alternate landing areas which are well away from the turbines for use for a 20 year period as well as retraining costs. These offers were refused by Skydive Burnaby with no further negotiation.

The planning process as prescribed under Ontario Regulation 359/09, requires that consultation be undertaken with relevant government agencies. Both Transport Canada and NAV Canada were consulted with, and provided project and design information. Skydive Burnaby was made aware that ongoing consultation was underway with these agencies, and they were provided with information regarding the specific contacts at both agencies who were handling the Wainfleet Wind Energy Project files. Through consultation

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with both agencies neither agency voiced an objection to the project provided regulations as imposed by the appropriate governing authorities were adhered to.

Despite an extensive consultation program being undertaken with Skydive Burnaby, this group does not support the project.

As previously stated, the Wainfleet Wind Energy Project adheres to regulated setback distances as stipulated by the Ministry of the Environment. Furthermore, no government agency contacted with jurisdiction over aircraft safety and navigation opposed the project. As such, the Project Team does not agree with Skydive Burnaby's position regarding the Wainfleet Wind Energy Project.

### 7.2 Canadian Sport Parachuting Association

The Canadian Sport Parachuting Association (CSPA) took an interest in this project in response to the concerns voiced by Skydive Burnaby; a member of this organization. The position held by the CSPA was that despite adhering to the setback distances established by the Ministry of the Environment, the introduction of this land use would introduce additional risk and liability to skydivers.

In an attempt to understand industry standards the Proponent reviewed CSPA's Parachutist Information Manual (PIM), which in various parts provides Basic Safety Rules (BSR), Technical Recommendations (TR) and other matters, as well as a large number of Technical Bulletins (TB). Technical Recommendation 3.1 provides the minimum setback distances from the target in every direction to the nearest hazard:

- 100 metres for students, Solo, A & B CoP holders, and
- 25 metres for C and D CoP holders.

Hazards were defined to include: transmission lines, open bodies of water, well-travelled roadways and towers and buildings.

The Proponent engaged in correspondence with CSPA in order to obtain further information regarding potential impacts the project may have on Skydive Burnaby's operations. The Proponent requested to be provided with a permissible setback distance from such operations based on scientific calculations of wind speed and drop patterns, however, despite follow up requests such information was never provided.

It was the CSPA's position that the process to be followed for the construction of wind turbines and cell phone towers located in close proximity to an aerodrome, whether registered or not, should include an Aeronautical Study process under the Canadian Aviation Regulations (CARs) to assess environmental, regulatory and land use impacts. Furthermore, the CSPA's stated position is that any land use or environmental study or review that does not include CSPA and the local drop zone operator is not complete and therefore open for review. While the Proponent disagrees with this position, CSPA was consulted as part of this Project. CSPA is not a provincial, nor federal regulatory agency and

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therefore, it is the Proponent's position that they are not bound by CSPA recommendations or internal organization protocols.

Date	Type	Skydive Burnaby Comment/Concern	Response/How Comment Was Addressed	Date Response Sent
September 1, 2009	Meeting		Project Team members met with owner of Skydive Burnaby to inform them of the project and to discuss potential concerns with locating turbines within the vicinity of their operations. The owners of Skydive Burnaby advised that locating turbines along Station Road, was an acceptable distance from their drop zone.	N/A
July 22 <sup>nd</sup> , 2010	Letter		The Proponent sent the project's official Notice of Proposal to Engage In a Project and Notice of Public Meeting #1.	N/A
August 27 <sup>th</sup> , 2010	Fax/email	<ul> <li>Comment Form from Public Meeting #1 (August 24th, 2010) submitted to the Project Team. This comment form stated the following:</li> <li>Concerned with the positioning of turbines from the respondents skydiving operation</li> <li>Concerned with possible turbulence the project would create</li> <li>Turbines west of the parachute aerodrome would cause havoc for the safety of parachutists</li> <li>It was suggested that the Project Team consider turbine placement north of Highway 3</li> <li>Consider Transport Canada's Standard 4.0 Obstacle clearance</li> <li>Standard to turbulence is 10x the height of the obstacle 380m x 10= 3800 m minimum distance to avoid turbulence for parachutists</li> </ul>	The Project Team acknowledged receipt of the comment form and stated that the team would like to consider these comments in developing the project and turbine locations. The team advised that the Proponent is also consulting with Transport Canada and NAV Canada for input into the design.  The correspondence also clarified turbine height (obstacle height) from the tip of the blade is 145 metres and not 380 metres as suggested in the respondent's correspondence.  The respondent was advised that the Project Team would provide turbine locations for review/comment once they had been determined.	August 30 <sup>th</sup> , 2010
August 30 <sup>th</sup> , 2010	Email	The Mayor of Wainfleet emailed the Project Team to advise that Skydive Burnaby had voiced some concerns regarding the potential placement of project turbines. The correspondence stated that the concern was regarding the potential for turbulence being created for up to six miles away. Mayor Henderson stated that the concern was for the overall safety of the parachutists. She indicated that Skydive Burnaby had faxed their concerns to the Proponent and that she anticipated that the Proponent would follow-up.	Comment noted	N/A

August 30 <sup>th</sup> , 2010	Email	Requested to be advised of the Transport Canada and NAV Canada contacts the Project Team is consulting with so as the respondent could also be involved in any meetings/discussions with these agencies.	The Project Team thanked the respondent for their interest in the project and advised that consultation with NAV Canada and Transport Canada was currently underway.  Comments/feedback received from these agencies would be incorporated into the design of the project, where appropriate. Once the Project Team determined the turbine layout, NAV Canada and Transport Canada would be advised so that they could provide comment.  Contact information for NAV Canada and Transport Canada representatives were provided	August 30 <sup>th</sup> , 2010
December 6 <sup>th</sup> , 2010	Phone/email		A Project Team member contacted Skydive Burnaby to setup a meeting to discuss the project's draft site plan and turbine locations. The site plan was emailed to Skydive Burnaby for review.  No response was received from Skydive Burnaby with respect to setting up at meeting to discuss the draft site plan.	N/A
December 17 <sup>th</sup> , 2010	Email/Letter	A letter was sent by Mr. Mike Haines at Peter Kormos' M.P.P Constituency Office to the Proponent. This letter stated that he had been contacted by Skydive Burnaby's regarding the following concerns with the Wainfleet Wind Energy Project:  • Concerned with the location of Turbines 4 and 5 directly upwind from the main landing area which would create turbulence for jumpers  • Previously Skydive Burnaby had mentioned that anything west of Station Rd. would not affect the business "too badly", however they would have to consider the site on the west side of Station Rd.  • What is the plan should one of their jumpers get caught or hit by a turbine  • Their belief that the coordinates provided in project documentation is incorrect  • Possible interference with communication radios resulting in safety issues  • Impact to the business  Concerns regarding the project already being a "done deal" as was described in the correspondence.  The respondent also stated that their biggest concern would be the loss of their business, and the history that they've created in Wainfleet, as their operation has been located in the community since the early 1960s. The respondent went on to detail the	The Project Team sent Mr. Haines and Skydive Burnaby a response letter to discuss this project.  The purpose of the correspondence was to speak to the concerns which had been raised in Skydive Burnaby's letter, and to provide additional information regarding the proposed project.  The Project Team advised that a Renewable Energy Approval (REA) from the Ministry of Environment (MOE) was being sought for this project. In accordance with the planning process prescribed under Ontario Regulation 359/09 (Renewable Energy Approvals), consultation and environmental investigations were being undertaken.  The Project Team advised that the Wainfleet Wind Energy Project had not received an approval from the MOE, nor have the required supporting documentation/reports to receive an MOE approval been submitted. The project was undertaking the necessary public, agency, and Aboriginal consultation and preparing the project's Draft REA package. Once completed, this package would be made available for public and agency review/comment.  As part of the requirements, a second public open house would be held for the project.  Additionally, the Project Team advised that a Consultation Report would be submitted as part of the final REA package to MOE. The report would document how all public and agency	December 29 <sup>th</sup> , 2010

accreditations that have been achieved by Skydive Burnaby, or persons training at Skydive Burnaby.

The respondent also described how they felt their concerns were not being responded to as the business, or Port Colborne Airport, or skydive jumper's safety mentioned in a 400 page report produced by the Proponent. The respondent asked Mr. Haines for their assistance so that Skydive Burnaby does not have to close. The respondent stated that they would be available to discuss the matter with Mr. Haines 24/7.

Mr. Haines forwarded a summary of this correspondence to the attention of John Wilkinson at the Ministry of the Environment, with a copy to the Proponent.

Skydive Burnaby also sent a slightly modified version of the letter sent to Mr. Haines to Mr. Tom Lewis of IPC Energy, the Proponent.

comments and concerns were addressed and incorporated into the final design of the project. This report will include a description of how the Project Team addressed Skydive Burnaby's concerns and comments throughout the entire planning phase of the project.

The Project Team further stated their continued commitment to adhering to all required regulatory setbacks and regulations in the design and operation of the Wainfleet Wind Energy Project. As part of this commitment, consultation with numerous agencies and stakeholders would continue.

Regarding the safety issues raised, the Project Team advised that ongoing consultation with Transport Canada (TC) was being undertaken. As part of this consultation, the Proponent advised of their submission of an Aeronautical Obstruction Clearance Form to TC for an assessment of lighting and painting requirements in support of local aviation safety. TC determined in their assessment that project turbines 2, 4, 5 would require lighting in accordance with the requirements stipulated in standard 621.19 of the Canadian Aviation Regulations (CARs), Standards Obstruction Markings.

The concerns regarding potential radio communication interference were also discussed. The Project Team was engaging in consulting with NAV Canada on this matter, as well as the Radio Advisory Board of Canada, Department of National Defense, Canadian Coast Guard, and Industry Canada's Spectrum Management and Telecommunications division. The Project Team advised that as of the writing of the response, no radio communication interference concerns were identified.

Emergency response measures were also identified as a source of concern. The Project Team directed Skydive Burnaby to review the project's Environmental Effects Monitoring Plan (available on the project's website), and specifically directed to sub-section "Accidents and Malfunctions" which discusses aeronautical obstruction for review and comment on how it could be improved.

The Project Team stated that the current turbine layout was determined based on factors such as the availability of participating landowners, and the ability to comply with the required setback distances from natural features and noise receptors (i.e. residences, schools, places of worship). Extensive environmental studies for natural heritage, cultural heritage, archeology, and noise were undertaken to assist in determining the best location for the project's five wind turbines within the

			study area. In an attempt to be conscientious of Skydive Burnaby's location, the design of the proposed turbine locations had already been previously altered.  The correspondence further stated that the Project Team's objective is to leave no residual negative effects as a result of the project's operations, while providing a clean and renewable source of energy within the Township of Wainfleet.  At the time of the response, public and agency consultation for the Wainfleet Wind Energy Project was ongoing and additional correspondence or comments from any interested stakeholder(s) concerning the project's design and the content of all required project reports and studies that will be submitted to MOE for approval were welcome.	
December 21st, 2010	Faxed Notice		The Proponent received a notice sent to local residents by Tara and Mike Pitt, the owners of Skydive Burnaby, regarding a public meeting that was to be held on January 15 <sup>th</sup> , 2011 regarding the project. The Project Team contacted the meeting organizers requesting that they be allowed to partake in the meeting. For the response that was received please refer to correspondence dated January 6 <sup>th</sup> , 2011.	N/A
December 2010- January 2011	Email	Over the course of December 2010 and January 2011 the Project Team received and was forwarded various emails sent to Township Council from Skydive Burnaby employees and patrons who expressed concern regarding the proposed locations of Turbines 4 and 5 in proximity to Skydive Burnaby's operations. Many of the comments received stated:  • Turbines 4 and 5 would pose a hazard to skydiver safety. • Consider Transport Canada Standard AGA 4.0 Obstacle Clearance • Turbulence created by the turbines would put skydivers at risk. • Do not located turbines upwind of the Skydive Burnaby drop zone. • The locations of Turbines 4 and 5 would negatively impact Skydive Burnaby's business and surrounding local establishments that patrons frequent.	Comments noted. The Project will adhere to all applicable regulatory requirements. Transport Canada has been consulted with respect to this project. In addition, the Proponent has consulted with Skydive Burnaby and CSPA to determine an appropriate setback distances from such facilities, based on scientific evidence. To date no information has been provided to the project team.	

January 5 <sup>th</sup> , 2011	Letter		The Project Team sent a letter to the Township of Wainfleet, Mayor and Skydive Burnaby requesting a meeting to discuss Skydive Burnaby's concerns in an attempt to resolve the problem amicably between both parties.  The Proponent sent a follow up request on January 11 <sup>th</sup> , 2011.	N/A
January 6 <sup>th</sup> , 2011	Email	In response to the Project Team's request to provide a presentation at a public meeting Skydive Burnaby had been distributing notice of, John Laforte, President of Wind Concerns Ontario, sent the Project Team a response which thanked them for their interest but declined their request to present at this public meeting.  The respondent stated that the responses provided by the Project Team demonstrated a lack of interest in hearing the other opinions on the issue, or facilitating in a dialogue.  The respondent advised that if a joint meeting was intended, the Proponent should advise of alternate dates and the respondent would consider it.  The respondent goes on to state that the Proponent should hold an open public consultation which consists of a central presentation, real experts and an opportunity for audience questions	Subsequent to this email, IPC Energy hosted a Renewable Energy (Wind) Information Night for local residents on January 25 <sup>th</sup> , 2011. The intention of this event was to better inform local residents of the facts regarding renewable energy.  For further details of this event please refer to Section 3.4.1 of this report.	N/A
January 9 <sup>th</sup> , 2011	Email	The Project Team received correspondence which supported the project in light of the recent concerns being voiced by Skydive Burnaby.	The Project Team thanked the respondent for their comments	January 10 <sup>th</sup> , 2011
January 11 <sup>th</sup> , 2011	Email		The Project Team requests again to arrange a meeting with Skydive Burnaby and the Mayor of Wainfleet.  The owners of Skydive Burnaby responded stating availability for a meeting the following week. They asked that the Project Team schedule a date and time for the meeting and advise.  In follow up correspondence the Project Team was advised that the proposed meeting date could not accommodated within the specified timeframe.	January 11 <sup>th</sup> , 2011

January 11 <sup>th</sup> , 2011	Presentation		Members of the Project Team appeared before the Township of Wainfleet Council to discuss the project in relation to concerns identified by Skydive Burnaby.  The presentation reviewed established drop zones clearances recommendations from the Canadian Sport Parachuting Associations (CSPA) manual indicating that areas used for regular parachuting operations shall be unobstructed, with the following minimum distances from the target in every direction to the nearest hazard:  • Studen, Solo, A & B CoP holders 325 ft.(100m)  • C and D CoP holders 80 ft (25m)  Hazards are defined as:  • Transmission lines  • Open bodies of water  • Fences, over 2.5 metres in height  • Towers buildings, goalposts and lamp standards  • Well-traveled roadways  • Trees, above canopy height and large forested areas  A sample flight path representation was also shown illustrating the path a jumper who deploys their cute at 3,000 feet at a distance of 2,160 metres from the drop zone based on a wind speed of 12m/s would be approximately 2,400 feet above the turbine (tip of the blade).  The Project Team also presented a wind rose produced from the met tower at the project location for the months of May-October showing that the flight path of the jumpers would only cross the turbines 15% of the time.	
January 26 <sup>th</sup> , 2011	Email	The President of the Canadian Sport Parachuting Association (CSPA) contacted the Project Team to advise that the Skydive Burnaby has informed the CSPA that the wind turbines will pose a threat to their operations. The correspondence states that the Project Team had earlier replied to Skydive Burnaby referencing the CSPA's Parachute Information Manual 1, Section 3.1 which places the turbines beyond the distances states therein. The correspondence states that these distances are for "hazards more immediately adjacent to a drop zone and do not reflect the minimum distances required from extraordinary hazards created by wind turbines; especially up wind of a landing area".  The respondent states that the CSPA is addressing what are safe wind turbine distances and will be releasing their guidance	The Project Team thanks the respondent for their comments and advises that they will be included within the documentation for the REA process.  The respondent is advised that safety assessments should be taken up with Transport Canada who is responsible for air traffic safety and related issues. The Project Team advises the respondent that as part of the REA process, both Transport Canada and NAV Canada have been contacted. Neither agency has raised concerns regarding the placement of the turbines.	January 26 <sup>th</sup> , 2011

		within 6 weeks. Final decisions regarding turbine placement are asked to be held until the CSPA have completed their investigation and reported back.		
January 27 <sup>th</sup> , 2011	Email/Letter	Skydive Burnaby requested that the Project Team review a letter they had received from NAV Canada dated January 19th, 2011, and a letter from Transport Canada. It was the position of the respondent that this correspondence stated agreement that the location of the proposed turbines would adversely affect the safety of the respondent's operations.	The Project Team thanked the respondent for the correspondence. The respondent was also advised that the team had previously received the attached letters and they were being reviewed. Both letters would be included as part of the proponent's Renewable Energy Approval (REA) package. The Project Team disagreed with the respondent that the letters received from NAV Canada and Transport Canada (TC) were evidence that both agencies were in agreement that the proposed turbine locations would adversely affect the safety of the skydiving operations.	January 28 <sup>th</sup> , 2011
			The Project Team refers to the following verbiage within Transport Canada's correspondence "land-use is a provincial jurisdiction subject to the municipal permit process and Transport Canada has no regulations that prevent landowners from development on their lands."	
			The correspondence further states that an Aeronautical Obstruction Clearance Form has been submitted for evaluation to TC and the project will comply with lighting requirements specified in their evaluation. Further, the correspondence states the Port Colborne Registered Aerodrome is not a certified airport and therefore no airport zoning regulations will be applied to lands adjacent to and in the vicinity of the airport. The lack of certification as identified by Transport Canada excludes the airspace around the Skydive Burnaby aerodrome from being declared a restricted airspace.	
			Regarding the letter received by NAV Canada concerning their review of the Land Use Proposal Form, submitted by Wainfleet Wind Energy Inc., NAV Canada clearly indicates they have no objection to the project as currently proposed.	
			The response letter goes on to detail attempts the Project Team has made to engage Skydive Burnaby in the consultation process, including providing the group with a draft site plan of the proposed project.	
			The Project Team reaffirms their commitment that the design and operation of the Wainfleet Wind Energy Project will adhere	
			to all required regulatory setbacks and regulations as imposed by the appropriate governing authorities. The letter goes on to state that the project has received no objections from any of the regulatory agencies consulted with concerning the project's	

		design and the project will continue to move forward with the planning, incorporating stakeholder comments where technically and economically feasible.  The respondent was thanked for their comments, and was advised to attend the future Public Open House.	
Week of January 24 <sup>th</sup> , 2011	Meeting	The Proponent met with Skydive Burnaby on two occasions during the week of January 24th, 2011 to discuss Skydive Burnaby's concerns and attempt to come to a resolution. For the second meeting both parties met on Station Road at the proposed Turbine 4 and 5 locations. During this discussion the Proponent approached the subject of providing additional landing areas (at no cost) within the vicinity of their operations which could be used by Skydive Burnaby over a 20-year period. Also discussed was the topic of providing financial assistance over 4 years for training and transportation from the alternate site. A formal offer was made by the attorney representing the Proponent on February 4th, 2011 and was subsequently declined by Skydive Burnaby.	N/A
January 31 <sup>st</sup> , 2011		The Project Team contacted the Director of Safety and Training for the United States Parachute Association (USPA) regarding correspondence the USPA submitted to Transport Canada regarding Skydive Burnaby. The Project Team thanked the respondent for their correspondence and stated the surprise given that they had been in correspondence with the Director of Safety for the USPA who had stated his position that the wind turbines did not pose a safety issue so long as the aircraft can operate safely. The Project Team further detailed discussions they had with two (2) fully licensed pilots who stated that it was their opinion that aircrafts would be able to operate safely.  The Project Team asked the respondent asked to provide the	N/A
		<ul> <li>Define proximity as it is stated in your letter.</li> <li>What is the scientific reasoning behind this concern.</li> <li>What regulations exist in your organization regarding any obstructions such as cell towers, transmission lines, highways, high rise buildings, etc.</li> <li>What jurisdiction do you have in Canada or Ontario to</li> </ul>	

February 22 <sup>nd</sup> , 2011 Email	The Director of Safety and Training for the United States Parachute Association replied to the Project Team's earlier correspondence dated January 31 and February 16 <sup>th</sup> , 2011 stating that their previous correspondence stated the position of the USPA and they will not be issuing further comment.	make such a claim.  • Show us proof of the number of jumps claimed at this site.  A follow up correspondence was sent to the respondent on February 16th, 2011 requesting a response to the Project Team's correspondence.	N/A
March 7 <sup>th</sup> , 2011 Email		The Project Team confirmed receipt of the previous documentation from Transport Canada and NAV Canada that had been submitted by the CSPA.  The Project Team clarifies that neither correspondence suggested that the proposed turbines would affect the safety of the Skydive Burnaby operations. The correspondence further states that consultation with Skydive Burnaby was begun early in the planning process and accommodation was made to requests made by this stakeholder to keep the turbines close to Station Road so as not to impact their business operations. The Project Team states that it is their position that the two turbines located approximately 100 m east of Station Road will not adversely impact Skydive Burnaby's operations. The correspondence goes on to state that the Project Team is open to further dialog with the owners of Skydive Burnaby and have made repeated requests regarding meetings.  The Project Team goes on to state that two alternate landing areas (at a far distance from the turbines) were offered at were offered at no cost, but this was refused.  The Project Team stated that they would appreciate the following scientific information in support of Skydive Burnaby's claim:  • Scientific drawings and calculations for both drop patterns, travel pattern calculations for both drop patterns, travel pattern calculations for both drop dropping to the drop zone.  • Scientific calculations of the turbulence horizontally and vertically including turbulence intensities from the turbines up to and including your drop zone. The information may include wind roses and turbulence roses	N/A

			from all sectors and detailed description of the flight timing and turbulence correlation. Please let us know which model has been used for these calculations.  Please let us know why you had not objected to the another project having turbines just west of the Station Road.  Please let us know how do you avoid other obstructions such as trees, wood lots, wet lands, water bodies, transmission/distribution lines, roads and traffic. If your students can avoid all of these obstructions in close proximity, how can they not avoid turbines so far?  Please tell us if returning to the drop zone is a rule or exception. If you are supposed to return to the drop zone normally, how could you travel 1700m horizontally if you were at the height of only 150m at a distance of 1700m?  Do you take prior written permission from the land owners where your students may drop as required by regulation/CSPA guideline?  The Project Team requested a quick response to their correspondence.
March 15 <sup>th</sup> , 2011	Email		The Project Team followed up via email to the respondent stating that previous consultation attempts had been ignored by the respondent's organization (the CSPA) and that they would appreciate a response to their earlier clarifications.
March 16 <sup>th</sup> , 2011	Email	A member of the CSPA asked that the Project Team contact the respondent at the telephone number provided to discuss the project.	A member of the project team followed up on this request and provided Skydive Burnaby's legal representation's contact information.
April 28 <sup>th</sup> , 2011	Email		A member of the Project Team sent an email to the owners of Skydive Burnaby detailing the consultation attempts that had been made with Transport Canada, CSPA and Skydive Burnaby. Despite consultation attempts, to date no scientific evidence had been shown to support Skydive Burnaby's concerns of any hazard this project would create for their operations.
April 28 <sup>th</sup> , 2011	Email	In response to the Project Team's above correspondence dated April 28th, 2011, Skydive Burnaby sent the Project Team an email advising that they continue to have concerns regarding the undertaking.  The email states that they had previously left a comment stating	The Project Team advised the respondent that Transport Canada does not regulate obstacle clearance and the 4 km the respondent refers to in their correspondence is reserved only for a designated airspace. The respondent is advised that the area their airfield operates within does not have this designation and therefore, they have no control over the space, nor is it

		the standard Transport Canada obstacle clearance is 4 km. The previous reference to 380 metres was made in error.  The email states that both the location of the turbines as well as turbulence generated by the turbines remain issues for the CSPA. The email concludes requesting the Project Team contact their new CSPA president and provides his contact information.	considered restricted airspace. Therefore, the respondent does not have the authority to restrict the use of the space nor does the respondent have exclusive rights to the space.  The Project Team advises that if the project is to consider adhering to the club's observations, these must be based on sufficient scientific evidence. The correspondence further states that at the time of the letter, the Project Team did not receive anything from CSPA despite providing sufficient time for a response.  As the Project Team has previously contacted members of the CSPA, they were advised that if CSPA had anything to add, then they should be directed to contact the Project Team.  The correspondence goes on to state that Skydive Burnaby and their attorney have been unwilling to consider any type of negotiations to find an alternative solution to this situation.
April 29 <sup>th</sup> , 2011	Email	The Canadian Sport Parachuting Association ("CSPA") emailed the Project Team to advise of their position regarding the turbines to be located in proximity of Skydive Burnaby.  The email states that the CSPA supports and adopts the Transport Canada standards, TP312 "Aerodrome Standards and Recommended Practices", as the standards to quantify and limit the aviation risk from other activities at or near aerodromes. The CSPA also supports the guidance in Transport Canada publication, TP 1247 "Land Use in Vicinity of Airports". The clearances noted by Transport Canada are essential to the safety of aircraft and parachutist. The email also states CSPA support and approval of the CSA Q850 Aeronautical Study process as the appropriate risk determining method for aeronautics. It is the CSPA's position if wind turbines and cell phone towers are to be used in close proximity to an aerodrome, whether registered or not, the appropriate environmental, regulatory and land use review should also include the Aeronautical Study process under the Canadian Aviation Regulations (CARs), which is the CSA Q-850 process.  The correspondence further states safety concerns regarding low parachute opening points and possible entanglements in the wind turbine. The respondent suggested that the correspondence be sent to the Proponent's financial institutions and insurance agents. It further stated in the event of an accident their email will be forwarded to potential Plaintiffs and Insurers.  The email further states that it is CSPA's position that any land use or environmental study/review must include CSPA	

		consultation.		
April 13 <sup>th</sup> , 2012	Email/Letter		The Project Team emailed and sent via mail to Skydive Burnaby information regarding Public Meeting #2 for the Wainfleet Wind Energy project.	
April 27 <sup>th</sup> , 2012	Email		The Project Team advised that as various email addresses have been recorded for the respondent, all correspondence delivered to <a href="mailto:tara@skydiveburnaby.com">tara@skydiveburnaby.com</a> was hand the delivered to the respondent's residence on April 13 <sup>th</sup> 2012. Included within this package was correspondence sent to every email address on file for this respondent.  The respondent was also advised that hard copies of all Wainfleet Wind Energy's REA reports, including all draft project materials were provided to the Township and local library for review. The respondent was directed to the project's website for digital copies of the reports.	
April 30 <sup>th</sup> , 2012	Email	The respondent advised that they had received the Project Team's most recent correspondence regarding the progression of the project. They stated that their concerns regarding safety as well as those of their customers remain unchanged.  The correspondence goes on to state that the proposed location for Turbines #4 and #5 are too close to the Skydive Burnaby landing area.  Reference is made to a previous correspondence sent to the Project Team by the President of the Canadian Sport Parachute Association, David Hodge, regarding safety concerns. The respondent states a desire to discuss possible alternatives to the situation. The correspondence states that jumpers are dropped based on calculations that are received from "upper winds" and that the location of proposed Turbines 4 and 5 are in the direction that Skydive Burnaby jumpers are dropped 80% of the time. The correspondence states that this has been made clear from day one to the Project Team and will continue to remain unchanged.	The Project Team thanks the respondent for acknowledging receipt of recent correspondence, and notice of the upcoming Public Open House #2.  The response further states that the intention of the previous correspondence was to ensure the respondent was aware of the upcoming public meeting and to re-establish a constructive dialogue between both parties.  The Project Team states their desire to continue in-person discussions regarding concerns with the proposed location of Turbines 4 and 5. The correspondence goes on to state that to ensure the Project's facility meets the regulatory requirements of aviation safety/lighting, consultation with Transport Canada and NAV Canada continues.  The respondent was asked to advise of a convenient meeting date.	
May 23 <sup>rd</sup> , 2012	Email		As a follow up to their earlier correspondence dated May 3 <sup>rd</sup> , 2012, the Project Team proposes the following dates for a meeting:  • Wed May 30 <sup>th</sup> , or Thurs May 31 <sup>st</sup> (Morning or Afternoon)  The respondent is advised that if they are unable to meet on the above dates, to provide a more suitable meeting date and the Project Team will try to accommodate.	

May 30 <sup>th</sup> , 2012	Email	The respondent advises that they are unable to meet on either proposed date but inquires if the Project Team has any availability the following week.	The Project Team advises that during the following week only Thursday is available. The respondent is asked to advise if Thursday is convenient and if so, what time would be best.  No response was received from Skydive Burnaby.	June 1 <sup>st</sup> , 2012
May 31 <sup>st</sup> , 2012	Letter	Malcolm Allen, M.P.P for the Welland Riding, wrote to the Project Team on behalf of his constituents, Mike and Tara Pitt, the owners of Skydive Burnaby.  Mr. Allen stated that his constituents are concerned regarding the location of turbines 4 and 5. He stated that because the turbines were located up wind of the landing area this would pose a serious threat to Skydive Burnaby's operations and customers.  The correspondence further states that Skydive Burnaby attracts over 2,000 tourists to the Niagara Region each year and further details their contribution to the local economy. The correspondence states that the operations at Skydive Burnaby would be put in extreme hardship should the turbines be placed so close (1.7 km) to their business.  Mr. Allen states that it is his belief that the Proponent does not intend to construct a facility which would negatively impact the local community. He further states that he believes the Project Team will review the matter with thorough and indulgent consideration, and advises that he may be contacted if additional information is required.	The Project Team advised that the regulation of wind farms is a Provincial matter, however, both Transport Canada and NAV Canada, have been included as stakeholders in the project. To ensure the project meets or exceeds the guidelines for transportation safety established by these Federal agencies, the Project Team has been in close consultation. Instructions from Transport Canada regarding requirements for lighting of the towers have been received and clearance from NAV Canada regarding transportation safety for this project has been given. The correspondence further states that the Proponent, IPC Energy, has gone to great lengths to accommodate the concerns of Skydive Burnaby. The correspondence details the first meeting held with the owners of Skydive Burnaby in September of 2009. At that time the Project Team inquired if the owners of Skydive Burnaby had any concerns regarding the location of wind turbines in proximity of their business. It was indicated that as long as the Proponent kept to the west side of Station Road, the owners of Skydive Burnaby were not opposed to the project. The correspondence also describes that while a turbine had been planned to be located east of Station Road, within 1 km of their drop zone, to incorporate the concerns of Skydive Burnaby this tower was moved to a distance of greater than 2 km. While this new location negatively impacts the Proponent's profits as it does not have the same wind resource as the original, safety was the first concern.  The Project Team detailed a comment left by M. Pitts at the first open house stating his requirement that wind turbines not be placed within 10 times the height of the turbine. If we consider from the ground to the very tip of the blade in a vertical position, 10 times this distance is 1,400 metres. The closest turbine is over 1,700 metres from Skydive Burnaby's drop zone so we have well exceeded his requirement, yet Mr. Pitt continued to object.  The Project Team's correspondence also details their attempt to further accommodate the	June 8 <sup>th</sup> , 2012

			site was offered. This offer was refused, and when IPC's attorney contacted the attorney representing the owners of Skydive Burnaby he/she was hung up on.  The correspondence goes on to detail a recent invitation to the Pitts to sit down and attempt to resolve the issue. The correspondence states that the Project Team has not had a confirmation from them (the Pitts') as to a suitable time to meet. The correspondence goes on to state IPC Energy's investigations into jump schools in other jurisdictions. According to their research, the most stringent setback was found in England where 1.4 km was recommended, but not regulated. The Project Team details that the Federal Ministry of Transportation recommends a 100 m setback from all obstacles (i.e. transmission lines, towers, etc.) from the drop zone for beginners. The correspondence states that this is far below the project's setback.  The Project Team goes on to state that it is their belief that they have been more than reasonable in their dealings with the skydive issue, however if they stated their availability for further discussion if Mr. Allen felt this was not the case.  A copy of this correspondence was sent to the owners of Skydive Burnaby on June 12 <sup>th</sup> , 2012.
June 19 <sup>th</sup> , 2012	Comment Sheet	Mr. Pitt (an owner of Skydive Burnaby) attended Public Meeting #2 for the Wainfleet Wind Energy Project and submitted a comment form. On the comment form he advised that he was concerned for the safety of his parachuters and that the project should respect local bylaws.	At the meeting Mr. Pitt was approached by two project team members who asked him if he had any questions or would like to discuss the project. Mr. Pitt declined both attempts for further discussion.
July 10 <sup>th</sup> , 2012	Email		As another follow up to earlier meeting requests in correspondence dated May 23 <sup>rd</sup> and June 1 <sup>st</sup> the Project Team proposes July 16 <sup>th</sup> or July 18 <sup>th</sup> for a meeting.  Skydive Burnaby responded stating that they did not feel a meeting would help resolve their concerns.
July 10 <sup>th</sup> , 2012	Email	Tara Pitt (an owner of Skydive Burnaby) wrote in response to the Project Team's earlier correspondence dated July 10th, 2012 suggesting a meeting on July 16th or July 18th.  The respondent apologized for not being able to set a meeting date, but stated that this was due to busy business operations.  The respondent went on to state her continued opposition to Turbines 4 and 5 based on safety reasons. The respondent goes	In response to Skydive Burnaby's statement that they could not accept the Proponent's offer for the use of two alternative landing sites, due to restricted airspace designated by Transport Canada surrounding their facility, the Proponent would like to note that the two alternative landing locations are within the 2 nautical mile (NM) confines of the Port Colborne Registered Aerodrome. The offer of financial assistance over a four year period was intended for advertising and educational purposes

on to state that 80% of the prevailing winds come from the west and jumpers are dropped 1 to 3.5 kms away from the airport which would result in their flying over top of the turbines. In the event of an emergency situation the respondent advised that jumping safety devices would bring the jumper to 450-400 feet right in line, on top of a turbine. She further advised that many jumpers have already landed in the field where turbines 4 and 5 are located. As such, the respondent stated this was a real concern and continues to be.

The respondent also detailed how these turbines negatively impact tourism and her business by threatening the safety of her jumpers.

The correspondence goes on to state that the offer of additional land north of their site was rejected because they have to adhere to Transport Canada approved areas. The offer of financial assistance to educate the public on turbines was declined because their business and concerns were in regards to safety.

The respondent goes on to advise that it is her belief that a meeting would not assist in resolving the situation.

for staff, however Skydive Burnaby would have been free to direct the funds as they saw fit should the agreement been accepted.

#### 7.2.1 Transport Canada

As part of the consultation program for the Wainfleet Wind Energy Project, Transport Canada was contacted. The role of Transport Canada with respect to obstacles such as wind turbines is to assess them for lighting and marking requirements in accordance with Canadian Aviation Regulation (CAR) 621.19 in support of aviation safety. The authority for the placement of wind turbines resides with a land use authorities and does not fall under the scope of the Aeronautics Act or the Canadian Aviation Regulations (CARs).

Aviation safety dictates that certified airports have Airport Zoning Regulations (AZR), which are federally enacted regulations restricting the heights of buildings, structures, and objects on lands in the vicinity of the airport. Landowners and lessees on lands subject to AZR must comply with the height restrictions in order to protect existing and future certification requirements. Through their consultation efforts, the Project Team was advised by Transport Canada that the Port Colborne Registered Aerodrome is not certified, and therefore no such airport zoning regulations apply.

After reviewing Transport Canada regulations, the Proponent determined that there are no regulations or standards as to distance from the landing zone ("dropzone") that should be free of obstacles except for parachute descents over or into built-up areas of open-air assemblies.

In addition, Transport Canada advised that the Canadian Sport Parachuting Association is a membership organization and does not have the authority to enforce their rules, setbacks or guidelines, expect on their own members.

As part of the consultation undertaken with Transport Canada, the Proponent submitted an Aeronautical Obstruction Clearance Form (AOCF) for the erection of the five wind turbines. These turbines are to be located on privately owned property in the vicinity of the Port Colborne Aerodrome, and were assessed for lighting and marking requirements by Transport Canada. Upon review of the AOCF, Transport Canada made recommendations regarding the lighting for the turbines. As per regulatory requirements, the Project Team shall adhere to the lighting and marking recommendations made by Transport Canada.

#### 7.2.2 NAV Canada

NAV Canada was also consulted with regards to the Wainfleet Wind Energy Project in order to ensure that the design of the project would not negatively impact any of their services, operations or infrastructure.

The Proponent submitted a Land Use Proposal Form to NAV Canada in order to evaluate the project's proposed turbine locations to ensure that the project would not interfere with NAV Canada services or its communication, navigation, and surveillance facilities. On January 14<sup>th</sup> 2011 NAV Canada completed their assessment and determined that they had no objections to the project as submitted. In a letter dated January 19<sup>th</sup>, 2011 NAV Canada continued to state that they have no objection to the proposal, however they further

advised that the project was located within the confines of advisory airspace and requested that the area's registered user/operator be contacted.

#### **7.3** Other

In the planning and development of this project the Proponent has also consulted with the Radio Advisory Board of Canada, Department of National Defense, Canadian Coast Guard, Environment Canada, and Industry Canada's Spectrum Management and Telecommunications division. To date, no radio communication or radar interference concerns have been identified as a result of our consultation activities with these agencies.

### 7.4 Summary of Concerns

The Proponent has worked to address all concerns expressed by Skydive Burnaby, where possible, throughout the planning and development phase of the project. The Proponent, to the best of their abilities has undertaken consultation and engagement with this stakeholder and the appropriate regulatory authorities to avoid and accommodate potential impacts the project may have on Skydive Burnaby's operations.

**Table 11** provides a summary of concerns expressed by Skydive Burnaby throughout the REA process, and how the Proponent has considered and addressed the concerns, where possible.

C	Many Tarata Additional d
Comment/Concern	How It Was Addressed
Consider North of Highway 3	The Proponent was able to accommodate three (3) out of the five (5) turbine locations north of Highway 3/Concession Road 1.
Consider Transport Canada's Standard 4.0 Obstacle Clearance	Transport Canada (TC) was consulted to determine regulatory requirements and appropriate setback distances for wind turbines from such facilities. TC advised there are no established setbacks from airports or aerodromes for wind turbines. Certified airports have Airport Zoning Regulations (AZR), which limit the height of obstacles in the vicinity of a aerodrome.
	Transport Canada's AGA 4.0 "Obstacle Restrictions" / TP 1247 "Land Use in the Vicinity of Airports" was reviewed. It is noted that the 4,000 metre limit on obstacles higher than 45 metres within an aerodrome's vicinity applies only to aerodromes (airports) that are listed on the "airport zoning regulations," in which the Port Colborne Registered Aerodrome does not hold such a designation, as confirmed by Transport Canada, and therefore is not subject to the 4 km setback.
Impact of turbulence on parachute descents	The turbine model selected for this project will be 145 metres tall (from the tip of the blade). At a setback distance of 1,800 metres for turbine 4 and 5 from the Skydive Burnaby drop zone this exceeds the provided requirement to avoid turbulence (i.e. 145m x10= 1,4500 metres)
Setback to avoid turbulence is	In addition, turbines are propelled by the wind. If wind conditions were strong enough to present a problem, the parachute decent would not be allowed.
10x the height of the obstacle. (380m x10=3,800 metres)	Canadian Aviation Regulations (SOR/96-433, CAR) provides (in 603.38) for the Special Flight Operations Certificate (SFOC) issuance to an appropriate applicant. We assume that Skydive Burnaby has this certificate. Standard 623 sections provide the requirements under the SFOC, such as:
	• 623.36(a) / 623.38 (A)(1)(g) "where the proposed parachute descents are to take place onto private property, declaration that the landowner or tenants have been advised of the proposed parachute descents and have no objections"
	• (B)(3) "A wind drift drop or procedure shall be conducted within one hour prior to the commencement of any parachute descents"
	• (B)(8) "Parachute descents shall be initiated no lower than 2200 feet above ground level"
	• (D)(a)-(d) provide winds speed limits for parachute descents of 15 mph for student parachutists to 25 mph for CSPA CoP levels C, D or equivalent level of experience.
Radio Interference	The project is not anticipated to have any impact on radio communication.
	The Proponent has sent project correspondence to the Radio Advisory Board of Canada, Department of National Defense, NAV Canada, Canadian Coast Guard, Environment Canada and Industry Canada's Spectrum Management and Telecommunications division. To date, no radio communication or radar interference concerns have been identified.
85% of the time Turbine 4 and 5 will be directly upwind (west) of the main landing area creating hazards for jumpers	In the early development phase of the project existing land use was investigated to determine site suitability. Within the confines of the Port Colborne Registered Aerodrome, lands immediately adjacent of the proposed Turbine 4 and 5 locations, on the west side of Station Road were rezoned by the Township of Wainfleet and Niagara Region in 2005 to permit the placement of 3 wind turbines for another wind energy project. The Project Team is of the understanding that no objections or concerns were identified by Skydive Burnaby with respect to that project.
)- F	Transport Canada was consulted to determine setback distances from skydive operations. Transport Canada advised that the authority for the placement of wind turbines resides with land use authorities and does not fall under the scope of the Aeronautics Act or the Canadian Aviation Regulations (CARs). In addition, the Proponent submitted an Aeronautical Obstruction Clearance Form (AOCF) to Transport Canada for assessment regarding lighting and marking requirements. The project will adhere to the lighting and marking recommendations made by Transport Canada.
	The Canadian Sport Parachuting Association was also consulted to determine an appropriate setback distance. To date suggestions provided by CSPA have not been applicable to this project.

"We made mention that anything located West of Station Road wouldn't effect us too badly however we would have to consider the location site on the West side of Station Road." – December 17th, 2010 Letter from Skydive Burnaby	The preliminary turbine layout included a turbine within 1km of the drop zone. The turbine was relocated to a different property within the study area at a setback distance greater than 2km.						
	Turbine 4 & 5 will only be located 98 and 130 metres east of Station Road which is not a large variance from what was stated would not affect them "too badly." In the initial planning stages of the project, prior to the initiation of the REA, Skydive Burnaby was approached to seek feedback regarding placement of project turbines on the lands within the vicinity of Station Road. At that time, members of the Project Team were informed that that setback distance would be appropriate to avoid impacts to their operation. The Proponent therefore proceeded with that understanding.  Due to the availability of land, and setback requirements from noise receptors and public roads alternative locations on the west Side of Station Road could not be accommodated.						
F							
Emergency Response Procedures	The Project Team informed Skydive Burnaby that an Emergency Response Plan had been prepared, as part of the Design and Operations Report, which included a discussion regarding Aeronautical Obstruction. The Project Team advised that the plan was open for review and comment. No comments were received from Skydive Burnaby in this regard.						
Negative impacts to their business operations and ability to make a living.	The Proponent has taken all identified concerns seriously. To ensure air safety is maintained, the project will adhere to all regulatory requirements stipulated by Transport Canada and NAV Canada. The Project Team also engaged with the Canadian Sport Parachuting Association (CSPA) in an effort to determine an appropriate setback based on scientific calculations. The Proponent has been informed that CSPA would be determining an appropriate standard setback distance from such a facility; however, to date no setback distance has been developed or provided.						
	In addition, the Proponent offered, at no charge, two alternate landing areas over a 20 year period as well as retraining/educational costs. These offers were refused by Skydive Burnaby. The Proponent's lawyer attempted to continue negotiations, however Skydive Burnaby's legal representation declined.						

#### 8.0 Consideration of Stakeholder Comments

Stakeholder input was received on the project through consultation activities undertaken with the public, municipalities, aboriginal communities, agencies, and other identified stakeholders. All comments were thoroughly reviewed and considered with regards to the design and planning of the Wainfleet Wind Energy Project.

### 8.1 Alterations to the Proposal

Several minor changes were made to the project proposal as it progressed through the planning process; however, no changes were made after the second public meeting as a result of comments received. **Table 11** provides a summary of alterations to the Proposal in response to stakeholder comments.

Table 12: Summary	of Alterations to Proposal	in Response to Comments
Stakeholder	Comment	Alteration and Rationale
Skydive Burnaby	Consider siting turbines west of Station Rd.	Project turbine located on optioned properties closer to Port Colborne Airport was removed and repositioned on property immediately east of Station Rd.
Niagara Region	Request that utilities be located on the west side of Station Rd.	Portion of underground collector route on Station Road was relocated to the west side of Station Rd as requested in consultation form submitted April 1, 2011.
Township of Wainfleet	Request that the Proponent enter into a legal agreement with the Township for the use of an un-opened road allowance (Side Road 22) and use of municipal lands within the road right-of-way for electrical collector route.	On December 12th, 2011 the Proponent requested the Township engage in further discussions regarding necessary agreements for access/use of municipal lands for the project.  Township Council denied the Proponent's request on January 24th, 2012.  The Proponent subsequently revised access and servicing to Turbines 1, 2, and 3 to utilize existing driveways and private lands, were possible.
Hydro One	Switching Station Location	Switching Station was shifted on subject property closer to interconnection point agreed upon with Hydro One

# 8.2 Alterations to Required REA Reports

Draft REA package reports submitted to the Township of Wainfleet and Niagara Region in November 2010 were updated to reflect municipal comments received as indicated in the Proponent's response found in Appendix F. Minor project modifications concerning access and interconnection of turbines 2 and 3 in the spring of 2012 were also incorporated within project reports prior to being published for a formal public review on April 18<sup>th</sup>, 2012.

No additional changes were made to Draft REA Package reports after the second public meeting.

## 9.0 Summary

This Consultation Plan Report for the Wainfleet Wind Energy Project has been prepared in accordance with the requirements of the Ministry of the Environment's Renewable Energy Approvals Regulation, O.Reg 359/09, specifically with consideration given to *Item 2* of the requirements as outlined in *Table 1* of the Regulation.

The stakeholder engagement program followed for the Wainfleet Wind Energy Project included an open dialogue with the public, agencies, Aboriginal groups, and the local township and the region. Consultation methods included public, municipal and agency meetings/presentations, telephone and email correspondence, direct mailings, public notices, and posting project materials and updates on the project's website. As part of the Project Team's consultation efforts two (2) Public Meetings were hosted, as well as a Renewable Energy Information Night which provided a general overview of the REA process, and the benefits wind power projects offer.

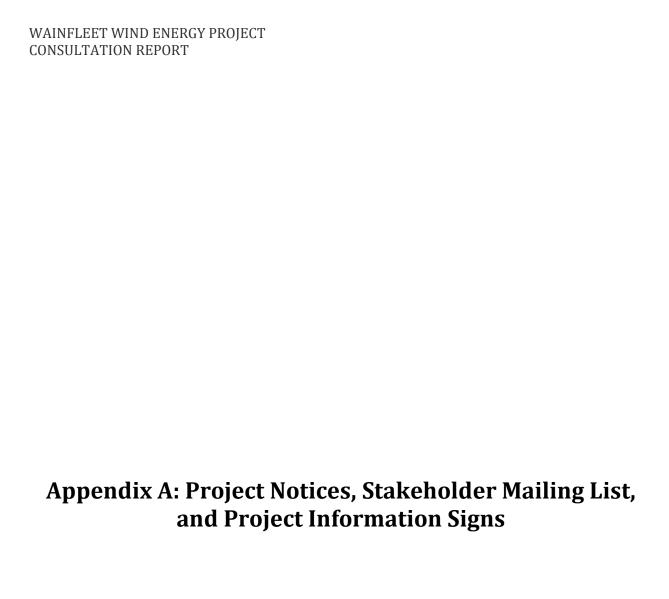
As a result of the consultation process several issues were raised that have been considered as part of the Project assessment. These issues were considered and incorporated into the REA application documents, as appropriate. Comments received were used to provide additional guidance towards the scope of the Project studies.

The documentation of the consultation process followed for this Project in the Consultation Report ensures a transparent and meaningful consultation process for all participants has been followed. As part of the Project documentation, all questions and comments received for this project have been documented, reviewed, and addressed.

## References

Ontario Ministry of the Environment (MOE), 2009. *Ontario Regulation 359/09 Renewable Energy Approvals Under Part V.O.1. of the Environmental Protection Act.* 

Ontario Ministry of the Environment (MOE), 2010. *Technical Bulletin Five. Guidance for preparing the Consultation Report.* Queen's Printer for Ontario. March 1, 2010.



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			110000101							54101		
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			Public Relations							(000) 000 0000, 0000 0000		
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Mr.	Angelo	Di lanni	Director of Education	Niagara District Catholic School Board	427 Rice Road		Welland	Ontario	L3C 7C1	(905) 735-0240	(905) 734-8828	
Mr.	Gary	Crole	Separate School Trustee, English	Niagara District Catholic School Board	427 Rice Road		Welland	Ontario	L3C 7C1	(905) 892-8717		
			Sector							<u> </u>	<u> </u>	<u> </u>
Mr.	Bob	Saracino	Director	Port Colborne-Wainfleet Chamber of	76 Main Street West		Port Colborne	Ontario	L3K 3V2	(905) 834-9765	(905) 834-1542	
		<u> </u>		Commerce							<u> </u>	
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L				Detachment							ļ	
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		<u> </u>	Support		_						1	<del>-</del>
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ls.	Barbara	Harris	Councillor, District Six	Six Nations of the Grand River Territory	RR 2		Ohsweken	Ontario	NOA 1M0	(905) 765-8512		
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Sir/Madame		1386360 Ontario Ltd	42771 Gilmore Rd	RR 1	Wainfleet	Ontario	LOS 1V0		
Sir/Madame		1448077 Ontario Limited	C/O Bill Loeffen	41655 Mill Race Rd, RR 3	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		1448077 Ontario Limited	C/O William Loeffen	1933 House Rd, RR 1	Stevensville	Ontario	L0S 1S0		
Sir/Madame		1573104 Ontario Inc	523 Upper Wellington St		Hamilton	Ontario	L9A 3P7		
Sir/Madame		1582989 Ontario Inc	16k9 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		1703201 Ontario Ltd	11648 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		22l21 Corporation	329 Vandervoort St N		North Tonawanda	NY USA	14120		
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Sir/Madame		603314 Ontario Limited	13054 Lakeshore Rd W	RR 2	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		609968 Ontario Ltd	22181 Abbey Rd	RR 2	Wainfleet	Ontario	LOS 1V0		
Sir/Madame		828311 Ontario Limited	12288 Brawn Rd		Wainfleet	Ontario	LOS 1V0		
Sir/Madame		842934 Ontario Inc	19m57 Brown St	Po Box 175	Wainfleet	Ontario	LOS 1V0		
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	Cynthia Marie	Adams	11523 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0		
Ms.	Jean Elizabeth	Adams	11288 Golf Course Rd	RR 2	Port Colborne	Ontario	L3K 5V4		
	Mark James	Airhardt	17K80 Highway 3		Wainfleet	Ontario	LOS 1V0		
	William Frederick	Akey	11676 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0		
	Stephen William	Akey	16k78 Burnaby Rd		Wainfleet	Ontario	LOS 1V0		
	Athanasios	Alexopoulos	22l5 Lakeshore Rd W		Wainfleet	Ontario	LOS 1V0		
	Thomas Neil	Amies	16k20 Elizabeth Cres	RR 2	Wainfleet	Ontario	LOS 1V0		
	Shawna Marie	Appleton	15k86 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0		
	Salvatore (Sam)	Armenti	11292 Golf Course Rd	RR 2	Port Colborne	Ontario	L3K 5V4		
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	Edwin Harold	Augustine	12755 Minor Rd	RR 2	Wainfleet	Ontario	LOS 1V0		
	Howard Arthur	Augustine	21l55 Lakeshore Rd W	RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	Howard Arthur	Augustine	20l92 Augustine Rd	RR 2	Wainfleet	Ontario	LOS 1V0		
	Stanley Joseph	Ayres	18m48 Highway 3	RR 3	Wainfleet	Ontario	LOS 1V0		
	Michael Nickolaus	Babin	17k47 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0		
	George	Bakarich	68 Oakridge Dr		Stoney Creek	Ontario	L8G 2T6		
	Gary Gerald	Balicki	41217 Feeder Rd E	RR 3	Wainfleet	Ontario	LOS 1V0		
Mr.	Michael Garry	Balicki	Rr 3		Wainfleet	Ontario	LOS 1V0		
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	Alec E	Balogh	20120 Townline Rd W	RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Lloyd Douglas	Banford	17k61 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0		
	Victor Thomas	Barker	22048 Side Rd 20	RR 2	Wainfleet	Ontario	LOS 1V0		
	Alan Douglas	Barrick	11543 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0		
	Nori Maria	Barrick	17k54 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0		
	Bryan Merle	Barrick	17k54 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
	David William	Barrick	31543 Dixie Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
	Cornelius	Bartels	41681 Mill Race Rd	RR 3	Wainfleet	Ontario	L0S 1V0		
	Steve	Barth	16k70 Burnaby Rd		Wainfleet	Ontario	L0S 1V0		
	Michael Matthew	Barth	21119 Dilts Rd	RR 2	Port Colborne	Ontario	L3K 5V4		
	Gerald	Bastein	12160 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0		
Ms.	Lori Ellen	Bastien	12232 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
	Beverly Joan	Bastien	20l28 Augustine Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Joseph Jean-Charles	Beaudry	38 Foxhill Cres	133.4	St Catharines	Ontario	L2S 3V1	-	
Mr.	Joseph Jean-Chanes	Becker	32433 Feeder Rd	RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	Keith Conrad	Beckingham	21860 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
	r total Collida	Beechteller	12264 Brawn Rd	RR 2	Wainfleet	Ontario	L0S 1V0	-	

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Ms. Mr.	Norma Dale Mark William	Bird Bishop	11784 Lakeshore Rd 16k38 Highway 3	RR 2 RR 2	Wainfleet Wainfleet	Ontario Ontario	LOS 1V0
Mr.	David Arthur	Bitner	11812 Side Rd 18	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	<u> </u>		<u> </u>				
Mr.	Jerry Thomas	Blanchard	16k7 Elizabeth Cres	RR 2	Wainfleet	Ontario	LOS 1V0
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Ms.	Karen	Bonisteel	12111 Brawn Rd	RR 2	Wainfleet	Ontario	LOS 1V0
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Ms.	June	Booi	523 Frankhouser Rd		Buffalo	NY USA	14221
Mr.	John	Borkovsky	Rr 1		Ridgeway	Ontario	LOS 1NO
Mr.	Jeffrey George	Bott	17l95 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1VO
Mr.	Donald Paul	Boudreau	19m51 Church St	DD 0	Wainfleet	Ontario	LOS 1VO
Ms.	Carly Joyelle	Bowden	15b30 Belleview Beach Rd	RR 2	Wainfleet Wainfleet	Ontario Ontario	LOS 1V0
Ms.	Helen Madeline	Bowman	19m33 Hartwell St 337 Elm St		Port Colborne	Ontario	L3K 4P1
	Stephanie William Fredrick	Brauer Braunlin	20l49 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr. Mr.	Henry	Breton	41562 Feeder Rd	Po Box 151	Wainfleet	Ontario	LOS 1V0
Ms.	Sharlene Ann Marie	Briggs	22792 Concession 1 Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	William James	Brown	Po Box 451 Stn Main	IXIX Z	Port Colborne	Ontario	L3K 5X7
Mr.	Mark Douglas	Brown	15k79 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	David	Brown	18m31 Feeder Rd	Po Box 141	Wainfleet	Ontario	LOS 1V0
Ms.	Sandra Lynn	Brown	5 Carmichael Cres	10000141	Collingwood	Ontario	L9Y 4R6
Mr.	Grant William	Brunette	15b11 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Thomas	Buck	16k86 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
	Jacoba	Buiter	171 Norway Ave	2	Welland		L3C 4A4
Mr.	David John	Buiter	41442 Feeder Rd	RR 3	Wainfleet	Ontario	LOS 1V0
	Simon Johannes	Bulk	32633 Feeder Rd	RR 1	Wainfleet	Ontario	LOS 1V0
Mr.	Herbert Joseph	Bunz	23014 Burkett Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Marilyn Nellie	Bunz	20m86 Side Rd 20	Gd	Wainfleet	Ontario	LOS 1V0
Mr.	Timothy Daniel	Bunz	Po Box 68		Wainfleet	Ontario	LOS 1V0
Ms.	Reich Michele Elise	Burnett	18l45 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Anthony Michael	Buttigieg	10961 Neff St	RR 2 Stn Main	Port Colborne	Ontario	L3K 5V4
Sir/Madame		C R L Campbell Brothers Cons	11575 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Domenic Antonio	Calabrese	Po Box 348		St Davids	Ontario	LOS 1P0
Mr.	Christopher	Calabretta	C/O Dominic Calabretta	10000 Lyons Creek Rd, RR 1	Welland	Ontario	L3B 5N4
Ms.	Mary	Caldwell	11806 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
	S Cameron	Campbell	16b6 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Rodney	Campbell	16k90 Burnaby Rd Unit A	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Charles Burnell	Campbell	15k85 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
1	Lorne M	Campbell	15k83 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
	LOTTIE IVI	Campbell	Trokoo Barriaby Ka	11111 2	T T GIT III O G C		

Sir/Madame		Can-Am International Beagle	C/O Robert A Mitton	7024 Concession 1 Rd, RR 2	Puslinch	Ontario	N0B 2J0	<u> </u>		
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Mr.	Victor	Cantore	78 Crescentwood Dr	†	St Catharines	Ontario	L2N 4L6			
Mr.	Leo Richard	Caron	22611 Gibson Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
Ms.	Ines Mary	Carpani	32585 Feeder Rd	RR 1	Wainfleet	Ontario	L0S 1V0			
Ms.	Esther	Carriero	133 Woodmere Dr		Tonawanda	NY USA	14150-5568			
Ms.	Linda Leonie	Carson	18m65 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0			
Mr.	Joseph Anthony Sr	Casale	7431 Sunnydale Dr		Niagara Falls	NY USA	14304-1334			
	Alex	Casnig	11373 Moore Rd	RR 2	Port Colborne	Ontario	L3K 5V4			
Mr.	Jack David William	Cassell	21929 Sideroad 20		Wainfleet	Ontario	L0S 1V0			
Mr.	Stanley Alexander	Caster	12296 Brawn Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
Ms.	Valerie Irene	Caster	12288 Brawn Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
	Dana S L	Caverly	17k77 Highway 3		Wainfleet	Ontario	L0S 1V0			
	Dana S L	Caverly	Rr 2		Lowbanks	Ontario	N0A 1K0			
Mr.	Wayne Gordon	Cavers	18m75 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0			
Mr.	Ross Henry	Chambers	11241 Highway 3 W	RR 2	Port Colborne	Ontario	L3K 5V4			
	Ellery	Chandias	21260 Dilts Rd		Wainfleet	Ontario	L0S 1V0			
Mr.	Akhtar	Chaudary	22181 Abbey Road		Wainfleet	Ontario	L0S 1V0	(905) 899-2227		
Mr.	Abdul Rehman Akhtar	Chaudary	22056 Side Rd 20	RR 2	Wainfleet	Ontario	L0S 1V0			
Ms.	Laura Ann	Cheevers	11748 Summerland Ave	RR 2	Wainfleet	Ontario	L0S 1V0			
Ms.	Nicole Anne	Christopher	12550 Daley Ditch Rd		Wainfleet	Ontario	L0S 1V0			
Ms.	Ami Nadine	Chunick	19m66 Clarendon St		Wainfleet	Ontario	L0S 1V0			
Mr.	Mark Andrew	Cichocki	32438 Clarendon St	RR 1	Wainfleet	Ontario	L0S 1V0			
Mr.	Robert	Ciofli	40 Burmell Ave		Toronto	Ontario	M6S 4G5			
Ms.	Patricia Anna	Clarkson	7307 Frontier Ave		Niagara Falls	NY USA	14304-3211			
Ms.	Carole Ernestine	Cloutier	32041 Feeder Rd	RR 1	Wainfleet	Ontario	L0S 1V0			
Mr.	James	Cochrane	15k61 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0			
Ms.	Shirley Ann	Collins	19m59 Brown St		Wainfleet	Ontario	L0S 1V0			
Ms.	Catherine Celia	Cornell	22L13B Lakeshore Road West	RR 2	Port Colborne	Ontario	L3K 5V4			
Ms.	Laurie	Cossitt	11713 Side Rd 18	RR 2	Wainfleet	Ontario	L0S 1V0			
Ms.	Susan Marie	Cowal	21I119 1/2 Augustine Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
Mr.	David Paul	Cowal	21I119 1/2 Augustine Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
Mr.	Robert Edward	Crane	Po Box 3606		Jupiter	FL USA	33469-1010			
Mr.	Dwight John Angus	Crawford	21992 Regional 3 Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
Ms.	Patricia Alice	Crossley	176 68th St		Niagara Falls	NY USA	14304-3914			
Mr.	James Patrick	Csanig	22630 Concession 1 Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
Ms.	Maureen Barbara	Currie	18l29b Lakeshore Rd		Wainfleet	Ontario	L0S 1V0			
Mr.	Steven Joseph	Cvetkovic	32449 Feeder Rd	RR 1	Wainfleet	Ontario	L0S 1V0			
Mr.		Cvetkovic	31527 Dixie Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
Ms.	Valerie	Cywinski	4167 Treetop Cres		Mississauga	Ontario	L5L 2L7			
Mr.		Dafoe	11074 Neff Rd	RR 2 Stn Main	Port Colborne	Ontario	L3K 5V4			
Ms.	Mary	Danku	285 Lake St		St Catharines	Ontario	L2R 5Z7			
Mr.	Leon	Daroshefski	4847 Rogers Rd		Hamburg		14075-3219			
Mr.	Stanley Ronald	Dashwood	32430 Feeder Rd	RR 1	Wainfleet	Ontario	L0S 1V0			
Mr.	Barrie Scott	Davies	18m70 Clarendon St		Wainfleet	Ontario	L0S 1V0			
Mr.		Davies	Po Box 67		Wainfleet	Ontario	LOS 1V0			
Ms.	Reta Kathleen	Dawdy	121104 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
Mr.	Jack Walter	Dawn	11072 Neff Rd	RR 2 Stn Main	Port Colborne	Ontario	L3K 5V4			
Mr.	Kenneth Harvey	Dayboll	C/O 19m69 Brown St	Po Box 28	Wainfleet	Ontario	LOS 1V0			
Mr.	George	Dayboll	22030 Concession 1 Rd	RR 2	Wainfleet	Ontario	LOS 1V0			
	Blake Nelson	Dayboll	Rr 1		Wainfleet	Ontario	L0S 1V0			
Ms.	Shirley	De Luke	432 81st St	<u> </u>	Niagara Falls	NY USA	14304			

Mr.	Joseph Frederick	Etling	21117 Dilts Rd	RR 2	Port Colborne	Ontario	L3K 5V4	,	
Mr.	J.	Etling	21648 Dixie Road		Wainfleet	Ontario		905) 899-9996	
Mr.	Joe	Etling	11618 Burnaby Road		Wainfleet	Ontario	L0S 1V0 (	905) 899-4765	
Ms.	Carrie	Ethier	19m53 Church St		Wainfleet	Ontario	L0S 1V0		
Sir/Madame		Erie Fur Farms Limited	21972 Regional 3 Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Ross Duane	Emerson	42223 Highway 3	RR 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Nicholas	Ellis	21366 Highway 3	RR 3	Wainfleet	Ontario	L0S 1V0		
Ms.	Wendy Elizabeth	Elliott	12250 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Brandon Duke	Elliot	19m63 Highway 3		Wainfleet	Ontario	L0S 1V0		
Ms.	Sandra Elizabeth	Egger	505 Moote Rd	RR 1	Dunnville	Ontario	N1A 2W1		
Mr.	Kenneth Leslie W	Edwards	12165 Concession 1 Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Gary James	Ecker	15l75 Belleview Beach Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Keith John Jacob	Earl	19m41 Brown St		Wainfleet	Ontario	L0S 1V0		
Mr.	Frank Mitchell	Dyck	928 Foss Rd	RR 4	Fenwick	Ontario	LOS 1C0		
Mr.	Frank Joseph	Dyck	42032 Highway 3	RR 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Angelo	Durigan	16k5 Elizabeth Cres	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Sharon Ann	Durant	16k17 Elizabeth Cres	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Laurel	Duquette	298 Waverly Rd		Toronto	Ontario	M4L 3T6		
Mr.	Craig William	Dunk	Po Box 94		Wainfleet	Ontario	L0S 1V0		
Mr.	Mark	Drysdale	31180 Garringer Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Kirk Thomas	Dressel	21125 Dilts Rd	RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	David Donald	Draper	24 Mabelle Ave Apt 2616		Etobicoke	Ontario	M9A 4X8		
Mr.	Richard Victor Keith	Draper	19l23 Augustine Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Philomena E	Doxbeck	61 Raintree Pky		Tonawanda	NY USA	14150		
Ms.	Audrey Hazel	Doran	16B14 Lakeshore Rd		Wainfleet	Ontario	L0S 1V0		
Ms.	Bernice	Donaldson	4717 22nd St		Niagara Falls	NY USA	14305		
Ms.	Virginia Mary	Doan	847 Ridge Rd N	RR 2	Ridgeway	Ontario	L0S 1N0		
Mr.	Romeo	Dipietro	140 Classic Ave		Wainfleet	Ontario	L3B 1P7		
Mr.	Donald William	Dilts	21214 Dilts Rd	RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Gordon	Dilts	15k88 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Marion R	Dilts	17k53 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Briant Leslie	Dilts	20m84 Side Rd 20	Po Box 25	Wainfleet	Ontario	LOS 1V0		
Mr.	Michael	Dillon	72 Bonello Cres		Whitby	Ontario	L1R 3N7		
Mr.	Daniel Andrew	Dickson	30997 Wilson Rd		Wainfleet	Ontario	LOS 1V0		
Mr.	Edward David	Dick	15b9 1/2 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Domenico R	Di Maurizio	6461 Crawford St		Niagara Falls	Ontario	L2E 5Z3		
Mr.	Henry	Devries	62981 Concession 6 Rd	RR 1	Wellandport	Ontario	LOR 2J0		
Ms.	Brandy Lynn	Desmarais	15b81 Lakeshore Rd W	RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	Daniel	Deschamps	15b13 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	George Joseph	Deruyte	18M29 Brown St		Wainfleet	Ontario	L0S 1V0		
Ms.	Jeannine E	Deruiter	18m33 Brown St	· =	Wainfleet	Ontario	L0S 1V0		
Mr.	George Henry	Deruiter	20m9 Feeder Rd	RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	Gaston	Denis	117102 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	Jacob	Den Besten	73162 Concession 6 Rd	RR 1	Wellandport	Ontario	LOR 2J0		
Mr.	Alfred	Deluke	432 81st St		Niagara Falls	NY USA	14304-3306		
Mr.	Ventura Evan Reno	Della	15b62 Lakeshore Rd W	RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Carlo	Delazzari	762 Clare Ave		Welland	Ontario	L3C 3C1		
Mr.	John Andre	Dekker	11387 Moore Rd	RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Gerald Johanes	Dehaan	1000 Effingham St	RR 5	Ridgeville	Ontario	LOS 1M0		
Mr.	Michael Henry	Degagne	15b82 Lakeshore Rd W	RR 2	Port Colborne	Ontario	L3K 5V4		
Ms.	Clara Alice	Dean	42949 Wills Rd	RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	Frank	De Ruyte	11969 Station Rd	RR 2	Wainfleet	Ontario	L0S 1V0		

Mr.	James John Arthur	Etling	21648 Dixie Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	John Frederick	Etling	21117 Dilts Rd	RR 2	Port Colborne	Ontario	L3K 5V4
Ms.	Janet Lynn	Evans	5 Crown Cres		Bradford	Ontario	L3Z 2M7
Mr.	Kevin Alex	Falusi	12163 Brawn Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Dennis James	Fast	19m58 Highway 3		Wainfleet	Ontario	LOS 1V0
Sir/Madame		Federation Of Ontario Natura	355 Lesmill Rd		North York	Ontario	M3B 2W8
Ms.	Tracy Gloria	Feduck	19m58 Clarendon St	RR 1	Wainfleet	Ontario	LOS 1V0
Ms.	Hiltje	Fennema	Po Box 68		Fenwick	Ontario	LOS 1CO
Mr.	Hendrick	Fennema	971 Canboro Rd	RR 1	Fenwick	Ontario	LOS 1CO
	Bruce	Ferko	9200 Park Blvd Apt 105		Seminole	FL USA	33777-4135
	Bruce	Ferko	-	Po Box 55126	Dallas	TX USA	75355
	Brad	Ferko	9200 Park Blvd Apt 105		Seminole	FL USA	33777-4135
Mr.	Michael Alan	Ferri	31329 Malowany Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Carman	Ferri	50650 Farr Rd	RR 3	Wainfleet	Ontario	LOS 1VO
Mr.	Larry James	Fisher	21I76 Walnut Hill Rd	RR 2	Wainfleet	Ontario	LOS 1VO
	William Douglas	Fletcher	22555 Daley Ditch Rd	RR 2	Wainfleet	Ontario	LOS 1VO
Mr.	Hugh William	Flintoft	19m62 Highway 3	2	Wainfleet	Ontario	LOS 1V0
Mr.	Matthew	Forrest	62 Eaglecrest Dr		Hamburg	NY USA	14075
Mr.	Ricky Francis	Fortin	15k62 Highway 3		Wainfleet	Ontario	LOS 1V0
Ms.	Christine Hill	Fournier	11760 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Sir/Madame	OTHIOLITO T IIII	Frank Jurek Lumber Corp	9170 Transit Rd	2	East Amherst	NY USA	14051-1602
Mr.	Jeffery Ross	Fraser	18l25 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1VO
Mr.	Lonny Richard	Freeman	20l39 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Richard Albert	Freeman	11658 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Rex	Freitag	19m42 Highway 3	14172	Wainfleet	Ontario	LOS 1V0
Mr.	James Graham	Friel	18m70 Highway 3		Wainfleet	Ontario	LOS 1V0
Mr.	John	Fulbrook	19m73 Church St		Wainfleet	Ontario	LOS 1V0
Mr.	Timothy Stephen	Fulbrook	19m57 Church St		Wainfleet	Ontario	LOS 1V0
Mr.	Franklin David	Fulop	Po Box 756 Stn Main		Welland	Ontario	L3B 5R5
Ms.	Darlene Anne	Furry	12268 Brawn Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Sir/Madame	Danone 7 and	Gable Point Contracting Limi	C/O Paul Breds	250 Lesmill Rd	North York	Ontario	M3B 2T5
Mr.	Michael Dennis	Gabryelski	21834 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
	Thomas H	Game	20l39 Augustine Rd	RR 2	Wainfleet	Ontario	LOS 1VO
Mr.	Gregory	Garner	11569 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1VO
Mr.	Lloyd Howard	Garringer	31774 Garringer Rd	RR 2	Wainfleet	Ontario	LOS 1V0
	Adrian	Gelok	15b9 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	David	Genders	31480 Side Rd 14	RR 3	Wainfleet	Ontario	LOS 1V0
Ms.	Carol	Gettings	90 Ponderosa Dr	Tara S	Buffalo	NY USA	14221-2410
	Randy Kenneth	Gibb	31341 Side Rd 14	RR 2	Wainfleet	Ontario	L0S 1V0
	Mary Louise	Gibson	12044 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1VO
Mr.	Dale Melvin	Gibson	12044 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1VO
Mr.	Ronald Angus	Gibson	15b76 Lakeshore Rd W	RR 2	Port Colborne	Ontario	L3K 5V4
	Sandra Jean	Gibson	15b89 Lakeshore Rd	RR 1	Wainfleet	Ontario	LOS 1V0
Mr.	Joseph Henry	Gibson	15b89 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Randal Dean	Gifford	15l63 Belleview Beach Rd	RR 2	Wainfleet	Ontario	LOS 1VO
Mr.	Todd Hilary	Gillow	Po Box 112	1313 2	Wainfleet	Ontario	LOS 1VO
	Gilles	Girard	11175 Golf Course Rd	RR 2	Port Colborne	Ontario	L3K 5V4
	Claude Edward	Gobeil	22434 Concession 1 Rd	RR 2		_	LOS 1V0
Mr. Mr.		Gobeil	22770 Concession 1 Rd	RR 2	Wainfleet Wainfleet	Ontario Ontario	LOS 1V0
Mr.	Roger	Goodwillie	3 Widdicombe Hill	IXIX Z	Etobicoke		M9R 1A9
	Hugh Douglas	Grabell		RR 2		Ontario	
Mr. Mr.	Kelly Evan	Grabell	22373 Abbey Rd	RR 2	Wainfleet	Ontario	LOS 1V0
IVII.	George Roy	Granell	12024 Station Rd	INN Z	Wainfleet	Ontario	LUO 170

Mr.	Samuel Roy	Grabell	12026 Station Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Sir/Madame		Grabell Cemetery	Attn: B Heil	19m43 Highway 3, Po Box 38	Wainfleet	Ontario	LOS 1V0
Ms.	Yvonne	Gradson	21178 Highway 3	RR 2	Port Colborne	Ontario	L3K 5V4
Mr.	Ian Scott	Gray	3033 Townline Rd Unit 122		Stevensville	Ontario	L0S 1S0
Mr.	James E	Gray	4160 Wilson-Cambria Rd		Ransomville	NY USA	14131
Ms.	Margaret Alice	Green	19m60 Clarendon St		Wainfleet	Ontario	LOS 1V0
Mr.	Kenneth Harold	Green	41735 Mill Race Rd	RR 3	Wainfleet	Ontario	LOS 1V0
Mr.	Donald Bruce	Green	41772 Clarendon St	RR 3	Wainfleet	Ontario	LOS 1V0
Mr.	Leonard Robert	Greenaway	11563 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
	Rene	Grene	2371 Poplar Cres		Mississauga	Ontario	L5J 4H2
Mr.	Robert Allan	Grimwood	5 Lower Canada Dr	RR 3	Niagara On The Lake	Ontario	LOS 1J0
Mr.	David Joseph	Groszeibl	42717 Gilmore Rd	RR 1	Wainfleet	Ontario	LOS 1V0
Mr.	Andrew David	Groszeibl	42717 Gilmore Rd	RR 1	Wainfleet	Ontario	LOS 1V0
Mr.	Benjamin James	Groulx	21I129 Augustine Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Michel	Gruszewski	5379 Mapleton Rd		Lockport	NY USA	14094-9294
Mr.	Filodoro	Guglielmi	520 Sutherland Ave		Welland	Ontario	L3B 5A3
Ms.	Linda Alida	Haennel	46 Collier Rd S		Thorold	Ontario	L2V 3T1
Mr.	Robert Peter	Hales	15b7 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Harvey James	Hall	11640 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	John	Hamm	174 Madeline Rue		Buffalo	NY USA	14221
Mr.	John William	Hanemaayer	18m73 Highway 3	Gd	Wainfleet	Ontario	LOS 1V0
Mr.	Frederick Gordon	Hannis	21658 Dixie Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Paul Andrew	Hansen	39 York Rd		Niagara Falls	NY USA	14304-3728
Ms.	Barbara Grace	Hansen	Po Box 128	1	Wainfleet	Ontario	LOS 1V0
Mr.	Leonard	Hanson	12245 Concession 1 Rd	RR 2	Wainfleet	Ontario	LOS 1V0
	Alexander	Hanuska	22214 Concession 1 Rd	RR 2	Wainfleet	Ontario	LOS 1V0
	Sandra	Harper	32775 Feeder Rd	RR 1	Wainfleet	Ontario	LOS 1V0
Mr.	Donald William	Harris	19m37 Hartwell St		Wainfleet	Ontario	LOS 1V0
Ms.	Mary Anglyn	Harry	20m82 Side Rd 20	Gd	Wainfleet	Ontario	LOS 1V0
Ms.	Rose	Hart	89 Chatterson Dr		Ancaster	Ontario	L9G 1B6
	Brian Trent	Harvey	48 Mccormick St		Welland	Ontario	L3C 4L9
Ms.	Ann Elizabeth	Hastee	83 Sannita Dr		Rochester	NY USA	14626-3611
	Wayne Kirby	Hawkins	21541 Dixie Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Robert Keith	Haymes	23 Third Ave		Port Colborne	Ontario	L3K 5P2
Ms.	Rosemary	Hayward	11705 Side Rd 18	RR 2	Wainfleet	Ontario	LOS 1V0
	Rosemary	Hayward	117106 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Curtis John	Henderson	12018 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Michelle Aileen	Henderson	19m54 Napoleon St	<del>-</del>	Wainfleet	Ontario	LOS 1V0
	Leslie Neil	Henry	15b73 Lakeshore Rd W	RR 2	Port Colborne	Ontario	L3K 5V4
	Rudy	Herrera	16k21 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Mary Louise	Hickey	22l6 Hickey Rd	Gd	Wainfleet	Ontario	LOS 1V0
Mr.	Kenneth	Hill	Po Box 135		Wainfleet	Ontario	LOS 1V0
Mr.	Trevor	Hill	11539 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Donald Alan	Hines	22641 Gibson Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Joanne Ellen	Hinks	54 Parker St	· · · · <del>-</del>	St Catharines	Ontario	L2S 1C8
Mr.	Frank Teunis	Hintenberger	12158 Gallinger Rd	+	Wainfleet	Ontario	LOS 1V0
Mr.	Kenneth Joseph	Hintenberger	15I60 Hill Ave	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Darren Gerald	Hoekstra	21909 Side Rd 20	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Matthew	Holinaty	21935 Side Nd 20 21935 Sideroad 20	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Blair Alexander	Holland	17k55 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Robert F	Holway	120 Sharon Dr		Tonawanda	NY USA	14150-5134
Mr.	William Raymond	Honsberger	19l89 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0
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Mr.	Howard William P	Hoover	12006 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Helen Marie	Hoskin	12154 Gallinger Rd	Po Box 56	Wainfleet	Ontario	L0S 1V0		
Mr.	Robert Yvan	Houle	32654 Feeder Rd	RR 1	Wainfleet	Ontario	L0S 1V0		
	Jody Darryl	Hughes	21109 Dilts Rd	RR 2	Port Colborne	Ontario	L3K 5V4		
Sir/Madame	, , ,	Huiztein Farms Inc	41449 Forks Rd	RR 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Henry	Hwang	7 Wellbrook Blvd		Welland	Ontario	L3C 5T3		
Mr.	Morgan Keith	Hyatt	11824 Sideroad 18	RR 2	Wainfleet	Ontario	L0S 1V0		
	Sandra	Hymmen	19I15 Augustine Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Peter Richard	Hymmen	19I15 Augustine Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
	Salvatore	lanni	8030 Oakridge Dr		Niagara Falls	Ontario	L2H 2W1		
	Angelo	Interisano	18m77 Highway 3	Po Box 166	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		Investican Properties Inc	320 North Park St Unit 3		Brantford	Ontario	N3R 4L3		
Mr.	Urs	Itten	31729 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Anthony	Ivancic	459 Zimmerman Blvd		Buffalo	NY USA	14223-1115		
Mr.	Stephen	Jaeggi	15k83 1/2 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
	Scott	Jaques	11294 Golf Course Rd		Port Colborne	Ontario	L3K 5V4		
Mr.	Joseph Frank	Jasek	19m54 Clarendon St		Wainfleet	Ontario	L0S 1V0		
Mr.	Thomas Robert	Johnson	20l19 Lakeshore Rd W	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Yvan Emile	Joly	16k19 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr. & Ms.	Stanley & Margret	Jones	13078 Side Road 30, Rr #2		Wainfleet	Ontario	L0S 1V0	(905) 899-3891	
Mr.	Donald Benjamin	Jones	3894 Elm St N		Welland	Ontario	L3B 3P3		
	Afra	Jong	18m63 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		Jsr Farms Ltd	259 Ridge Rd É	RR 1	Grimsby	Ontario	L3M 4E7		
Mr.	William John	Kadwell	15b5 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Mary Katherine	Kalagian	18l37 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Joseph Martin	Kamensky	Rr 2		Wainfleet	Ontario	L0S 1V0		
Mr.	Emanuel	Karatopis	5233 Highway 20	RR 2	St Anns	Ontario	L0R 1Y0		
Ms.	Kimberley Lynn	Katch	16k41 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Ralph	Katrynuk	32626 Feeder Rd	RR 1	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		Kaymar Beach Ltd	41 Ferndale Ave		Buffalo	NY USA	14217-1003		
Mr.	Harold John	Kelly	19m57 Hwy 3		Wainfleet	Ontario	L0S 1V0		
Mr.	Corey John	Kemp	11517 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Feroz Ahmed	Khan	19m37 Highway 3		Wainfleet	Ontario	L0S 1V0		
Mr.	Roland	Kingma	11284 Golf Course Rd	RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Evan George	Kitchen	22623 Abbey Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Friedrich Karl	Klenk	15k53 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Richard	Knoche	6 Maple St		Tonawanda	NY USA	14150-4011		
Ms.	Linda Jean	Knoll	197 Mang Ave		Buffalo	NY USA	14217-2633		
Mr.	Brian Arthur John	Koiter	16k13 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
	Adrian	Kolff	Rr 2		Wiarton	Ontario	N0H 2T0		
Mr.	Robert Paul	Kopinak	11541 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Wayne Allan	Kozar	11274 Golf Course Rd	RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Frank	Kozelj	16l60 Belleview Beach Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Dawn Marie	Krueger	23025 Feeder Rd		Wainfleet	Ontario	L0S 1V0		
Mr.	Kevin	Krueger	C/O Karl Krueger	5939 Hyde Park Blvd	Niagara Falls	NY USA	14305		
Ms.	Bernice	Kuca	149 West Main St		Welland	Ontario	L3C 5A3		
Mr.	Joseph	Kucman	15k91 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Beata Barbara	Kus	11709 Side Rd 18	RR 2	Wainfleet	Ontario	L0S 1V0		
	Alexander Richard	Kwaak	15k58 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Mary	Kyrou	4990 Maxine Pl		Mississauga	Ontario	L4Z 4H9		
Mr.	Claude Lucien	Lacroix	11 Hillview Cres	RR 1	Midhurst	Ontario	L0L 1X0		
Mr.	Tom	Lafortune	32608 Daley Ditch Rd	RR 2	Wainfleet	Ontario	L0S 1V0		

Sir/Madame		Lakefront Produce Ltd	1586 Firelane 2	T	Port Colborne	Ontario	L3K 5V3	<del>                                     </del>	
Sir/Madame		Lakewood Beach Properties Lt	125 Carlton St	Po Box 29069	St Catharines	Ontario	L2R 7P9	+	
	John Frederick		12 Xavier Crt	FU DUX 23003	St Catharines St Catharines	Ontario	L2R 7P9 L2N 7T4		
Mr. Mr.	Jorgen Erik	Lamont Larsen	15k78 Highway 3	RR 2	Wainfleet	Ontario	L2N 714 L0S 1V0	+	
	Gerald Bruce	Lawrence	17k58 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0	+	 
Mr.	Freddy	Leeuwenburg	18m46 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0	+	
Mr. Mr.	Jasper Isaac	Leeuwenburg	21113 Dilts Rd	RR 2	Port Colborne	Ontario	L3K 5V4	+	
Mr.	Roland Bennett	Leies	827 Pine St N	KK Z	Dunnville	Ontario	N1A 2M6		
	Paul D	Leon	Po Box 366 Stn Main		Welland	Ontario	L3B 5P7		
	Manfred		32965 Feeder Rd	RR 1	Wainfleet	Ontario	LOS 1V0		
Mr. Ms.	Katharina	Lepp	22989 Burkett Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Amy Lynn Marie	Lepp Lepp	15k87 1/2 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Ralph E	Leppert	15k76 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
	Betty Joyce	Leslie	2767 Northshore Dr	RR 1	Lowbanks	Ontario	N0A 1K0		
Ms. Ms.	Peggy Ann	Leslie	15b71 Lakeshore Rd W	RR 2	Port Colborne	Ontario	L3K 5V4		
	Bryan William	Lewis	15b100 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr. Mr.	James Albert	Liegl	Po Box 400	INIX Z	Boston	NY USA	14025-0400		
Ms.	Lillian June	Lindhurst	86 Wheeler St		Tonawanda	NY USA	14150-1928	+	
Mr.	Michael Anthony	Lococo	20l33 Augustine Rd	RR 2	Wainfleet	Ontario	LOS 1V0		
	Bill	Loeffen	C/O 42569 Highway 3	NN Z	Wainfleet	Ontario	L0S 1V0	(905) 899-2067	
Mr. Mr. & Ms.	Harold & Betty	Loeffen	42569 Highway 3		Wainfleet	Ontario	L0S 1V0	(905) 899-2067	
	Harold	Loeffen	42431 Highway 3	+	Wainfleet	Ontario	L0S 1V0	(905) 899-2578	 
Mr.	Harry	Loeffen	42441 Highway 3	+	Wainfleet	Ontario	L0S 1V0	(905) 899-2578	
Mr.	John	Loeffen	42569 Highway 3	+	Wainfleet	Ontario	L0S 1V0	(905) 899-1687	
Mr.	William Henricus	Loeffen	Rr 3	+	Wainfleet	Ontario	L0S 1V0	(303) 033-37 13	
Mr.	John Nichlaas	Loeffen	21972 Regional 3 Rd	RR 2	Wainfleet	Ontario	L0S 1V0	+	
Mr. Mr.	Harry J	Loeffen	42441 Highway 3	RR 3	Wainfleet	Ontario	L0S 1V0	+	
Mr.	Harry Martin	Loeffen	12963 Burkett Rd	RR 2	Wainfleet	Ontario	L0S 1V0	+	 
Mr.	Richard Michael	Loeffen	19m61 Church St	INIX Z	Wainfleet	Ontario	L0S 1V0	+	
Sir/Madame	INCHARU WICHAEL	Loeffen Farms Ltd	C/O William Loeffen	1933 House Rd, RR 1	Stevensville	Ontario	L0S 1V0		
Sir/Madame		Loeffen Farms Ltd	C/O William Loeffen	1933 House Rd, RR 1	Stevensville	Ontario	L0S 1S0	+	
Sir/Madame		Loeffen Farms Ltd	Rr 3	1933 House Nu, KK 1	Wainfleet	Ontario	L0S 180		
Sir/Madame		Long Beach Resort Ltd	22l31 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
	Debra Elaine	Lord Lord	11829 Regional 3 Rd	INIX Z	Wainfleet	Ontario	L0S 1V0		
Ms. Mr.	Ferbet	Lucian	220 Meadowbrook Pky		Buffalo	NY USA	14206		
	Christopher John	Lucy	41698 Dixie Rd	RR 3	Wainfleet		L0S 1V0		
Sir/Madame	Omisiophici Juliii	Mabo West Side Construction	137 Chantler Rd	RR 5	Welland	Ontario	L3B 5N8		
	Richard Keith	Maccabe	11561 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1VO		
Ms.	Brenda Elizabeth	Macdonald	100 Acadia Dr	INIX Z	Welland	Ontario	L3C 6L6		
Mr.	David Stephen	Mackay	22533 Side Rd 26	RR 2	Wainfleet	Ontario	LOS 1V0		
	Stuart	Macleod	31830 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Dolores J	Mahoney	9575 Centre St	INIX Z	Glenwood	NY USA	14069		
Mr.	Evan Paul	Main	18m69 Highway 3	RR 1	Wainfleet	Ontario	L0S 1V0		
Sir/Madame	∟vali Faul	Maldean Holsteins Ltd	42223 Highway 3	RR 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Krassimire	Maletchkov	22438 Concesssion 1 Rd	RR 2	Wainfleet	Ontario	L0S 1V0	+	
IVII .		Malinowski	3236 Snyder Rd	INIX Z	Stevensville	Ontario	L0S 1V0	+	
Mr.	Grazyna John Albert	Malowany	31478 Malowany Rd	RR 3	Wainfleet		L0S 180	+	
Mr.	Anthony John	Malowany	31492 Malowany Rd	RR 3		Ontario	L0S 1V0	+	 
Sir/Madame	AUTHORY JOHN	Management Board Secretariat		1 Dundas St W Suite 2000	Wainfleet	Ontario	M5G 2L5		 
	Torry Lyon	Mann	C/O ORC Property Tax Dept 20 Side Rd 20	1 Dundas St W Suite 2000	Toronto Wainfleet	Ontario	LOS 1V0		
Ms.	Terry Lynn			+		Ontario	L0S 1V0		
	Brian Oliver	Mann	16b8 Burnaby Rd	DD 2	Wainfleet	Ontario		<del>                                     </del>	
Mr.	Thomas	Marko	16k45 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		

Mr.	Steven George	Marlatt	12286 Brawn Rd		Wainfleet	Ontario	LOS 1V0
Mr.	James Edward	Marr	12286 Brawn Rd 19m47 Mill Race Rd	Po Box 134	Wainfleet	Ontario	LOS 1V0
Sir/Madame	Jailles Euwalu	Marshville Chocolates Inc	19m47 Will Race Rd 19m50 Clarendon St	FU DUX 134	Wainfleet	Ontario	LOS 1V0
	David Lawrence	Marsland	12028 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Kenneth Donald	Martin	19m44 Highway 3	IXIX Z	Wainfleet	Ontario	LOS 1V0
Mr. Mr.	David	Masotti	20 Side Rd 20		Wainfleet	Ontario	LOS 1V0
Mr.	Brian Merle	Mater	19m43 Brown St	Po Box 66	Wainfleet	Ontario	LOS 1V0
	Jean Helen	Matthews	15b67 Lakeshore Rd W	RR 2	Port Colborne	Ontario	L3K 5V4
Ms. Mr	Chad Jeremy	Mattie	16b84 Belleview Beach Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr. Mr.	Pierre Benoit	Maurice	11790 Montrose Rd	IXIX Z	Welland	Ontario	L3B 5N4
Mr.	Terrance Lee	Maxner	19I17 Augustine Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Josef Theodor	Mayr	33652 Sider Rd	RR 1	Wainfleet	Ontario	LOS 1V0
Mr.	Manuel	Mayr	32761 Feeder Rd	RR 1	Wainfleet	Ontario	LOS 1V0
Mr.	Albert Wayne	Mccaffery	Po Box 202 Stn Main	IXIX I	Port Colborne	Ontario	L3K 6V8
Mr.	Timothy William	Mccormick	12284 Brawn Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Daniel Maurice	Mccormick	10889 Sandpit Rd	1417.2	Alexander	NY USA	14005-9751
Mr.	James S	Mcdonald	104 Delton St		Tonawanda	NY USA	14150-5364
Mr.	Michael	Mcgee	89 Lexington Ave		Buffalo	NY USA	14222-1809
Ms.	Christine D	Mcivor	21438 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Helen	Mckay	873 Lakeshore Rd E	RR 1	Port Colborne	Ontario	L3K 5V3
Ms.	Jennifer	Mcknight	12569 Concession 1 Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Barbara	Mcknight	19m45 Hartwell St	11112	Wainfleet	Ontario	LOS 1VO
Mr.	Michael William	Mcmahon	19m62 Clarendon St	RR 1	Wainfleet	Ontario	LOS 1VO
Mr.	Peter James	Medvic	21988 Regional 3 Rd	RR 2	Wainfleet	Ontario	LOS 1VO
Mr.	John	Medvic	21567 Dixie Rd	RR 2	Wainfleet	Ontario	LOS 1VO
Mr.	Roland William	Meisel	190 Elgin St	2	Port Colborne	Ontario	L3K 3K3
Mr.	Craig Peter	Melowsky	16b10 Burnaby Rd		Wainfleet	Ontario	LOS 1V0
Mr.	Pierre Gilles	Mercier	15k56 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	David	Metler	11960 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Raymond Charles	Micheau	21806 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	John Peter	Migliaccio	808 Puck's Pl		Newmarket	Ontario	L3X 2K8
Mr.	Donald Joseph	Mikulec	673 Woodland Dr		Buffalo	NY USA	14223-1825
Mr.	Todd Jeffrey	Minor	Po Box 8		Wainfleet	Ontario	LOS 1V0
Mr.	Elwood Laverne	Minor	Rr 1		Lowbanks	Ontario	NOA 1KO
Mr.	Marco	Miranda	32573 Feeder Rd	RR 1	Wainfleet	Ontario	LOS 1V0
	David	Misdorp	12010 Station Rd	RR 2	Wainfleet		LOS 1V0
Mr.	Jasmina	Mladenovic	20m78 Side Rd 20	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Shawn Michael	Mollison	17k76 Highway 3		Wainfleet	Ontario	LOS 1V0
	Normand	Monfette	15k72 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Christopher Todd	Montgomery	20m94 Side Rd 20		Wainfleet	Ontario	LOS 1V0
Mr.	Dwayne August	Moormann	31810 Abbey Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Joseph A	Moormann	21892 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	August Alova	Moormann	31802 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
	Joseph Iserell	Moormann	31782 Garringer Rd	RR 2	Wainfleet	Ontario	LOS 1V0
	Joan Lucia	Morabito	3 Springhead Gdns		Welland	Ontario	L3C 5A7
Mr.	Michael	Morelli	157 Sunrise Dr		Hamilton	Ontario	L8K 4C7
Mr.	Raymond Joseph	Morrissey	22345 Side Rd 24	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Robert Morris	Moskalyk	16k80 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Peter	Mozel	52 Eastdale Cres		Welland	Ontario	L3B 1E8
Mr.	Mary	Muileboom	16k38 Highway 3		Wainfleet	Ontario	LOS 1V0
Ms.	Nadine Rutham	Muileboom	16k40 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
	Andreas Johannes	Mynlieff	32829 Feeder Rd	RR 1	Wainfleet	Ontario	LOS 1V0
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Mr.	Jay Andrew	Mynlieff	32821 Feeder Rd	RR 1	Wainfleet	Ontario	L0S 1V0		
	Noel Narcisse	Nadeau	23066 Burkett Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
	Attila	Nagy	19l19 Augustine Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	James William	Neville	11715 Side Rd 18	RR 2	Wainfleet	Ontario	L0S 1V0		
	Cherlyn Cornelia	Newhouse	20 Side Rd 20	RR 1	Wainfleet	Ontario	L0S 1V0		
Sir/Madame	ŕ	Niagara Credit Union Limited	75 Corporate Park Dr		St Catharines	Ontario	L2S 3W2		
Mr.	Raymond	Nieuwold	19m53 Napoleon St		Wainfleet	Ontario	L0S 1V0		
Ms.	Laurie Anne	Nisbett	11537 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Alvin	Norman	19m56 Highway 3		Wainfleet	Ontario	L0S 1V0		
Ms.	Gail	Norman	31826 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Guistino G	Nuccitelli	18m50 Highwway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Kimberly Ann	Obdeyn	137 Chantler Rd	RR 5	Welland	Ontario	L3B 5N8		
Mr.	Robert T	O'neill	138 Oakland Pl		Buffalo	NY USA	14222-2030		
Mr.	Michael Andrew	Oord	19m37 Brown St		Wainfleet	Ontario	L0S 1V0		
Mr.	Scott Alexander	Orosz	Po Box 150		Wainfleet	Ontario	L0S 1V0		
Mr.	Gregory	O'rourke	11723 Sideroad 18	RR 2	Wainfleet	Ontario	L0S 1V0		
	Mark Nicholas	Ostryhon	16k16 Elizabeth Cres	RR 2	Wainfleet	Ontario	L0S 1V0		
	Doris Ellen	Ostryhon	16k29 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
	Dean Joseph Francis	Ostryhon	16k12 Elizabeth Cres	RR 2	Wainfleet	Ontario	L0S 1V0		
	Clifford Frederick	Oudman	22221 Abbey Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr. & Ms.	William & Lois	Outred	11632 Burnaby Road		Wainfleet	Ontario	L0S 1V0	(905) 899-2439	
Ms.	Lorna Marie	Ovenden	32373 Feeder Rd	Po Box 123	Wainfleet	Ontario	L0S 1V0		
Mr.	Robert Osborne	Owen	19m44 Clarendon St		Wainfleet	Ontario	L0S 1V0		
Ms.	Anne Helen	Pacsuta	18l33 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
	Lynzie	Panetta	41438 Overholt Rd		Wainfleet	Ontario	L0S 1V0		
Mr.	David Albert	Park	15l71 Belleview Beach Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Victor	Parker	309 Utica St		Tonawanda	NY USA	14150-5433		
Mr.	Alfred Jack	Parker	11551 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Roderick James	Parkins	19m65 Brown St		Wainfleet	Ontario	L0S 1V0		
Mr.	Peter William	Parry	755 Cherry Hill Blvd	RR 1	Ridgeway	Ontario	L0S 1N0		
Mr.	John	Parsons	11754 Summerland Ave	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Glenn James	Parsons	18m40 Clarendon St	Gd	Wainfleet	Ontario	L0S 1V0		
Mr.	Thomas	Paschert	20m35 Bell Rd	RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	Andrew Emil	Pataran	31554 Garringer Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Paul Michael	Pataran	31552 Garringer Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Karen Ellen	Pattison	21185 Garringer Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Mark William	Patus	25 Sayles Ave		Welland	Ontario	L3C 5Y8		
Mr.	James Francis	Penberthy	268 Adam St		Tonawanda	NY USA	14150-2038		
Mr.	Vito Joseph	Pendola	16k46 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
	Robert	Perreault	19 Chantal Crt		Welland	Ontario	L3B 5V3		
Mr.	Hans Jurgen	Pickelman	12256 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Joseph Frederick	Pierce	16k36 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Dennis	Pietak	3932 Washington St		Niagara Falls	Ontario	14305-1512		
Mr.	Jason Adam	Pigeon	16k8 Elizabeth Cres	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	David Lionel	Pilon	20l10 Augustine Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Ronald	Pilozzi	82 Clinton St		Tonawanda	NY USA	14150-2033		
Mr.	John D	Pirson	15k66 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Keith Albert	Pirson	15k68 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Mikel Joseph	Pitt	11531 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Jeanette L	Placek	2781 Livingston Ave		Buffalo	NY USA	14213		
Mr.	Arthur Jacob	Plug	48 Flannery Lane		Thorold	Ontario	L2V 4V8		
Sir/Madame		Pol-Bee Investments Ltd	C/O Paul Breds	250 Lesmill Rd	North York	Ontario	M3B 2T5	I	

Mr	Androw	Dolo	24040 Highways: 2	IDD 0	Mainfloot	Ontorio	11.00.41/0	<del>                                     </del>	I	
	Andrew	Pols Pols	31818 Highway 3	RR 2	Wainfleet Wainfleet	Ontario	LOS 1V0 LOS 1V0			
	Simon		19m40 Highway 3	DD 0		Ontario				
Mr.	Georgia Sue	Pomper	21105 Dilts Rd	RR 2	Port Colborne	Ontario	L3K 5V4			
	Andrew	Postma	12080 Station Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
	William	Poulak	18m38 Highway 3	DD 4	Wainfleet	Ontario	L0S 1V0			
	George William	Powell	32841 Feeder Rd	RR 1	Wainfleet	Ontario	L0S 1V0			
Mr.	Terrence Sergio	Pracchia	11810 Side Rd 18	DD 0	Wainfleet	Ontario	L0S 1V0			
Mr.	James Lorne	Price	12274 Brawn Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
	Ryan Howard	Radobenko	39 Westwood Cres	DD 0	Welland	Ontario	L3C 4R2			
	Michelle Lee	Ramsay	21442 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0			
	Timothy David	Rank	56 Colonial Dr		Tonawanda	NY USA	14150-5254	(005) 000 4070		<i>r</i> : 0
1 -	Finn & Lene	Rasmussen	11770 Lakeshore Road		Wainfleet	Ontario	L0S 1V0	(905) 899-4072		finn@rasmussen-on.ca
Mr.	John	Rauscher	127 Melissa Cres		Welland	Ontario	L3C 6M5			
	Reginald	Raymond	12082 Station Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
	Daniel William	Reaman	22353 Abbey Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
Mr.	James Kenneth	Reesor	259 Ridge Rd E	RR 1	Grimsby	Ontario	L3M 4E7			
	James William	Reid	21812 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0			
	Jeffrey Stephen	Remington	20l7 Lakeshore Rd W	RR 2	Wainfleet	Ontario	L0S 1V0			
Ms.	Deborah Esther Stella	Repar	200 West Side Rd		Port Colborne	Ontario	L3K 5K7			
Mr.	Russell Keith	Richard	21I101 Lakeshore Rd		Wainfleet	Ontario	L0S 1V0			
Mr.	Marshall	Ricker	3370 Highway 3	RR 1	Jarvis	Ontario	N0A 1J0			
	Kenneth Norman	Ricker	11 Karen Crt	Ss 4	Fonthill	Ontario	L0S 1E4			
	Kenneth Norman	Ricker	21I149 Augustine Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
	Arnold Alfred	Robins	21814 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0			
	Patrick Joseph	Robson	12822 Minor Rd	RR 28	Wainfleet	Ontario	L0S 1V0			
	Constance Darlene	Rodgers	117221 Side Rd 18	RR 2	Wainfleet	Ontario	L0S 1V0			
Mr.	Ronald Ray	Rodgers	19m41 Hartwell St		Wainfleet	Ontario	L0S 1V0			
Mr.	Richard	Rodrigue	16b82 Belleview Beach Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
Ms.	Darlene Anne	Rogers	17k73 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0			
	Wayne Robert	Rogers	16k88 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
Sir/Madame		Rogers Cantel Inc	Property Management Dept	1 Mount Pleasant Rd	Toronto	Ontario	M4Y 2Y5			
Sir/Madame		Roman Catholic Episcopal Cor	Po Box 117		Wainfleet	Ontario	L0S 1V0			
Mr.	David Bruce	Rose	15k81 Burnaby Rd		Wainfleet	Ontario	L0S 1V0			
Mr.	Dwayne	Roseborough	15I79 Belleview Beach Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
	Stephanie Ann	Rosiana	C/O Richard Rosiana	5257 Ottawa Ave	Niagara Falls	Ontario	L2E 4Y9			
Mr.	Erno Delano	Rossi	147 Tennessee Ave		Port Colborne	Ontario	L3K 2R8			
	Brent	Roszell	31426 Malowany Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
	Ralph	Rotella	100 Oxford Blvd		Port Colborne	Ontario	L3K 5Y3			
Ms.	Sally Louise	Roth	663 Niagara St		Tonawanda		14150-3601			
Ms.	Eleanor I	Rutkowski	45 Kies Crt		Buffalo	NY USA	14213			
Ms.	Irene Louise	Ruzylo	178 Steele St		Port Colborne	Ontario	L3K 4X6			
		Sacrey	13794 Highway 2	RR 4	Cobourg	Ontario	K0K 1S0			
		Safruk	12159 Brawn Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
		Sahr	69 Countryside Lane		Grand Island	NY USA	14072			
Ms.	Barbara	Salerno	368 Tennyson Dr		Oakville	Ontario	L6L 3Y9			
Sir/Madame		Sam Young Electric Limited	11290 Golf Course Rd	RR 2	Port Colborne	Ontario	L3K 5V4			
Mr.	James T	Sandoro	25 Myrtle Ave		Buffalo	NY USA	14204-2047			
	Andrew Jack	Saunders	197 Mang Ave		Kenmore	NY USA	14217-2633			
Mr.		Schertzing	21131 Dilts Side Road 12	RR 2	Port Colborne	Ontario	L3K 5V4			
Mr.	Robert	Schertzing	21444 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0			
Mr.	Adolf	Schmitz	16b92 Belleview Beach Rd	RR 2	Wainfleet	Ontario	L0S 1V0			
Ms.	Heather Margaret	Schram	17 Rondelle Pl		St Catharines	Ontario	L2N 2V5			

Mr.	Christopher	Scotland	11986 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Margaret Mary	Scott	16k17 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Ronald Henry	Sevenpifer	11381 Highway 3 W	RR 2	Port Colborne	Ontario	L3K 5V4
Ms.	Mary L	Seyler	348 Zimmerman Blvd		Buffalo	NY USA	14223-1024
Mr.	Kenneth	Sharpe	11828 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	John A	Shepherd	419 Delta Rd Unit 2		Buffalo	NY USA	14226-1120
Ms.	Susan Holly	Sherk	20 Brock Ave	Po Box 1114	Fonthill	Ontario	LOS 1E0
Ms.	Marilyn Robertson	Sherman	14333 Lake Ma Aline Blvd	Gd	Tampa	FI Usa	33618
Ms.	Jacqueline Grace	Shiels	Po Box 125		Wainfleet	Ontario	LOS 1V0
Mr.	Steven William	Shiels	21383 Garringer Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Wayne Orval	Shoemaker	15k89 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Earl	Sibbald	16k84 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Janet	Sider	16l64 Belleview Beach Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Jane Doreen	Siever	1364 101st St		Niagara Falls	NY USA	14304-2716
Mr.	James	Simonics	19m53 Brown St	Po Box 41	Wainfleet	Ontario	LOS 1V0
Ms.	Stephanie Joan	Simpson	11533 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Bradford Christopher	Skinner	40 Virginia St	1111	Welland	Ontario	L3C 7A4
Ms.	Susan Christine	Skotniski	11662 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Stanley Ferdinan	Skotniski	31337 Malowany Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Carolyn	Skrypetz	1578 Keenleyside Crt		Mississauga	Ontario	L5G 2V9
Mr.	Wade Edward	Smith	650 King St		Port Colborne	Ontario	L3K 4H8
Ms.	Barbara May	Smith	20l36 Augustine Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Daniel	Smith	16k50 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Brandon Richard	Smith	19m47 Brown St		Wainfleet	Ontario	LOS 1V0
Mr.	Gregory Joseph	Smith	16b70 Belleview Beach Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Michelle	Solinas	3246 Respond Rd	11112	Mississauga	Ontario	L5M 7X4
Ms.	Deborah Lynn	Souder	16k13 Elizabeth Cres	RR 2	Wainfleet	Ontario	LOS 1V0
11101	Audie	Soulsby	3672 Gunning Dr	11112	Niagara Falls	Ontario	L2G 6L4
Mr.	Wayne Arthur	Sparks	16k92 Burnaby Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Penny Veldora	Speck	16k23 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Joann Veronica	Spence	11066 Neff Rd	RR 2 Stn Main	Port Colborne	Ontario	L3K 5V4
Mr.	Anthony	Spiteri	812 Douglas Woods PI Se		Calgary	Alberta	T2Z 3P2
Ms.	Margo	Springer	137 Russell Ave		St Catharines	Ontario	L2R 1W2
Mr.	Alain Clement	St Pierre	475 Wallace Ave N		Welland	Ontario	L3B 1R3
Mr.	Paul Leonard	Stachnik	144 Hartford Ave		Buffalo	NY USA	14223-2738
Ms.	Grace Elizabeth	Staley	12022 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Glenn	Stansfield	Po Box 157		Wainfleet	Ontario	LOS 1V0
Mr.	Edwin Roy	Staples	15k59 Highway 3		Wainfleet	Ontario	LOS 1V0
Mr.	David C	Steuernagel	1025 Castlebar Dr		North Tonawanda	NY USA	14120-2970
Mr.		Stirtzinger	22433 Abbey Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Herman William	Stolk	18m71 Highway 3		Wainfleet	Ontario	LOS 1V0
Ms.	Emma Maria	Stoop	41037 Feeder Rd	RR 3	Wainfleet	Ontario	LOS 1V0
Mr.	Adrian Joseph	Stoop	41169 Feeder Rd E	RR 3	Wainfleet	Ontario	LOS 1V0
Mr.	Frank Joseph	Stoop	41037 Feeder Rd E	RR 3	Wainfleet	Ontario	LOS 1V0
Mr.	Bruce L	Stouth	21858 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Judith Margaret	Stouth	21850 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
121	Mudite	Strazdins	31646 Garringer Rd	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Thomas David	Stutz	15b95 Belleview Beach Rd	RR 2	Wainfleet	Ontario	LOS 1V0
	Rudy	Sukkel	21733 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
Mr.	Robert James	Sulston	11824 Lakeshore Rd	RR 2	Wainfleet	Ontario	LOS 1V0
	Swetlana	Suschinskij	17k52 Highway 3	RR 2	Wainfleet	Ontario	LOS 1V0
Ms.	Margaret Joan	Swoboda	12021 Concession 1 Rd	RR 2	Wainfleet	Ontario	LOS 1V0
1410.	Imargarot Joan	- Tonoboda	12021 Outlogssion 1 Nu	J1343 Z	I v v ali ili cet	TOTILATIO	

Sir/Madame		T M Spratt Limited	186 Greens Rd		Caledonia	Ontario	N3W 1X2		
Ms.	Elaine	Tattersall	17 Ottawa St		St Catharines	Ontario	L2R 1Z1		
Mr.	Philip	Taylor	18l51 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Thomas	Theofanidis	53 Clapperton Ave		Scarborough	Ontario	M1L 4K7		
Ms.	Karen Kay	Therrien	19m46 Clarendon St	Gd	Wainfleet	Ontario	L0S 1V0		
Ms.	Donna June	Thiessen	21I156 1/2 Augustine Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Trevor	Thomas	21949 Abbey Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	John	Thompson	2488 Shurie Rd		Smithville	Ontario	L0R 2A0		
Mr.	Darryl Brent	Thompson	18m44 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Robert Douglas	Thompson	15b86 Lakeshore Rd W	RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	John Dale	Thompson	15b91 Belleview Beach Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Thomas S	Tokar	15k87 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Stanley	Tomaszewski	475 Oneida St		Lewiston	NY USA	14092-1267		
Ms.	Sara Diane	Tomlinson	111 Lockhart Dr		St Catharines	Ontario	L2T 1W3		
Ms.	Patricia A	Toole	1809 Arbor Knoll Loop		New Port Richey	FL USA	34655-7204		
Ms.	Jacqueline	Тора	20m28 Clarendon St		Wainfleet	Ontario	L0S 1V0		
Mr.	Daniel Robert	Topa	Rr 1		Wainfleet	Ontario	L0S 1V0		
Mr.	Gordon	Trafananko	31840 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Wayne Scott	Trimmer	9260 Greiner Rd		Clarence	Ontario	14031-1209		
Sir/Madame		Triple G Farms Inc	42771 Gilmore Rd	RR 1	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		True Remainders Ltd	2318 Regional Rd 81	RR 1	St Catharines	Ontario	L2R 6P7		
Ms.	Elizabeth L	Turner	21539 Dixie Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Carl Wayne	Turton	12229 Concession 1 Rd	Po Box 131 Stn Main	Port Colborne	Ontario	L3K 5V8		
Mr.	Thomas	Twist	359 Rosedale Blvd		Buffalo	NY USA	14226-2239		
Ms.	Barbara	Tylee	147 Dorchester Dr		Grimsby	Ontario	L3M 5J9		
Mr.	Robert Walter	Tytko	101 Front St	Po Box 467	Hastings	Ontario	K0L 1Y0		
Mr.	Harry Norman	Upfold	32769 Feeder Rd	RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	Gilbert James	Van Ginkel	31375 Malowany Side Rd 14	RR 3	Wainfleet	Ontario	L0S 1V0		
Ms.	Elisabeth	Van Hengstum	23046 Burkett Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Gerrit W	Van Luttikhuisen	11488 Moore Rd	RR 2	Port Colborne	Ontario	L3K 5V4		
Ms.	Pamela Margaret	Van Osch	32173 Feeder Rd	RR 1	Wainfleet	Ontario	L0S 1V0		
Ms.	Mary	Vandelaar	17k65 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Ronald Gerard	Vandelaar	17k69 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Allen Jeffrey	Vanderlingen	31711 Highway 3	RR 1	Wainfleet	Ontario	L0S 1V0		
Mr. & Ms.	Bert & Karen	Vanginkel	31375 Side Road 14		Wainfleet	Ontario	L0S 1V0	(905) 899-3892	
Mr.	Chrisrobert	Vankralingen	11654 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Gerald	Veldhuizen	23041 Feeder Rd	RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	Gerald	Veldhuizen	31l92 Lakeshore Rd W	RR 1	Lowbanks	Ontario	N0A 1K0		
	Francis	Vella	19m50 Napoleon St		Wainfleet	Ontario	L0S 1V0		
Mr.	Larry James	Vervaeke	16b12 Burnaby Rd		Wainfleet	Ontario	L0S 1V0		
Ms.	Lorna Gertrude	Vicary	19m64 Highway 3	Po Box 5	Wainfleet	Ontario	L0S 1V0		
Ms.	Christine	Vidal	107 Columbia Dr		Buffalo	NY USA	14221-6850		
Mr.	Alfred	Villazor	25 Metcalfe St		Toronto	Ontario	M4X 1R5		
Mr.	Rudolfus Karl	Vink	21319 Outred Rd	RR 2 Stn Main	Port Colborne	Ontario	L3K 5V4		
Sir/Madame		Virk Poultry Farms Inc	C/O Chaudary Abdulrehman	22181 Abbey Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		Virk Poultry Farms Inc	1542 Lookout St	RR 1	Ridgeville	Ontario	L0S 1M0		
Mr.	Anthony Jacob	Vis	15k55 Highway 3		Wainfleet	Ontario	L0S 1V0		
Mr.	Darren Andrew	Vitberg	1229 Master St		North Tonawanda	NY USA	14120-2252		
Mr.	John Richard	Vittore	11535 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Nicholaas Gerardus	Vriend	22382 Concession 1 Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Gerald Frederick	Vriend	21111 Dilts Rd	RR 2	Port Colborne	Ontario	L3K 5V4		
Sir/Madame		Wainfleet Lions Club	C/O G Deruyte	Gd	Wainfleet	Ontario	L0S 1V0		

Mr.	Andrew Craig	Wakeham	442 Strathmore Blvd		Toronto	Ontario	M4C 1N5		
Mr.	Richard Mark	Wakunick	22506 Daley Ditch Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Joyce	Walberg	441 30th St		Hermosa Beach	Ca Usa	90254-2131		
Mr.	Ronald Nathaniel	Walker	Po Box 73		Wainfleet	Ontario	L0S 1V0		
Mr.	Michael Joseph	Warthling	330 Main St		Tonawanda	NY USA	14150-3321		
Mr.	John Charles	Watts	12278 Brawn Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Robert A	Webster	15k82 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	William Garth	Wehlann	20l37 Augustine Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Richard A	Wellenreiter	105 Rockcliffe Rd		Dundas	Ontario	L9H 7H6		
Mr.	Theodore Frederick	Wernham	12037 Concession 1 Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Alexander	Wessel	1 Adelaide Pl		Toronto	Ontario	M5V 2N7		
Mr.	Anthony Neil	Whatley	19m61 Brown St		Wainfleet	Ontario	L0S 1V0		
Mr.	Gerald Wayne	Whelan	2593 Pekin Rd		Springboro	Oh Usa	45066-7734		
Mr.	Jeffery David	Whitehall	15k93 Burnaby Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Brian	Wicks	71 Coronation Dr		Port Colborne	Ontario	L3K 3Z5		
	Francis Gordon	Wilkie	21l41 Walnut Hill Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Allan B	Williams	11761 Summerland Ave	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Marilyn Jean	Williams	11761 Summerland Ave	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Ronald	Williams	23 Portal Dr		Port Colborne	Ontario	L3K 6G2		
Mr.	John Lawrence	Wills	19m37 1/2 Highway 3		Wainfleet	Ontario	L0S 1V0		
	Ashley	Wilson	11286 Golf Course Rd		Wainfleet	Ontario	L0S 1V0		
Ms.	Barbara Ann	Winger	11345 Hgihway 3 W	RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Charles Curtis	Winger	15k54 Highway 3	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Douglas Ronald	Winger	31445 Bell Rd		Wainfleet	Ontario	L0S 1V0		
Ms.	Teresa	Wiwchar	58 Glenholme Ave		Toronto	Ontario	M6H 3A9		
Mr.	Edward S	Wolek	19l99 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Joan Diane	Wolff	4791 William St Apt 216		Depew	NY USA	14043-4647		
Mr.	David Alfred	Young	11282 Golf Course Rd	RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Luke Edward	Young	40927 Wilson Rd 10	RR 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Henry	Zandvliet	11966 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Theodore Martin	Zandvliet	11836 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Martin	Zandvliet	11976 Lakeshore Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Juergen	Zierle	41391 Malowany Rd	RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Dennis	Zierle	41399 Mallowany Rd	RR 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Kenneth Walter	Zylstra	235 Diltz Rd	RR 2	Dunnville	Ontario	N1A 2W2		

## NOTICE OF A PROPOSAL TO ENGAGE IN A PROJECT AND NOTICE OF PUBLIC OPEN HOUSE

### **Wainfleet Wind Energy Project**

### Published in accordance with S.15(1)(a)(b) of Ontario Regulation 359/09

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The distribution of this notice of a proposal to engage in this wind energy project and the project itself are subject to the provisions of the Environmental Protection Act of Ontario ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

MH is currently preparing studies of the environmental effects of the development and operation of the proposed project in accordance with the requirements of the Act and Regulation. Where applicable, MH will work with the appropriate federal and provincial agencies to ensure that the project meets the requirements for federal and/or provincial permits or approvals. This may include an approval under the Canadian Environmental Assessment Act ("CEAA").



Project Description: The proposed Wainfleet Wind Energy Project is located in south-western Ontario, in the Township of Wainfleet, in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area (please see map for location). Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All turbines will be located on private lands and set away from significant environmental features such as residences, waterbodies, woodlots, and

A draft Project Description Report titled Wainfleet Wind Energy Project Renewable Energy Approval Project Description Report has been prepared, which provides additional project information and details. This document is available to anyone interested. A copy has been made available for public review at the Township of Wainfleet Clerk's Office (19M43 Hwy. #3, P.O. Box 40, Wainfleet, Ontario, LOS 1V0). The draft Project Description Report can also be viewed on the project website at www.ipcenergy.ca

Public Open House #1: If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. Public Open Houses provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. This will be the first of two Public Open Houses for this project; the next will be scheduled in the fall of 2010. We appreciate your input and welcome your attendance at our first Public Open House scheduled for:

> August 24, 2010 3:00 p.m. to 7:00 p.m. Time: **Township of Wainfleet** Location:

Firefighters Memorial Community Hall

19M7 Park Street

Wainfleet, Ontario, LOS 1V0

For More Information: If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Mr. Sunny Galia Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1 Office: 905-607-1016 Fax: 905-607-5995

E-mail: Sunny@ipcenergy.ca

**Environmental Planner, MH** Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1 Office: 416-499-3110 Fax: 416-499-9658

Mr. Jonathan Veale

E-mail: jveale@morrisonhershfield.com

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## REGIONAL NEWS



Patrick Gedge takes over as president and CEO of the new Winery and Grower Alliance of Ontario in August.

# New winery alliance lures NEDCO's Gedge

BY PAUL FORSYTH **STAFF** 

The chief executive officer of the Niagara Economic Development Corporation (NEDCO) is leaving his post to take over as CEO and president of a new association representing some of Ontario's largest wineries.

Patrick Gedge takes over his new post at the helm of the Winery and Grower Alliance of Ontario in August.

The alliance was formed late last year when a half-dozen major wineries split from the Wine Council of Ontario. A major reason for the split was a tax increase on blended wines sold in private wine stores.

Anthony Bristow, chair of the alliance, said he was thrilled to attract a high-profile business leader with specific knowledge of the Niagara region and its economy to steer the new organization.

"The combination of great leadership skills and deep understanding of the agriculture community in Niagara will be key in taking our growing organization to the next level," said Bristow. "We are extremely pleased to have Patrick join us to take on this challenge."

Gedge said he was anxious to start work with the alliance, which said it represents more than 90 per cent of all domestic wine produced in Ontario including both Ontario Vintner Quality Alliance and international-Canadian blended wines.

"It is a fantastic opportunity and I look forward to working with all of the industry partners to help build a long-term, sustainable and successful Ontario grape and wine industry," he said.

During Gedge's tenure at NEDCO, the agency — funded by Niagara's regional government and overseen by a board that includes some regional councillors — was at times the subject of criticism from some municipal politicians over what some saw as a lack of transparency and duplication of services also provided by economic development agencies in some of Niagara's municipalities.

Niagara Falls Regional councillor Norm Puttick, the most outspoken of those critics, vowed in 2008 to declare "war" on NEDCO, with the goal of having it dissolved.

Gedge oversaw, among other things at NEDCO, development of the Niagara economic growth strategy and the creation of the 'Niagara Original' campaign meant to create a unique Niagara branding. That campaign won an award of excellence in marketing from the Economic Developers Council of Ontario earlier this year.

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Wainfleet, Ontario, LOS 1V0

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Mr. Sunny Galia Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1 Office: 905-607-1016 Fax: 905-607-5995 E-mail: Sunny@ipcenergy.ca

Mr. Jonathan Veale **Environmental Planner, MH Wainfleet Wind Energy Project** 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1 Office: 416-499-3110 Fax: 416-499-9658 E-mail: jveale@morrisonhershfield.com

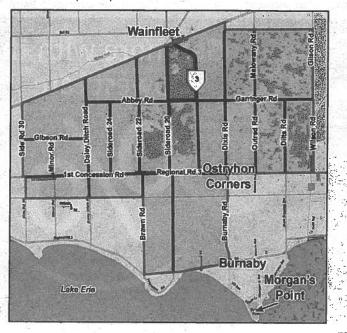
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## **Wainfleet Wind Energy Project**

## Published in accordance with S.15(1)(a)(b) of Ontario Regulation 359/09

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The distribution of this notice of a proposal to engage in this wind energy project and the project itself are subject to the provisions of the Environmental Protection Act of Ontario ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation. This notice was originally published on Thursday, July 22, 2010.

MH is currently preparing studies of the environmental effects of the development and operation of the proposed project in accordance with the requirements of the Act and Regulation. Where applicable, MH will work with the appropriate federal and provincial agencies to ensure that the project meets the requirements for federal and/or provincial permits or approvals. This may include an approval under the Canadian Environmental Assessment Act ("CEAA").



Project Description: The proposed Wainfleet Wind Energy Project is located in south-western Ontario, in the Township of Wainfleet. in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area (please see map for location). Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All turbines will be located on private lands and set away from significant environmental features such as residences, waterbodies, woodlots, and

A draft Project Description Report titled Wainfleet Wind Energy Project Renewable Energy Approval Project Description Report has been prepared, which provides additional project information and details. This document is available to anyone interested. A copy has been made available for public review at the Township of Wainfleet Clerk's Office (19M43 Hwy. #3, P.O. Box 40, Wainfleet, Ontario, LOS 1VO). The draft Project Description Report can also be viewed on the project website at www.ipcenergy.ca.

Public Open House #1: If you are Interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. Public Open-Houses provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. This will be the first of two Public Open Houses for this project; the next will be scheduled in the fall of 2010. We appreciate your input and welcome your atter our first Public Open House scheduled for:

Time:

August 24, 2010 3:00 p.m. to 7:00 p.m. Township of Wainflee

Firefighters Memorial Community Hall 19M7 Park Street

For More Information: If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Mr. Sunny Galia Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1 Office: 905-607-1016 Fax: 905-607-5995 E-mail: Sunny@ipcenergy.ca

Mr. Jonathan Veale **Environmental Planner, MH Wainfleet Wind Energy Project** 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1 Office: 416-499-3110 Fax: 416-499-9658 E-mail: iveale@morrisonhershfield.com

## REGIONAL NEWS

The value of

accreditation is

things we do well,

and also learning

from others as to

what we can

improve upon.

— Debbie Sevenpifer

both showcasing the

## REVIEW

NHS was compliant in more than 95 per cent of criteria. Action plans have been submitted to address the remaining areas that need improvement, said Demizio.

The NHS was given a three-year accreditation until the next review in late 2012.

approval is significant given the fact that Accreditation Canada has about 1,060 Canadian clients, yet only 30 per cent of those clients receive an award of accreditation.

Among the achievements noted by the surveyors were the development of the new hospital and regional cancer centre, enhanced medication management

processes, enhanced infection prevention and control processes and walkabouts and strong leadership

engagement in financial recovery.

The surveyors found challenges faced by the NHS include aging buildings, enhancing patients' role in patient safety, and the implementation of professional staff bylaws.

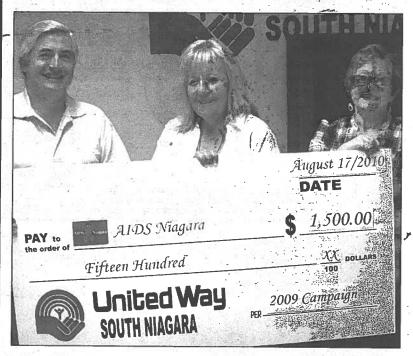
Debbie Sevenpifer, president and CEO of the NHS, said the hospital system is firmly committed to con-Demizio said that stamp of tinuously improving on quality to ensure programs and ser-

vices meet industry standards.

"The value of accreditation is both showcasing the things we do well, and also learning from others as to what we can improve upon," she said.

In 2008, an independent provincial panel of experts also awarded the NHS' laboratories a

five-year accreditation — the highest possible award — for meeting or policies, patient safety leadership exceeding every single one of more than 400 standards.



## AIDING THE AIDS FIGHT

The United Way of South Niagara presented a cheque worth \$1,500 to AIDS Niagara on Tuesday. John Nicol. United Way president, presented the cheque to Jody Yurchuk, AIDS Niagara education support coordinator and Marie Belliveau. AIDS Niagara board of directors chair.



July 22, 2010

«Title» «First Name» «Last Name»
«Address\_Line\_1»
«Address\_Line\_2»
«City», «Province» «Postal\_Code»

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

#### Dear «Title» «Last Name»:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

The purpose of this letter is to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. Also, we invite you to attend our Public Open House on August 24th, 2010 to learn more about our proposal.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located south-western Ontario, in the Township of Wainfleet, in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached for your information. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All wind turbines are to be placed in open agricultural fields within the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH is currently preparing studies of the environmental effects of the development and operation of the proposed project in accordance with the requirements of the Act and Regulation. Where applicable, MH will work with the appropriate federal and provincial agencies to ensure that the project meets the requirements for federal and/or provincial permits or approvals. This may include an approval under the *Canadian Environmental Assessment Act* ("CEAA").

A draft Project Description Report titled *Wainfleet Wind Energy Project Renewable Energy Approval Project Description Report* has been prepared, which provides additional project information and details. This document is available to anyone interested. A copy will be made available for public review at the Township of Wainfleet Office (19M43 Hwy. #3, P.O. Box 40,

Wainfleet, Ontario, LOS 1V0). The draft Project Description Report can also be viewed on the project website at www.ipcenergy.ca.

**Public Open House #1:** If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. Public Open Houses provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. This will be the first of two Public Open Houses for this project; the next will be scheduled in the fall of 2010. We appreciate your input and welcome your attendance at our first Public Open House scheduled for:

Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

Location: Township of Wainfleet, Firefighters Memorial Community Hall

19M7 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact us.

Yours truly,

### Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995

E-mail: sunny@ipcenergy.ca

### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com

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Title	First_Name	Last_Name	Job_Title	Company_Name	Address_Line_1	City	Province	Postal_Code	Phone	Fax	Email
MUNICIPAL (	GOVERNMENT										
Ms.	Maria	Andersen	Communications Specialsits	Niagara Region	2201 St. David's Road, P.O. Box 1042	Thorold	Ontario	L2V 4T7	(905) 685-4225, ext. 3413		
			Corporate Services, Integrated Community Planning			<u> </u>		1.01.4=-			
Mr.	Kevin	Bain	Regional Clerk	Niagara Region	2201 St. David's Road, P.O. Box 1042	Thorold	Ontario	L2V 4T7	(005) 005 4005		and because @ air
Mr.	Curt	Benson	Manager of Policy Planning	Niagara Region	2201 St. David's Road, P.O. Box 1042	Thorold	Ontario	L2V 4T7 L2V 4T7	(905) 685-4225, ext. 3367		curt.benson@niagararegion.ca
Mr	Gary Don	Burroughs Campbell	Regional Chair  Manager, Development Initiatives	Niagara Region Niagara Region	2201 St. David's Road, P.O. Box 1042 2201 St. David's Road, P.O. Box 1042	Thorold Thorold	Ontario Ontario	L2V 4T7	(905) 685-4225, ext. 3385		don.campbell@niagararegion.ca
Ms.	Marilyn	Radman	Manager, Development Planning	Niagara Region	2201 St. David's Road, P.O. Box 1042	Thorold	Ontario	L2V 417	(905) 685-4225, ext. 3485		mark.johnston@niagararegion.ca
			Public Works, Development Services				J		(130) 000 1220, 000 0400		simjonnoton emagararogionioa
Mr.	John	Cunnane	Director, Emergency Services	Niagara Region, Emergency Medical Services	2201 St. David's Road, P.O. Box 1042	Thorold	Ontario	L2V 4T7	(905) 685-1571		
Mr.	Kyle	Moate	Manager, Infrastructure Planning & Asset Management	Niagara Region, Water and Wastewater Services Division		Thorold	Ontario	L2V 4T7	(905) 685-4225		
Ms.	Darlene C.	Durham	President	Niagara Regional Exhibition	1100 Niagara Street	Welland	Ontario	L3C 1M6	(905) 735-6413	(905) 735-2317	nreoffice@nre.ca
Mr.	John	Boerema	Chief Building Official/Bylaw Enforcement Officer	Township of Wainfleet	31940 Highway 3, P.O. Box 40	Wainfleet	Ontario	LOS 1V0	(905) 899-3463, ext. 276		building@township.wainfleet.on.ca
Mr.	Richard	Dykstra	Alderman	Township of Wainfleet	31940 Highway 3, P.O. Box 40	Wainfleet	Ontario	L0S 1V0	(005) 000 0500		
Mr.	Ted	Hessels	Alderman	Township of Wainfleet	73272 Robertson Road, RR 3	Wellandport	Ontario	L0R 2J0	(905) 386-6580		thessels@township.wainfleet.on.ca
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Mrs.	Betty Tanya	Konc Lamb	Township Clerk	Township of Wainfleet Township of Wainfleet	31940 Highway 3, P.O. Box 40 31940 Highway 3, P.O. Box 40	Wainfleet Wainfleet	Ontario Ontario	L0S 1V0	(905) 899-3463, ext. 226	(905) 899-2340	tlamb@township.wainfleet.on.ca
Mr	Scott	Luey	Chief Administrative Officer/Planning	Township of Wainfleet	31940 Highway 3, P.O. Box 40	Wainfleet	Ontario	L0S 1V0	(905) 899-3463, ext. 223	(903) 099-2040	sluey@township.wainfleet.on.ca
Mr.	Dale	Minor	Building Inspector	Township of Wainfleet	31940 Highway 3, P.O. Box 40	Wainfleet	Ontario	L0S 1V0	(905) 899-3463, ext. 243		buildinginspector@township.wainfleet.on.ca
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Mr.	Greg	Wuisman	Director of Operations	Township of Wainfleet	31940 Highway 3, P.O. Box 40	Wainfleet	Ontario	L0S 1V0	(905) 899-3022, ext. 245	(905) 899-3022	gwuisman@township.wainfleet.on.ca
Mr.	David B.	Wyatt	Alderman	Township of Wainfleet	31940 Highway 3, P.O. Box 40	Wainfleet	Ontario	L0S 1V0			
Mr.	Harry	Flagg	Fire Chief	Wainfleet Fire Department & Emergency Services	31940 Highway 3, P.O. Box 40	Wainfleet	Ontario	L0S 1V0	(905) 899-3463		
PROVINCIAL	GOVERNMENT	1					1-	1			
Mr.	Malcolm	Horne	Archaeology Review Officer, Cultural Programs Unit	Ministry of Tourism, Culture & Sport, Cultural Division	401 Bay Street, Suite 1700	Toronto	Ontario	M7A 0A7	(416) 314-7146		malcolm.horne@ontario.ca
			W. II. 14400	Programs & Services Branch	2016 0: 10 116 116 100			100.011	(00.5) 500 000 (	(0.05) 500 0500	
IVIS.	Cindy	Forster	Welland MPP	Constituency Office	60 King Street, Canal View, Unit 103	Welland	Ontario	L3B 6A4	(905) 732-6884	(905) 732-9782	cforster-co@ndp.on.ca
Ms.	Pam	Wheaton	Director Aboriginal and Ministry Relationships Branch Resource and Economic Development	Ministry of Aboriginal Affairs	160 Bloor Street East, 9th Floor	Toronto	Ontario	M7A 2E6	(416) 326-4053	(416) 326-4017	pam.wheaton@ontario.ca
Mr.	Jake	DeBruyn	Engineer, New Technology Integration Innovation Engineering and Program Delivery, Eastern Region	Ministry of Agriculture, Food and Rural Affairs	1 Stone Road West, 3rd Floor	Guelph	Ontario	N1G 4Y2	(519) 826-4584		jake.debruyn@ontario.ca
Mr.	Peter	Doris	Environmental Specialist Innovation Engineering and Program Delivery, Eastern Region	Ministry of Agriculture, Food and Rural Affairs	Brighton Resource Centre, 95 Dundas Street East, R.R. #3	Brighton	Ontario	K0K 1H0	(613) 475-5604		peter.doris@ontario.ca
Mr	Leo	Tasca Downs	Manager, Renewable Energy Unit  Director, Public Appointments Secretariat	Ministry of Energy, Renewable & Energy Efficiency  Ministry of Government Services, Hontario	880 Bay Street, 2nd Floor Whitney Block, 99 Wellesley Street West, Rm.	Toronto Toronto	Ontario Ontario	M7A 2C1 M7A 1W4	(416) 326-3775 (416) 327-2632		leo.tasca@ontario.ca
Ms.	Brenda	Duggan	Program Manager, Central West, London	Centre for Leadership & Learning  Ministry of Health & Long-Term Care, Direct Services	Whitney Block, 99 Wellesley Street West, Rm 2440 217 York Street, 5th Floor	London	Ontario	N6A 5P9	(416) 327-2632 (519) 675-6821		neil.downs@ontario.ca
Mr.	Ralph	Walton	Director, Local Government Policy Branch	Division  Ministry of Municipal Affairs and Housing	College Park, 777 Bay Street, 13th Floor	Toronto	Ontario	M5G 2E5	(416) 585-7260		ralph.walton2ontario.ca
				Local Government & Planning Policy Division							
Ms.	April	Nix	Planning Ecologist, Guelph District	Ministry of Natural Resources, Guelph District	1 Stone Road West	Guelph	Ontario	N1G 4Y2	(519) 826-4939		april.nix@ontario.ca
Mr.	Jim	Beal	SC Regional Coordinator, Renewable Energy Program	Ministry of Natural Resources, Policy Division	300 Water Street, 5th Floor South	Peterborough	Ontario	K9J 8M5	(705) 755-3203		
				Biodiversity Branch		0 11	0	5011 4110	(707) 007 1107		
Ms.	Sandra	Dosser	Renewable Energy Coordinator, Regional Planning Unit	Ministry of Natural Resources, Regional Operations	Ontario Government Complex, Highway 101	South	Ontario	P0N 1H0	(705) 235-1185		sandra.dosser@ontario.ca
Mo	Doris	Dumais	Director, Environmental Approvals Access & Serivce Integration	Divisions Ministry of the Environment	East, P.O. Bag 3020 2 St. Clair Street West, Floor 12A	Porcupine Toronto	Ontario	M4V 1L5	(416) 314-8171	(416) 314-8452	doris.dumais@ontario.ca
Ms	Narren	Santos	Senior Program Support Coordinator, Environmental Approvals	Ministry of the Environment	2 St. Clair Street West, Floor 12A	Toronto	Ontario	M4V 1L5	(416) 314-8442	(416) 314-6810	narren.santos@ontario.ca
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Mr.	Rich	Vickers	District Manager, Niagara District Office	Ministry of the Environment	301 St. Paul Street East, 9th Floor, Suite 15	St. Catharines	Ontario	L2R 7R4	(905) 704-3904		richard.vickers@ontario.ca
Ms.	Paula	Kulpa	Acting Team Leader-L & Use Planning, Cultural Services Unit	Ministry of Tourism, Culture & Sport, Cultural Division Programs & Services Branch	401 Bay Street, Suite 1700	Toronto	Ontario	M7A 0A7	(416) 314-7137	(416) 314-7175	paula.kulpa@ontario.ca
Mr.	Chris	Schiller	Manager, Culture Services Unit	Ministry of Tourism, Culture & Sport, Cultural Division	401 Bay Street, Suite 1700	Toronto	Ontario	M7A 0A7	(416) 314-7144		chris.schiller@ontario.ca
Me	Lyn	Povce	Pegional Advisor St. Cathorings Office	Programs & Services Branch Ministry of Tourism Culture & Sport Pegional &	301 St. Paul Street Oth Floor	St Cathorine	Ontorio	I 2D 7D4	(905) 704-3054		lyn royce@ontario.co
Ms.	Lyn	Royce	Regional Advisor, St. Catharines Office	Ministry of Tourism, Culture & Sport, Regional & Corporate Services Division	301 St. Paul Street, 9th Floor	St. Catharines		L2R 7R4	(905) 704-3951		lyn.royce@ontario.ca
Mr.	Alexandre	Gitkow	Permits Officer, Corridor Management Section	Ministry of Transportation, Central Region	1201 Wilson Avenue, Bldg. D, 7th Floor	Downsview	Ontario	M3M 1J8	(416) 235-4387	(416) 235-4267	alexandre.gitkow@ontario.ca
Mr.	Lou	Politano	Regional Director, Central Toronto	Ministry of Transportation, Central Region	1201 Wilson Avenue, Bldg. D, 2nd Floor	Downsview	Ontario	M3M 1J8	(416) 235-5400		lou.politano@ontario.ca
Mr.	OVERNMENT Malacim	Allon	Wolland MP	Constituency Office	60 King Stroot Unit 404	Molland	Ontori-	I 2D CA4	(005) 789 2204	(005) 700 0074	allon ma@parl go co
IVII .	Malcolm Lee H.	Allen Goldberg	Welland MP Windfarm Coordinator, Integrated Technical Services	Constituency Office Canadian Coast Guard	60 King Street, Unit 101	Welland	Ontario	L3B 6A4	(905) 788-2204 (519) 383-1925	(905) 788-0071 (519) 383-1998	allen.ma@parl.gc.ca Windfarm.Coordinator@DFO-MPO.GC.CA
Ms.	Lillian	Yao	Observing Systems and Engineering, Meteorological Service of	Environment Canada	<u> </u>		1	1	(019) 000-1920	(416) 739-5721	Lillian.Yao@ec.gc.ca
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Mr.	Rob	Dobos	Manager, Environmental Assessment Section	Environment Canada Environmental Assessment Section	867 Lakeshore Road, P.O. Box 5050	Burlington	Ontario	L7R 4A6	905-336-4953	905-336-8901	rob.dobos@ec.gc.ca
Mr.	Sandro	Leonardelli	Senior Environmental Assessment Officer	Environment Canada Environmental Assessment Section	4905 Dufferin Street	Toronto	Ontario	M3H 5T4	(416) 739-5858	(416) 739-4797	
Mr.	Ed	DeBruyn	Area Director, Ontario Burlington Area Director's Office	Fisheries and Oceans Canada	867 Lakeshore Road	Burlington	Ontario	L7R 4A6	(905) 336-4764	(905) 336-6285	
Mr.	Don	Boswell	Senior Claims Analyst Aboriginal Affairs & Northern Development Canada Ontario Research Team	Indian and Northern Affairs Canada	10 Wellington Street, Room 1310	Gatineau	Quebec	K1A 0H4	(819) 953-1940	(819) 997-9873	boswelld@inac.gc.ca
Mr.	Sean	Darcy	Manager, Aboriginal Affairs & Northern Development Canada Assessment and Historical Research Directorate	Indian and Northern Affairs Canada	10 Wellington Street, 13th Floor	Gatineau	Quebec	K1A 0H4	(819) 997-8155	(819) 994-1366	sean.darcy@ainc-inac.gc.ca
Ms.	Linda	MacWilliams	Regional Manager	Indian and Northern Affairs Canada	25 St. Clair Avenue East, 8th Floor	Toronto	Ontario	M4T 1M2	(416) 973-6923	(416) 954-4328	linda.macwilliams@inac-ainc.gc.ca
	Leigh	Jessen	Lands and ART Lands and Trust Services Associate Regional Director General	Indian and Northern Affairs Canada, North	100 Anemki Drive, Suite 101	Thunder Bay	Ontario	P7J 1A5	(807) 624-1590	(807) 623-3536	
Sir/Madame	+		Aboriginal Affairs & Northern Development Canada Spectrum Management and Telecommunications	Industry Canada, Ontario Regional Office	151 Yonge Street, 4th Floor	Toronto	Ontario	M5C 2W7	(416) 973-5000	(416) 973-6272	spectrum-ontario-region@ic.gc.ca
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Title	First Name	Last Name	leb Title	Company Nama	Address Line 1	City	Dravinas	Postal Code	Dhone	Fav	Email
Title	rirst_Name	Last_Name	Job_Title	Company_Name Radio Communication Users, Department of National	Address_Line_1	City	Province	Postal_Code	(613) 992-3479	(613) 991-3961	lavoie.mj6@forces.gc.ca
				Defense					(013) 332 3473	(013) 331 3301	lavoic.mjo@torccs.gc.ca
Mrs.	Francine	Boucher	Manager, Radio Spectrum Management Section	Royal Canadian Mounted Police					(613) 998-7338	(613) 998-7528	Francine.boucher@rcmp-grc.gc.ca
WIIO.	Tanomo	Dodonor	Manager, readio opositam Manageriene oconori	Seismological Monitoring Arrays, Natural Resources					(613) 992-8766	(613) 992-8836	cormack@seismo.nrcan.gc.ca
				Seismological Monitoring Arrays, Natural Resources					(613) 995-5526	(613) 992-6931	ilyons@nrcan.gc.ca
				Canada					(0.0) 000 0020	(0.0) 002 0001	j.yono omoanigoloa
Ms.	Annette	Chen	Operations Support Assistant	Transport Canada, Aerodromes and Air Navigation	4901 Yonge Street	North York	Ontario	M2N 6A6	(416) 952-1623		
Mr.	Frank	Clifford	Civil Aviation Safety Inspector, Flight Operations	Transport Canada, Aerodromes and Air Navigation	4900 Yonge Street	North York	Ontario	M2N 6A5	(416) 952-0332		
Mr.	Michael	Stephenson	Regional Director General, Civil Aviation, Ontario	Transport Canada, Aerodromes and Air Navigation	4900 Yonge Street	North York	Ontario	M2N 6A5	(416) 952-2170	(416) 953-2174	
Mr.	Joseph	Szwalek	Acting Regional Director, Civil Aviation, Ontario	Transport Canada, Civil Aviation	4900 Yonge Street	North York	Ontario	M2N 6A5	(416) 952-0230		
				Vessel Traffic System Radars, Canadian Coast Guard					(613) 998-3519	(613) 993-3519	mojicajf@dfo-mpo.gc.ca
				Weather Radars, Environment Canada							weatherradars@ec.gc.ca
UTILITIES											
				Civilian ATC Radars, NAV Canada			1		(613) 248-7554	(613) 248-XXXX	FerrisD@navcanada.ca
Ms.	Louise	Knox	Director, Ontario Region	Canadian Environmental Assessment Agency	55 St. Clair Avenue East, Room 907	Toronto	Ontario	M4T 1M2	(416) 952-1575	(040) 040 4054	
IVIS.	Julie	Harris	Manager, Operational Policy	Canadian Environmental Assessment Agency	Place Bell Canada, 160 Elgin Street, 22nd Floor	r Ottawa	Ontario	K1A 0H3	(613) 960-0277	(613) 948-1354	julie.harris@ceaa-acee,gc,ca
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	David Arthur	Bitner	11812 Side Rd 18, RR 2	Wainfleet	Ontario	L0S 1V0	_	
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Ms.	Nicole Anne	Christopher	12550 Daley Ditch Rd	Wainfleet	Ontario	L0S 1V0		
Ms.	Ami Nadine	Chunick	31966 Clarendon St West	Wainfleet	Ontario	L0S 1V0		
Mr.	Mark Andrew	Cichocki	32438 Clarendon St, RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	Robert	Ciofli	40 Burmell Ave	Toronto	Ontario	M6S 4G5		
Ms.	Patricia Anna	Clarkson	7307 Frontier Ave	Niagara Falls	NY USA	14304-3211		
Ms.	Carole Ernestine	Cloutier	32041 Feeder Rd, RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	James	Cochrane	11561 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Shirley Ann	Collins	31959 Feeder Road West	Wainfleet	Ontario	L0S 1V0		
Ms.	Catherine Celia	Cornell	12227 Lakeshore Road West, RR 2	Port Colborne	Ontario	L3K 5V4		
Ms.	Laurie	Cossitt	11713 Side Rd 18, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	David Paul	Cowal	12125 Augustine Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Susan Marie	Cowal	12125 Augustine Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Robert Edward	Crane	PO Box 3606	Jupiter	FL USA	33469-1010		
Mr.	Dwight John Angus	Crawford	21992 Regional 3 Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Patricia Alice	Crossley	176 68th Street	New York	NY USA	14304-3914		
Mr.	James Patrick	Csanig	22630 Concession 1 Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Maureen Barbara	Currie	11831 Lakeshore Rd	Wainfleet	Ontario	L0S 1V0		
Mr.	Steven Joseph	Cvetkovic	32449 Feeder Rd, RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	George Joseph	Cvetkovic	31527 Dixie Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Valerie	Cywinski	4167 Treetop Cres	Mississauga	Ontario	L5L 2L7		
Mr.	Jack Alexander	Dafoe	11074 Neff Rd, RR 2, Stn Main	Port Colborne	Ontario	L3K 5V4		
Ms.	Mary	Danku	285 Lake St	St Catharines	Ontario	L2R 5Z7		
Mr.	Leon	Daroshefski	4847 Rogers Rd	Hamburg	NY USA	14075-3219		
Mr.	Stanley Ronald	Dashwood	32430 Feeder Rd, RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	Barrie Scott	Davies	41870 Clarendon St East	Wainfleet	Ontario	L0S 1V0		
Mr.	Wilfred Gordon Glenn	Davies	PO Box 67	Wainfleet	Ontario	L0S 1V0		
Ms.	Reta Kathleen	Dawdy	121104 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Jack Walter	Dawn	11072 Neff Rd, RR 2, Stn Main	Port Colborne	Ontario	L3K 5V4		
Mr.	Blake Nelson	Dayboll	42046 Highway 3	Wainfleet	Ontario	LOS 1V0		
Mr.	Kenneth Harvey	Dayboll	C/O 31969 Brown St, PO Box 28	Wainfleet	Ontario	L0S 1V0		

Title	First Name	Last Name	Address_Line_1	City	Province	Postal Code	Phone	Email
Mr.	George	Dayboll	22030 Concession 1 Rd, RR 2	Wainfleet	Ontario	L0S 1V0	i none	Eman
Mr.	Blake Nelson	Dayboll	42046 Highway 3	Wainfleet	Ontario	L0S 1V0		
Ms.	Shirley	De Luke	432 81st St	Niagara Falls	NY USA	14304		
Mr.	Frank	De Ruyte	11969 Station Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Clara Alice	Dean	42949 Wills Rd, RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	Michael Henry	Degagne	11582 Lakeshore Rd W, RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Gerald Johanes	Dehaan	1000 Effingham St, RR 5	Fenwick	Ontario	L0S 1C0		
Mr.	John Andre	Dekker	11387 Moore Rd, RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Carlo	Delazzari	762 Clare Ave	Welland	Ontario	L3C 3C1		
Mr.	Ventura Evan Reno	Della	11562 Lakeshore Rd W, RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Alfred	Deluke	432 81st St	Niagara Falls	NY USA	14304-3306		
Mr.	Jacob	Den Besten	73162 Concession 6 Rd, RR 1	Wellandport	Ontario	L0R 2J0		
Mr.	Gaston	Denis	117102 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Jeannine E	Deruiter	41833 Feeder Road East	Wainfleet	Ontario	L0S 1V0		
Mr.	George Henry	Deruiter	32009 Feeder Road West, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	George Joseph	Deruyte	41829 Feeder Road East	Wainfleet	Ontario	L0S 1V0		
Mr.	Frank	DeRuyte	11969 Station Road	Wainfleet	Ontario	L0S 1V0	(905) 899-3056	
Mr.	Daniel	Deschamps	11615 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0	,	
Ms.	Brandy Lynn	Desmarais	11581 Lakeshore Road	Wainfleet	Ontario	L0S 1V0		
Ms.	Brandy Lynn	Desmarais	11581 Lakeshore Road	Wainfleet	Ontario	L0S 1V0		
Mr.	Henry	Devries	62981 Concession 6 Rd, RR 1	Wellandport	Ontario	L0R 2J0		
Mr.	Domenico R	Di Maurizio	6461 Crawford St	Niagara Falls	Ontario	L2E 5Z3		
Mr.	Edward David	Dick	11611 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Daniel Andrew	Dickson	30997 Wilson Rd	Wainfleet	Ontario	L0S 1V0		
Mr.	Michael	Dillon	72 Bonello Cres	Whitby	Ontario	L1R 3N7		
Mr.	Briant Leslie	Dilts	32080 Side Rd 20, PO Box 25	Wainfleet	Ontario	L0S 1V0		
Mr.	Gordon	Dilts	11588 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Donald William	Dilts	21214 Dilts Rd, RR 2	Port Colborne	Ontario	L3K 5V4		
Ms.	Marion R	Dilts	11753 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Romeo	Dipietro	140 Classic Ave	Wainfleet	Ontario	L3B 1P7		
Ms.	Virginia Mary	Doan	847 Ridge Rd N, RR 2	Ridgeway	Ontario	L0S 1N0		
Ms.	Bernice	Donaldson	4717 22nd St	Niagara Falls	NY USA	14305		
Ms.	Audrey Hazel	Doran	11614 Lakeshore Rd	Wainfleet	Ontario	L0S 1V0		
Ms.	Audrey	Doran	11614 Lakeshore Road	Wainfleet	Ontario	L0S 1V0	(905) 899-4246	
Ms.	Holly	Doucette						hollyd_18@hotmail.com
Ms.	Philomena E	Doxbeck	61 Raintree Pky	Tonawanda	NY USA	14150		
Mr.	David Donald	Draper	24 Mabelle Ave Apt 2616	Etobicoke	Ontario	M9A 4X8		
Mr.	Richard Victor Keith	Draper	11997 Augustine Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Kirk Thomas	Dressel	21125 Dilts Rd, RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Mark	Drysdale	31180 Garringer Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Craig William	Dunk	PO Box 94	Wainfleet	Ontario	L0S 1V0		
Ms.	Laurel	Duquette	298 Waverly Rd	Toronto	Ontario	M4L 3T6		_
Ms.	Laurel	Duquette	298 Waverly Rd	Toronto	Ontario	M4L 3T6	(416) 693-6347	lsduquette@gmail.com
Ms.	Sharon Ann	Durant	11621 Elizabeth Cres, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Angelo	Durigan	11602 Elizabeth Cres, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Frank Joseph	Dyck	42032 Highway 3, RR 3	Wainfleet	Ontario	LOS 1V0		
Mr.	Frank Mitchell	Dyck	928 Foss Rd, RR 4	Fenwick	Ontario	LOS 1CO		
Mr.	Keith John Jacob	Earl	41941 Feeder Road East	Wainfleet	Ontario	LOS 1V0		
Mr.	Gary James	Ecker	11675 Belleview Beach Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	Kenneth Leslie W	Edwards	12165 Concession 1 Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Ms.	Sandra Elizabeth	Egger	505 Moote Rd, RR 1	Dunnville		N1A 2W1		
Mr.	Brandon Duke	Elliot	31961 Highway 3	Wainfleet	Ontario	LOS 1V0		
Ms.	Wendy Elizabeth	Elliott	12250 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Ross Duane	Emerson	42223 Highway 3, RR 3	Wainfleet	Ontario	L0S 1V0		

Title	First Name	Last Name	Address Line 1	City	Province	Postal Code	Phone	Email
Sir/Madame	i not_itanio	Erie Fur Farms Limited	21972 Regional 3 Rd, RR 2	Wainfleet	Ontario	LOS 1V0	1 110110	
Ms.	Carrie	Ethier	31953 Church St	Wainfleet	Ontario	LOS 1V0		
Mr.	Joe	Etling	11618 Burnaby Road	Wainfleet	Ontario	LOS 1V0	(905) 899-4765	
Mr.	J.	Etling	21648 Dixie Road	Wainfleet	Ontario	LOS 1V0	(905) 899-9996	
Mr.	Joseph Frederick	Etling	21117 Dilts Rd, RR 2	Port Colborne	Ontario	L3K 5V4	(000) 000 0000	
Mr.	James John Arthur	Etling	21648 Dixie Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	John Frederick	Etling	21117 Dilts Rd, RR 2	Port Colborne	Ontario	L3K 5V4		
Ms.	Janet Lynn	Evans	5 Crown Cres	Bradford	Ontario	L3Z 2M7		
Mr.	Kevin Alex	Falusi	12163 Brawn Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	Dennis James	Fast	31958 Highway 3	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		Federation Of Ontario Naturalists	366 Adelaide Street West, Suite 201	Toronto	Ontario	MV5 1R9		
Ms.	Tracy Gloria	Feduck	31958 Clarendon St, RR 1	Wainfleet	Ontario	L0S 1V0		
Ms.	Hiltje	Fennema	971 Canboro Rd	Fenwick	Ontario	L0S 1C0		
Mr.	Hendrick	Fennema	971 Canboro Rd, RR 1	Fenwick	Ontario	L0S 1C0		
Mr.	Michael G.	Fenton	41995 Highway 3	Wainfleet	Ontario	L0S 1V0		newclearsports@hotmail.com
Mr.	Bruce	Ferko	PO Box 55126	Dallas	TX USA	75355		
Mr.	Bruce	Ferko	9200 Park Blvd., Apt. 105	Seminole	FL USA	33777		
Mr.	Brad	Ferko	9200 Park Blvd., Apt. 105	Seminole	FL USA	33777		
Mr.	Michael Alan	Ferri	31329 Malowany Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Ms.	Carman	Ferri	50650 Farr Rd, RR 3	Wainfleet	Ontario	LOS 1V0		
Mr.	Larry James	Fisher	15156 Walnut Hill Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	Charles	Fitzpatrick						charlesfitzpatrick314@msn.com
Mr.	William Douglas	Fletcher	22555 Daley Ditch Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Hugh William	Flintoft	31962 Highway 3	Wainfleet	Ontario	LOS 1V0		
Mr.	Matthew	Forrest	62 Eaglecrest Dr	Hamburg	NY USA	14075		
Mr.	Ricky Francis	Fortin	11562 Highway 3	Wainfleet	Ontario	LOS 1V0		
Ms.	Christine Hill	Fournier	11760 Lakeshore Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	Matvei	Fradin						matveif@hotmail.com
Sir/Madame		Frank Jurek Lumber Corp	9170 Transit Road	East Amherst	NY USA	14051		
Mr.	Jeffery Ross	Fraser	11825 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Lonny Richard	Freeman	12039 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Richard Albert	Freeman	11658 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Rex	Freitag	31927 Highway 3	Wainfleet	Ontario	L0S 1V0		
Mr.	James Graham	Friel	31875 Highway 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Timothy Stephen	Fulbrook	31957 Church St	Wainfleet	Ontario	L0S 1V0		
Mr.	John	Fulbrook	31973 Church St	Wainfleet	Ontario	L0S 1V0		
Mr.	Franklin David	Fulop	PO Box 756 Stn Main	Welland	Ontario	L3B 5R5		
Ms.	Darlene Anne	Furry	12268 Brawn Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		Gable Point Contracting Limited, C/O Paul Breds	250 Lesmill Rd	North York	Ontario	M3B 2T5		
Mr.	Michael Dennis	Gabryelski	21834 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Thomas H	Game	12039 Augustine Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Gregory	Garner	11569 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Lloyd Howard	Garringer	31774 Garringer Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Adrian	Gelok	11609 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	David	Genders	31480 Side Rd 14, RR 3	Wainfleet	Ontario	L0S 1V0		
Ms.	Carol	Gettings	90 Ponderosa Dr	Buffalo	NY USA	14221-2410		
Mr.	Randy Kenneth	Gibb	31341 Side Rd 14, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr. & Ms.	Dale & Mary Lou	Gibson	12044 Lakeshore Road	Wainfleet	Ontario	L0S 1V0		dmlgibson@iaw.on.ca
Mr.	Ronald Angus	Gibson	11576 Lakeshore Rd W, RR 2	Port Colborne	Ontario	L3K 5V4		3
Mr.	Joseph Henry	Gibson	11589 Lakeshore Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
	Dale Melvin	Gibson	12044 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
HVII.						,	t contract to the contract to	
Mr. Ms.	Sandra Jean	Gibson	11589 Lakeshore Rd, RR 1	Wainfleet	Ontario	L0S 1V0		

Title	First Name	Last Name	Address_Line_1	City	Province	Postal Code	Phone	Email
	Randal Dean	Gifford	11663 Belleview Beach Rd, RR 2	Wainfleet	Ontario	L0S 1V0	1 HOHC	Linaii
	Nancy	Giles	11155 Lakeshore Road West, RR 2	Port Colborne			(905) 832-2370	nancygiles2@yahoo.ca
	114		Three Earleshers Read West, Rive		- Mario	2011 0 1	(000) 002 2010	manoy gilooz e yanioonoa
Mr.	Todd Hilary	Gillow	PO Box 112	Wainfleet	Ontario	L0S 1V0		
	Serge	Gingras						serge@sergegingras.com
	Gilles	Girard	11175 Golf Course Rd, RR 2	Port Colborne	Ontario	L3K 5V4		3.5 5 5 5 5
	Claude Edward	Gobeil	22434 Concession 1 Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
	Roger	Gobeil	22770 Concession 1 Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
	Hugh Douglas	Goodwillie	3 Widdicombe Hill	Etobicoke		M9R 1A9		
	Samuel	Gouws						jumpersam@gmail.com
Mr.	Kelly Evan	Grabell	22373 Abbey Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
	George Roy	Grabell	12024 Station Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
	Samuel Roy	Grabell	12026 Station Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Sir/Madame	·	Grabell Cemetery, Attn: B Heil	31940 Highway 3, PO Box 38	Wainfleet	Ontario	L0S 1V0		
Ms.	Yvonne	Gradson	21178 Highway 3, RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	James E	Gray	4160 Wilson-Cambria Rd	Ransomville	NY USA	14131		
Mr.	Ian Scott	Gray	3033 Townline Rd Unit 122	Stevensville	Ontario	L0S 1S0		
Ms.	Margaret Alice	Green	31960 Clarendon St West	Wainfleet	Ontario	L0S 1V0		
Mr.	Kenneth Harold	Green	41735 Mill Race Rd, RR 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Donald Bruce	Green	41772 Clarendon Street East	Wainfleet	Ontario	L0S 1V0		
Mr.	Leonard Robert	Greenaway	11563 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Rene	Grene	2371 Poplar Cres	Mississauga	Ontario	L5J 4H2		
Mr.	Robert Allan	Grimwood	5 Lower Canada Dr, RR 3	Niagara On The Lake	Ontario	L0S 1J0		
Mr.	Andrew David	Groszeibl	42717 Gilmore Rd, RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	David Joseph	Groszeibl	42717 Gilmore Rd, RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	Benjamin James	Groulx	12137 Augustine Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Michel	Gruszewski	5379 Mapleton Rd	Lockport	NY USA	14094-9294		
Mr.	Filodoro	Guglielmi	520 Sutherland Ave	Welland	Ontario	L3B 5A3		
Ms.	Linda Alida	Haennel	46 Collier Rd S	Thorold	Ontario	L2V 3T1		
Mr.	Robert Peter	Hales	11607 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Harvey James	Hall	11640 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	John	Hamm	174 Madeline Rue	Buffalo	NY USA	14221		
Mr.	John William	Hanemaayer	31872 Highway 3, GD	Wainfleet	Ontario	L0S 1V0		
Mr.	Frederick Gordon	Hannis	21658 Dixie Rd, RR 2	Wainfleet		L0S 1V0		
Mr.	Paul Andrew	Hansen	39 York Rd	Niagara Falls	NY USA	14304-3728		
Ms.	Barbara Grace	Hansen	PO Box 128	Wainfleet	Ontario	L0S 1V0		
Mr.	Leonard	Hanson	12245 Concession 1 Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Len	Hanson	12245 Concession 1, RR 2	Wainfleet			(905) 899-0634	
	Alexander	Hanuska	22214 Concession 1 Rd, RR 2	Wainfleet		L0S 1V0		
	Sandra	Harper	32775 Feeder Rd, RR 1	Wainfleet		L0S 1V0		
	Donald William	Harris	41705 Mill Race Road	Wainfleet		L0S 1V0		
	Mary Anglyn	Harry	32082 Side Rd 20, GD	Wainfleet		L0S 1V0		
	Rose	Hart	261 Appleby Road	Ancaster		L9G 2V6		
	Brian Trent	Harvey	48 Mccormick St	Welland		L3C 4L9		
	Ann Elizabeth	Hastee	83 Sannita Dr	Rochester	NY USA	14626-3611		
	Wayne Kirby	Hawkins	21541 Dixie Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
	Robert Keith	Haymes	23 Third Ave	Port Colborne	Ontario	L3K 5P2		
	Rosemary	Hayward	11705 Side Rd 18, RR 2	Wainfleet	-	LOS 1V0		
	Rosemary	Hayward	117106 Lakeshore Rd	Wainfleet	Ontario	LOS 1V0		
	Michelle Aileen	Henderson	31954 Napoleon St	Wainfleet		LOS 1V0		
	Curtis John	Henderson	12018 Lakeshore Rd	Wainfleet	<b>-</b>	L0S 1V0		
Mr.	Leslie Neil	Henry	11573 Lakeshore Rd W	Port Colborne	<b>-</b>	L3K 5V4		
	Rudy	Herrera	11621 Highway 3	Wainfleet	Ontario	L0S 1V0		
Ms.	Mary Louise	Hickey	12226 Hickey Rd	Wainfleet	Ontario	L0S 1V0		

Title	First Name	Last Name	Address_Line_1	City	Province	Postal Code	Phone	Email
Mr.	Kenneth	Hill	PO Box 135	Wainfleet	Ontario	L0S 1V0	1 110110	
Mr.	Trevor	Hill	11539 Burnaby Rd	Wainfleet	Ontario	L0S 1V0		
Mr.	Donald Alan	Hines	22641 Gibson Rd	Wainfleet	Ontario	LOS 1V0		
Ms.	Joanne Ellen	Hinks	54 Parker St	St Catharines	Ontario	L2S 1C8		
Mr.	Frank Teunis	Hintenberger	12158 Gallinger Rd	Wainfleet	Ontario	LOS 1V0		
Mr.	Kenneth Joseph	Hintenberger	11560 Hill Ave	Wainfleet	Ontario	L0S 1V0		
Mr.	Darren Gerald	Hoekstra	21909 Side Rd 20	Wainfleet	Ontario	L0S 1V0		
Mr.	Matthew	Holinaty	21935 Sideroad 20	Wainfleet	Ontario	L0S 1V0		
Mr.	Blair Alexander	Holland	11755 Highway 3	Wainfleet		L0S 1V0		
Mr.	Robert F	Holway	120 Sharon Dr	Tonawanda		14150-5134		
Mr.	William Raymond	Honsberger	11981 Lakeshore Rd	Wainfleet	Ontario	L0S 1V0		
Mr.	Howard William P	Hoover	12006 Lakeshore Rd	Wainfleet	Ontario	L0S 1V0		
Ms.	Helen	Hoskin	P.O. Box 56	Wainfleet	Ontario	L0S 1V0	(905) 899-1803	hhoskin@hotmail.com
Ms.	Helen Marie	Hoskin	12154 Gallinger Rd	Wainfleet	Ontario	L0S 1V0	,	
Mr.	Robert Yvan	Houle	32654 Feeder Rd	Wainfleet	Ontario	L0S 1V0		
Mr.	Jody Darryl	Hughes	21109 Dilts Rd	Port Colborne	Ontario	L3K 5V4		
Mrs.	Margaret	Huizinga	41449 Forks Road	Wainfleet	Ontario	L0S 1V0	(905) 899-1071	mhhuizinga@gmail.com
Sir/Madame	·	Huiztein Farms Inc	41449 Forks Rd	Wainfleet	Ontario	L0S 1V0	•	
Mr.	Gary	Hull						ghull@rim.com
Mr.	Henry	Hwang	7 Wellbrook Blvd	Welland	Ontario	L3C 5T3		
Mr.	Morgan Keith	Hyatt	11824 Sideroad 18	Wainfleet	Ontario	L0S 1V0		
Mr.	Peter Richard	Hymmen	12005 Augustine Rd	Wainfleet	Ontario	L0S 1V0		
Ms.	Sandra	Hymmen	12005 Augustine Rd	Wainfleet	Ontario	L0S 1V0		
Mr.	Salvatore	lanni	8030 Oakridge Dr	Niagara Falls	Ontario	L2H 2W1		
Mr.	Angelo	Interisano	31882 Highway 3	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		Investican Properties Inc	320 North Park St Unit 3	Brantford	Ontario	N3R 4L3		
Mr.	Urs	Itten	31729 Highway 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Anthony	Ivancic	459 Zimmerman Blvd	Buffalo	NY USA	14223-1115		
Mr.	Stephen	Jaeggi	11685 Burnaby Rd	Wainfleet	Ontario	L0S 1V0		
Mr.	Scott	Jaques	11294 Golf Course Rd	Port Colborne	Ontario	L3K 5V4		
Mr.	Joseph Frank	Jasek	31954 Clarendon St West	Wainfleet	Ontario	L0S 1V0		
Ms.	Dragana	Jevtovic	806-25 Warrender Avenue	Toronto			(647) 274-5867	altitude13500@yahoo.com
Mr.	Thomas Robert	Johnson	12019 Lakeshore Rd W	Wainfleet	Ontario	L0S 1V0		
Mr.	Yvan Emile	Joly	11619 Highway 3	Wainfleet	Ontario	L0S 1V0		
	Donald Benjamin	Jones	3894 Elm St N	Welland		L3B 3P3		
	Stanley & Margret	Jones	13078 Side Road 30, Rr #2	Wainfleet	_		(905) 899-3891	
Ms.	Afra	Jong	31862 Highway 3	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		Jsr Farms Ltd	259 Ridge Rd E	Grimsby		L3M 4E7		
	William John	Kadwell	11605 Burnaby Rd	Wainfleet		LOS 1V0		
Ms.	Mary Katherine	Kalagian	11837 Lakeshore Rd	Wainfleet		L0S 1V0		
Mr.	Emanuel	Karatopis	5233 Highway 20	St Anns		L0R 1Y0		
Ms.	Kimberley Lynn	Katch	11641 Highway 3	Wainfleet		L0S 1V0		-
Mr.	Ralph	Katrynuk	32626 Feeder Rd	Wainfleet		L0S 1V0		
Sir/Madame	Havald Jahr	Kaymar Beach Ltd	41 Ferndale Ave	Buffalo		14217-1003		
Mr.	Harold John	Kelly	31957 Hwy 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Corey John	Kemp	11517 Burnaby Rd	Wainfleet	Ontario	L0S 1V0		
Mr.	Feroz Ahmed	Khan	31910 Highway 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Roland Even Coorgo	Kingma	11284 Golf Course Rd	Port Colborne	_	L3K 5V4		
Mr.	Evan George	Kitchen	22623 Abbey Rd	Wainfleet		L0S 1V0		
Mr.	Friedrich Karl	Klenk	11553 Highway 3	Wainfleet		L0S 1V0		
Mr.	Richard	Knoche	6 Maple St	Tonawanda Buffalo		14150-4011 14217-2633		
Ms.	Linda Jean	Knoll	197 Mang Ave	Wainfleet	_			
Mr.	Brian Arthur John	Koiter	11613 Highway 3			LOS 1VO		
Mr.	Adrian	Kolff	RR 2	Wiarton	Ontario	N0H 2T0		

Title	First Name	Last Name	Address_Line_1	City	Province	Postal Code	Phone	Email
Mr.	Robert Paul	Kopinak	11541 Burnaby Rd	Wainfleet	Ontario	L0S 1V0		
Ms.	Julia	Kossowski, Project Manager, Stantec	49 Fredrick Street	Kitchener	Ontario		(519) 569-4338	julia.kossowski@stantec.com
Mr.	Wayne Allan	Kozar	11274 Golf Course Rd	Port Colborne	Ontario	L3K 5V4	(	
Mr.	Frank	Kozelj	11660 Belleview Beach Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Ron	Kramer	10842 Rathfon Road, RR 2	Port Colborne	Ontario	L3K 5V4	(905) 834-4341	ron@rkramer.ca
Ms.	Dawn Marie	Krueger	23025 Feeder Rd	Wainfleet	Ontario	L0S 1V0	(	
Mr.	Kevin	Krueger, C/O Karl Krueger	5939 Hyde Park Blvd	Niagara Falls	NY USA	14305		
Ms.	Bernice	Kuca	149 West Main St	Welland	Ontario	L3C 5A3		
Mr.	Joseph	Kucman	11578 Highway 3	Wainfleet	Ontario	L0S 1V0		
Ms.	Beata Barbara	Kus	11809 Side Road 18	Wainfleet	Ontario	L0S 1V0		
Mr.	Alexander Richard	Kwaak	11558 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Mary	Kyrou	4990 Maxine Pl	Mississauga	Ontario	L4Z 4H9		
Mr.	Claude Lucien	Lacroix	11 Hillview Cres, RR 1	Midhurst	Ontario	L0L 1X0		
Ms.	Tara	Ladd			- Cittaile			td_ladd@hotmail.com
Mr.	Tom	Lafortune	32608 Daley Ditch Rd, RR 2	Wainfleet	Ontario	L0S 1V0		ta_taa on on namoon
Sir/Madame	1	Lakefront Produce Ltd	1586 Firelane 2	Port Colborne	Ontario	L3K 5V3		
Sir/Madame	<del> </del>	Lakewood Beach Properties Lt	125 Carlton St, PO Box 29069	St Catharines	Ontario	L2R 7P9		
Mr.	John Frederick	Lamont	12 Xavier Crt	St Catharines	Ontario	L2N 7T4		
Mr.	Jorgen Erik	Larsen	11578 Highway 3, RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	Gerald Bruce	Lawrence	11758 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Freddy	Leeuwenburg	31806 Marshville Drive	Wainfleet	Ontario	L0S 1V0		
Mr.	Jasper Isaac	Leeuwenburg	21113 Dilts Rd, RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Roland Bennett	Leies	827 Pine St N	Dunnville	Ontario	N1A 2M6		
Mr.	Paul D	Leon	PO Box 366 Stn Main	Welland	Ontario	L3B 5P7		
Mr.	Manfred	Lepp	32965 Feeder Rd, RR 1	Wainfleet	Ontario	LOS 1V0		
Ms.	Amy Lynn Marie	Lepp	11691 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Katharina	Lepp	22989 Burkett Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Ralph E	Leppert	11576 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Peggy Ann	Leslie	11571 Lakeshore Rd W, RR 2	Port Colborne	Ontario	L3K 5V4		
Ms.	Betty Joyce	Leslie	2767 Northshore Dr, RR 1	Lowbanks	Ontario	N0A 1K0		
Mr.	Bryan William	Lewis	11598 Lakeshore Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	James Albert	Liegl	PO Box 400	Boston	NY USA	14025-0400		
Ms.	Lillian June	Lindhurst	86 Wheeler St	Tonawanda	NY USA	14150-1928		
Mr.	Michael Anthony	Lococo	12033 Augustine Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	Rill	Loeffen		Wainfleet			(005) 900 3067	
Mr.	Harold	Loeffen	C/O 42569 Highway 3 42431 Highway 3	Wainfleet	Ontario Ontario	L0S 1V0 L0S 1V0	(905) 899-2067 (905) 899-2578	
Mr.	Harry	Loeffen	42441 Highway 3	Wainfleet	Ontario	L0S 1V0	(905) 899-2378	
Mr.	John	Loeffen	42569 Highway 3	Wainfleet	Ontario	L0S 1V0	(905) 899-3713	
Mr.	William Henricus	Loeffen	R.R. 3	Wainfleet	Ontario	L0S 1V0	(900) 699-37 13	
				Wainfleet	Ontario	L0S 1V0	(005) 900 3067	
Mr. & Ms.	Harold & Betty	Loeffen	42569 Highway 3	Wainfleet	Ontario	L0S 1V0	(905) 899-2067	
Mr.	John Nichlaas	Loeffen Loeffen	21972 Regional 3 Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Harry J Harry Martin		42441 Highway 3, RR 3		_			
Mr.	, ,	Loeffen	12963 Burkett Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Richard Michael	Loeffen Loeffen Farms Ltd, C/O William Loeffen	31961 Church St	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		,	1933 House Rd, RR 1	Stevensville	Ontario	L0S 1S0		
Sir/Madame	Manual	Long Beach Resort Ltd	12265 Lakeshore Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	Manuel Debra Claire	Lopez	3288 Anderson Court	Missisauga	Ontario	L5N 2Y3		manuel.lopes@rogers.com
Ms.	Debra Elaine	Lord	11829 Regional 3 Rd	Wainfleet	Ontario	L0S 1V0		
Mr.	Ferbet	Lucian	220 Meadowbrook Pky	Buffalo	NY USA	14206		
Mr.	Christopher John	Lucy	41698 Dixie Rd, RR 3	Wainfleet	Ontario	LOS 1VO		
Sir/Madame	District IX-91	Mabo West Side Construction	137 Chantler Rd, RR 5	Welland	Ontario	L3B 5N8		
Mr.	Richard Keith	Maccabe	11561 Burnaby Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Ms.	Brenda Elizabeth	MacDonald	100 Acadia Dr	Welland	Ontario	L3C 6L6		
Mr.	David Stephen	Mackay	22533 Side Rd 26, RR 2	Wainfleet	Ontario	L0S 1V0		

Title	First Name	Last Name	Address Line 1	City	Province	Postal Code	Phone	Email
Mr.	Stuart	Macleod	31830 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0	1 110110	
Ms.	Dolores J	Mahoney	9575 Centre St	Glenwood	NY USA	14069		
Mr.	Evan Paul	Main	31868 Highway 3, RR 1	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		Maldean Holsteins Ltd	42223 Highway 3, RR 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Krassimire	Maletchkov	22438 Concession 1 Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	John Albert	Malowany	31478 Malowany Rd, RR 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Anthony John	Malowany	31492 Malowany Rd, RR 3	Wainfleet	Ontario	L0S 1V0		
Sir/Madame	,	Management Board Secretariat, C/O	1 Dundas St W Suite 2000	Toronto	Ontario	M5G 2L5		
		ORC Property Tax Dept						
Mr.	Brian Oliver	Mann	11608 Burnaby Rd	Wainfleet	Ontario	L0S 1V0		
Ms.	Terry Lynn	Mann	32070 Side Road 20	Wainfleet	Ontario	L0S 1V0		
Ms.	Terry Lynn	Mann	32070 Side Road 20	Wainfleet	Ontario	L0S 1V0		
Mr.	Thomas	Marko	11645 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Steven George	Marlatt	12286 Brawn Rd	Wainfleet	Ontario	L0S 1V0		
Mr.	James Edward	Marr	41715 Mill Race Rd, PO Box 134	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		Marshville Chocolates Inc	41950 Clarendon St East	Wainfleet	Ontario	L0S 1V0		
Mr.	David Lawrence	Marsland	12028 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Kenneth Donald	Martin	31939 Highway 3	Wainfleet	Ontario	L0S 1V0		
Mr.	David	Masotti	32068 Side Road 20	Wainfleet	Ontario	L0S 1V0		
Mr.	David	Masotti	32068 Side Road 20	Wainfleet	Ontario	L0S 1V0		
Mr.	Brian Merle	Mater	41943 Feeder Road East	Wainfleet	Ontario	L0S 1V0		
Ms.	Jean Helen	Matthews	11567 Lakeshore Rd W, RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Chad Jeremy	Mattie	11684 Belleview Beach Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Pierre Benoit	Maurice	11790 Montrose Rd	Welland	Ontario	L3B 5N4		
Mr.	Terrance Lee	Maxner	11985 Augustine Road East, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Jenn	Maynard		Burlington	Ontario			jennmaynard1@gmail.com
Mr.	Josef Theodor	Mayr	33652 Sider Rd, RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	Manuel	Mayr	32761 Feeder Rd, RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	Albert Wayne	McCaffery	PO Box 202 Stn Main	Port Colborne	Ontario	L3K 6V8		
Mr.	Daniel Maurice	McCormick	10889 Sandpit Rd	Alexander	NY USA	14005-9751		
Mr.	Timothy William	Mccormick	12284 Brawn Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	James S	McDonald	104 Delton St	Tonawanda	NY USA	14150-5364		
Mr.	Michael	McGee	89 Lexington Ave	Buffalo	NY USA	14222-1809		
Ms.	Christine D	McIvor	21438 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Helen	McKay	873 Lakeshore Rd E, RR 1	Port Colborne	Ontario	L3K 5V3		
Ms.	Barbara	McKnight	41711 Mill Race Road	Wainfleet	Ontario	L0S 1V0		
Ms.	Jennifer	McKnight	12569 Concession 1 Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Michael William	Mcmahon	31962 Clarendon Street West, RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	Peter James	Medvic	21988 Regional 3 Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	John	Medvic	21567 Dixie Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	Roland William	Meisel	190 Elgin St	Port Colborne	Ontario	L3K 3K3	(00=) 00= 00=	
Mr.	Ronald	Meisel	190 Elgin Street	Port Colborne	Ontario	L3K 3K3	(905) 835-2291	rollym@vaxxine.com
Mr.	Craig Peter	Melowsky	11610 Burnaby Rd	Wainfleet	Ontario	L0S 1V0		
Mr.	Pierre Gilles	Mercier	11556 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	David	Metler	11960 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Raymond Charles	Micheau	21806 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	John Peter	Migliaccio	12359 Lakeshore Road	Wainfleet	Ontario	L0S 1V0		
Mr.	Donald Joseph	Mikulec	673 Woodland Dr	Buffalo	NY USA	14223-1825		<u> </u>
Mr.	Todd Jeffrey	Minor	PO Box 8	Wainfleet	Ontario	L0S 1V0		
Mr.	Elwood Laverne	Minor	RR 1	Lowbanks	Ontario	N0A 1K0		
Mr.	Marco	Miranda	32573 Feeder Rd, RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	David	Misdorp	12010 Station Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Mr.	Jasmina Shawa Mishaal	Madenovic	32078 Side Rd 20, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Shawn Michael	Mollison	11776 Highway 3	Wainfleet	Ontario	L0S 1V0		

Title	First Name	Last Name	Address_Line_1	City	Province	Postal Code	Phone	Email
	Normand	Monfette	11572 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0	i none	Linaii
	Christopher Todd	Montgomery	32094 Side Rd 20	Wainfleet	Ontario	L0S 1V0		
	Dwayne August	Moormann	31810 Abbey Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Joseph A	Moormann	21892 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
	August Alova	Moormann	31802 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
	Joseph Iserell	Moormann	31782 Garringer Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
	Joan Lucia	Morabito	3 Springhead Gdns	Welland	Ontario	L3C 5A7		
	Michael	Morelli	157 Sunrise Dr	Hamilton	Ontario	L8K 4C7		
	Raymond Joseph	Morrissey	22345 Side Rd 24, RR 2	Wainfleet	Ontario	L0S 1V0		
	Robert Morris	Moskalyk	11680 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
	Peter	Mozel	52 Eastdale Cres	Welland	Ontario	L3B 1E8		
	Mary	Muileboom	11638 Highway 3	Wainfleet	Ontario	L0S 1V0		
	Nadine Rutham	Muileboom	11632 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
	Jay Andrew	Mynlieff	32821 Feeder Rd, RR 1	Wainfleet	Ontario	L0S 1V0		
	Andreas Johannes	Mynlieff	32829 Feeder Rd, RR 1	Wainfleet	Ontario	L0S 1V0		
	Noel Narcisse	Nadeau	23066 Burkett Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
	Attila	Nagy	11989 Augustine Road East, RR 2	Wainfleet	Ontario	L0S 1V0		
	James William	Neville	11715 Side Rd 18, RR 2	Wainfleet	Ontario	L0S 1V0		
	Cherlyn Cornelia	Newhouse	32072 Side Road 20	Wainfleet	Ontario	L0S 1V0		
	Cherlyn Cornelia	Newhouse	32072 Side Road 20	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		Niagara Credit Union Limited	75 Corporate Park Dr	St Catharines	Ontario	L2S 3W2		
	Raymond	Nieuwold	31953 Napoleon St	Wainfleet	Ontario	L0S 1V0		
Ms.	Laurie Anne	Nisbett	11537 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
	Alvin	Norman	31956 Highway 3	Wainfleet	Ontario	L0S 1V0		
	Gail	Norman	31826 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
	Guistino G	Nuccitelli	31811 Marshville Drive	Wainfleet	Ontario	L0S 1V0		
Ms.	Kimberly Ann	Obdeyn	137 Chantler Rd, RR 5	Welland	Ontario	L3B 5N8		
Mr.	Robert T	O'Neill	138 Oakland Pl	Buffalo	NY USA	14222-2030		
Mr.	Michael Andrew	Oord	41937 Feeder Road East	Wainfleet	Ontario	L0S 1V0		
Mr.	Scott Alexander	Orosz	41449 Feeder Road	Wainfleet	Ontario	L0S 1V0		
Mr.	Gregory	O'rourke	11723 Sideroad 18, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Mark Nicholas	Ostryhon	11616 Elizabeth Cres, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Dean Joseph Francis	Ostryhon	11612 Elizabeth Cres, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Doris Ellen	Ostryhon	11629 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Clifford Frederick	Oudman	22221 Abbey Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr. & Ms.	William & Lois	Outred	11632 Burnaby Road	Wainfleet	Ontario		(905) 899-2439	
Ms.	Lorna Marie	Ovenden	32373 Feeder Rd, PO Box 123	Wainfleet	Ontario	L0S 1V0		
Mr.	Robert Osborne	Owen	41944 Clarendon St East	Wainfleet	Ontario	L0S 1V0		
Ms.	Anne Helen	Pacsuta	11833 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Lynzie	Panetta	41438 Overholt Rd	Wainfleet	Ontario	L0S 1V0		
	David Albert	Park	11671 Belleview Beach Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Victor	Parker	309 Utica St	Tonawanda	NY USA	14150-5433		
	Alfred Jack	Parker	11551 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
	Roderick James	Parkins	31965 Feeder Road West	Wainfleet	Ontario	L0S 1V0		
	Peter William	Parry	755 Cherry Hill Blvd, RR 1	Ridgeway	Ontario	L0S 1N0		
	Glenn James	Parsons	41840 Clarendon Street East, GD	Wainfleet	Ontario	L0S 1V0		
	John	Parsons	11754 Summerland Ave, RR 2	Wainfleet	Ontario	L0S 1V0		
	Thomas	Paschert	32035 Bell Rd, RR 1	Wainfleet	Ontario	L0S 1V0		
	Andrew Emil	Pataran	31554 Garringer Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
	Paul Michael	Pataran	31552 Garringer Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
	Karen Ellen	Pattison	21185 Garringer Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
	Mark William	Patus	25 Sayles Ave	Welland	Ontario	L3C 5Y8		
	Alison	Pen				ļ		aliass1@mac.com
Mr.	James Francis	Penberthy	268 Adam St	Tonawanda	NY USA	14150-2038		

Title	First Name	Last Name	Address_Line_1	City	Province	Postal Code	Phono	Email
Mr.	Vito Joseph	Pendola	11646 Highway 3, RR 2	Wainfleet	Ontario	LOS 1V0	Filone	Elliali
Mr.	Robert	Perreault	19 Chantal Crt	Welland	Ontario	L3B 5V3		
Ms.	Lana	Pesch	19 Charlai Cit	Toronto	Ontano		(416) 294-9180	lanastar@rogers.com
Mr.		Pickelman	12256 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0	(410) 294-9100	lanastar@rogers.com
Mr.	Hans Jurgen	Pierce	, ,	Wainfleet	Ontario	L0S 1V0		
	Joseph Frederick	Pietak	11636 Highway 3, RR 2		NY USA	14305-1512		
Mr.	Dennis		3932 Washington St 11608 Elizabeth Cres, RR 2	Niagara Falls				
Mr.	Jason Adam	Pigeon	,	Wainfleet	Ontario	L0S 1V0 L0S 1V0		
Mr.	David Lionel	Pilon	12010 Augustine Rd, RR 2	Wainfleet	Ontario			
Mr.	Ronald	Pilozzi	82 Clinton St	Tonawanda	NY USA	14150-2033		
Mr.	John D	Pirson	11566 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Keith Albert	Pirson	11568 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Mikel Joseph	Pitt	11531 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Jeanette L	Placek	2781 Livingston Ave	Buffalo	NY USA	14213		
Mr.	Arthur Jacob	Plug	48 Flannery Lane	Thorold	Ontario	L2V 4V8		
Sir/Madame		Pol-Bee Investments Ltd, C/O Paul Breds	250 Lesmill Rd	North York	Ontario	M3B 2T5		
Mr.	Simon	Pols	31915 Highway 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Andrew	Pols	31818 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Lazlo	Polyak	55 Brookdale Drive	Ancaster	Ontario	L9G 2Y4	(905) 304-2104	I.polyak@cogeco.ca
Ms.	Georgia Sue	Pomper	21105 Dilts Rd, RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Andrew	Postma	12080 Station Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	William	Poulak	31907 Highway 3	Wainfleet	Ontario	L0S 1V0		
Mr.	George William	Powell	32841 Feeder Rd, RR 1	Wainfleet	Ontario	L0S 1V0		
Mr.	Terrence Sergio	Pracchia	11810 Side Rd 18	Wainfleet	Ontario	L0S 1V0		
Mr.	James Lorne	Price	12274 Brawn Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Ryan Howard	Radobenko	39 Westwood Cres	Welland	Ontario	L3C 4R2		
Ms.	Michelle Lee	Ramsay	21442 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Timothy David	Rank	56 Colonial Dr	Tonawanda	NY USA	14150-5254		
Mr. & Ms.	Finn & Lene	Rasmussen	11770 Lakeshore Road	Wainfleet	Ontario		(905) 899-4072	finn@rasmussen-on.ca
Mr.	John	Rauscher	127 Melissa Cres	Welland	Ontario	L3C 6M5	,	
Mr.	Reginald	Raymond	12082 Station Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Daniel William	Reaman	22353 Abbey Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	James Kenneth	Reesor	259 Ridge Rd E, RR 1	Grimsby	Ontario	L3M 4E7		
Mr.	James William	Reid	21812 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Jeffrey Stephen	Remington	12007 Lakeshore Rd W, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Deborah Esther Stella	Repar	200 West Side Rd	Port Colborne	Ontario	L3K 5K7		
Mr.	Russell Keith	Richard	12195 Lakeshore Rd	Wainfleet	Ontario	L0S 1V0		
Mr.	Kenneth Norman	Ricker	12163 Augustine Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Marshall	Ricker	3370 Highway 3, RR 1	Jarvis	Ontario	NOA 1J0		
Mr.	Kenneth Norman	Ricker	11 Karen Crt, SS 4	Fonthill	Ontario	L0S 1E4		
Mr.	Arnold Alfred	Robins	21814 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Patrick Joseph	Robson	12822 Minor Rd, RR 28	Wainfleet	Ontario	L0S 1V0		
Mr.	Ronald Ray	Rodgers	41709 Mill Race Road	Wainfleet	Ontario	L0S 1V0		
Ms.	Constance Darlene	Rodgers	117221 Side Rd 18, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Richard	Rodrigue	11682 Belleview Beach Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Wayne Robert	Rogers	11688 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Darlene Anne	Rogers	11773 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Sir/Madame		Rogers Cantel Inc., Property	1 Mount Pleasant Rd	Toronto	Ontario	M4Y 2Y5		
5		Management Dept	The state of the s					
Sir/Madame		Roman Catholic Episcopal Cor	PO Box 117	Wainfleet	Ontario	L0S 1V0		<del> </del>
Mr.	David Bruce	Rose	11681 Burnaby Rd	Wainfleet	Ontario	L0S 1V0		
Mr.	Dwayne	Roseborough	11679 Belleview Beach Rd, RR 2	Wainfleet	Ontario	L0S 1V0		<del> </del>
Ms.	Stephanie Ann	Rosiana, C/O Richard Rosiana	5257 Ottawa Ave	Niagara Falls	Ontario	L2E 4Y9		<del>                                     </del>
Mr.	Erno Delano	Rossi	147 Tennessee Ave	Port Colborne	Ontario	L3K 2R8		<del>                                     </del>
		11.0001	THE TOTAL COURSE	Ti ort comorno	Torrano	LOIX 2110	I	

Title	First Name	Last Name	Address_Line_1	City	Province	Postal Code	Phone	Email
Mr.	Brent	Roszell	31426 Malowany Rd, RR 2	Wainfleet	Ontario	L0S 1V0	i none	Entan
Mr.	Ralph	Rotella	100 Oxford Blvd	Port Colborne		L3K 5Y3		
Ms.	Sally Louise	Roth	663 Niagara St	Tonawanda		14150-3601		
Ms.	Eleanor I	Rutkowski	45 Kies Crt	Niagara Falls	NY USA	14304		
Ms.	Irene Louise	Ruzylo	178 Steele St	Port Colborne	Ontario	L3K 4X6		
Mr.	John Winston	Sacrey	13794 Highway 2, RR 4	Cobourg		K0K 1S0		
Ms.	Cynthia Marie Ann	Safruk	12159 Brawn Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Richard Arthur	Sahr	69 Countryside Lane	Grand Island		14072		
Ms.	Barbara	Salerno	368 Tennyson Dr	Oakville		L6L 3Y9		
Sir/Madame		Sam Young Electric Limited	11290 Golf Course Rd, RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	James T	Sandoro	25 Myrtle Ave	Buffalo	NY USA	14204-2047		
Mr.	Andrew Jack	Saunders	197 Mang Ave	Kenmore	NY USA	14217-2633		
Mr.	Philip Jr	Schertzing	21131 Dilts Side Road 12, RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Robert	Schertzing	21444 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Adolf	Schmitz	11692 Belleview Beach Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Heather Margaret	Schram	17 Rondelle Pl	St Catharines	Ontario	L2N 2V5		
Mr.	Christopher	Scotland	11986 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Margaret Mary	Scott	11617 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Ronald Henry	Sevenpifer	11381 Highway 3 W, RR 2	Port Colborne	Ontario	L3K 5V4		
Ms.	Mary L	Seyler	348 Zimmerman Blvd	Buffalo	NY USA	14223-1024		
Mr.	Kenneth	Sharpe	11828 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	John A	Shepherd	419 Delta Rd Unit 2	Buffalo	NY USA	14226-1120		
Ms.	Susan Holly	Sherk	20 Brock Ave, PO Box 1114	Fonthill	Ontario	L0S 1E0		
Ms.	Marilyn Robertson	Sherman	14333 Lake Ma Aline Blvd, GD	Tampa	FL USA	33618		
Ms.	Jacqueline Grace	Shiels	PO Box 125	Wainfleet	Ontario	L0S 1V0		
Mr.	Steven William	Shiels	21383 Garringer Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Wayne Orval	Shoemaker	11693 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Earl	Sibbald	11684 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Janet	Sider	11664 Belleview Beach Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Jane Doreen	Siever	1364 101st St	Niagara Falls	NY USA	14304-2716		
Mr.	James	Simonics	31953 Feeder Road West	Wainfleet	Ontario	L0S 1V0		
Ms.	Stephanie Joan	Simpson	11533 Burnaby Rd, RR 2	Wainfleet		L0S 1V0		
Mr.	Bradford Christopher	Skinner	40 Virginia St	Welland		L3C 7A4		
Mr.	Stanley Ferdinan	Skotniski	31337 Malowany Rd, RR 2	Wainfleet		L0S 1V0		
Ms.	Susan Christine	Skotniski	11662 Burnaby Rd, RR 2	Wainfleet		L0S 1V0		
Ms.	Carolyn	Skrypetz	1578 Keenleyside Crt	Mississauga	Ontario	L5G 2V9		
Mr.	Brandon Richard	Smith	41947 Feeder Road East	Wainfleet	Ontario	L0S 1V0		
Mr.	Wade Edward	Smith	650 King St	Port Colborne		L3K 4H8		
Mr.	Daniel	Smith	11750 Highway 3, RR 2	Wainfleet		LOS 1V0		
Mr.	Gregory Joseph	Smith	11670 Belleview Beach Rd, RR 2	Wainfleet	_	LOS 1V0		
Ms.	Barbara May	Smith	10236 Augustine Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Ms.	Michelle	Solinas	3246 Respond Rd	Mississauga	Ontario	L5M 7X4		
Ms.	Deborah Lynn	Souder	11617 Elizabeth Cres, RR 2	Wainfleet		LOS 1V0		
Ms.	Audie	Soulsby	3672 Gunning Dr	Niagara Falls		L2G 6L4		
Mr.	Wayne Arthur	Sparks	11694 Burnaby Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Ms.	Penny Veldora	Speck	11623 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Joann Veronica	Spence	11066 Neff Rd, RR 2, Stn Main	Port Colborne	Ontario	L3K 5V4		
Mr.	Anthony	Spiteri	812 Douglas Woods Pl Se	Calgary	Alberta	T2Z 3P2		<u> </u>
Ms.	Margo	Springer CA Diagram	137 Russell Ave	St Catharines		L2R 1W2		
Mr.	Alain Clement	St Pierre	475 Wallace Ave N	Welland		L3B 1R3		
Mr.	Paul Leonard	Stachnik	144 Hartford Ave	Buffalo		14223-2738		
Ms.	Grace Elizabeth	Statey	12022 Lakeshore Rd, RR 2	Wainfleet	_	L0S 1V0		
Mr.	Glenn	Stansfield	PO Box 157	Wainfleet	Ontario	L0S 1V0		
Mr.	Edwin Roy	Staples	11559 Highway 3	Wainfleet	Ontario	L0S 1V0		

Tritle	
Min.   Marman William   Statik   Sistronger   27433 Abbry M.R. H.R.   Warnfeet   Ontario   L08 1VD	
Mr.   Herman William   Stok   31870 Highway 3, RR 2   Wanfelbed   Ontario   L08 1V0	
Mr. Farin Joseph Stoop 41195 Feeder RG E, RR 3 Warrifeet Ontario US 1V0   Mr. Farin Joseph Stoop 41037 Feeder RG E, RR 3 Warrifeet Ontario US 1V0   Mr. Bruns L Stoop 41037 Feeder RG RG RG RS Warrifeet Ontario US 1V0   Mr. Bruns L Stoop 41037 Feeder RG RG RS Warrifeet Ontario US 1V0   Mr. Bruns L Stoop 41037 Feeder RG RG RS Warrifeet Ontario US 1V0   Mr. Bruns L Stoop 1255 Feeder RG RG RG Warrifeet Ontario US 1V0   Mr. Bruns L Stoop 1255 Feeder RG RG RG Warrifeet Ontario US 1V0   Mr. Bruns L Stoop 1255 Feeder RG RG RG Warrifeet Ontario US 1V0   Mr. Roder Stoop 1255 Feeder RG RG RG Warrifeet Ontario US 1V0   Mr. Roder James State 1119 Feeder RG RG RG Warrifeet Ontario US 1V0   Mr. Roder James State 1119 Feeder RG RG RG Warrifeet Ontario US 1V0   Mr. Roder James State 1119 Feeder RG RG RG Warrifeet Ontario US 1V0   Mr. Roder James State 1119 Feeder RG RG RG Warrifeet Ontario US 1V0   Mr. Swellana State 1119 Feeder RG RG RG Warrifeet Ontario US 1V0   Mr. Swellana State 1119 Feeder RG RG RG Warrifeet Ontario US 1V0   Mr. Mr. Roder James State 1119 Feeder RG RG RG Warrifeet Ontario US 1V0   Mr.	
Miles	
Mis.   Emma Maria   Stooth   41037 Feeder Rd., RR 3   Walnifeet   Ontario   LIOS 1V0	
Mr.   Bruce   Stouth   21858 Highway 3, RR 2   Wainfloot   Clost Vio	
MS.         Judith Margaret         Stouth         21850 Highway 3, RR 2         Wainfleet         Ontario         LOS 1V0           MS.         Mustel         Stranders         31946 Garringer RN, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Thomas David         Stuze         11868 Belleview Beach Rd, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Rudy         Sukkal         21732 Highway 3, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Robert Jannes         Sulctions         11824 Likesptore Rd, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Robert Jannes         Sulctions         11752 Highway 3, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Sweltana         Succession 1 Rd, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Thomas         Thomas         1272 Highway 3, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Thomas         1494 Clarenders Rd RR 2         Stranders Group         Ontario         LOS 1V0           Mr.         Thomas         1272 Augustine Rd, RR 2         Wainfleet         Ontario         LOS 1V0	
Mo.   Mudite	
Mr.   Thomas David   Stutz	
Mr.         Rody         Suktel         21733 Highway 3, RR 2         Wainfleet         Ontatio         LOS 1V0           Mr.         Nobert James         Sulston         11824 Lakeshore Rd. RR 2         Wainfleet         Ontatio         LOS 1V0           Mr.         Swedana         Suschinskij         11755 Highway 3, RR 2         Wainfleet         Ontatio         LOS 1V0           Mr.         All Magnaret Joan         Swbodod         12021 Concession 1 Rd, RR 2         Wainfleet         Ontatio         LOS 1V0           Mr.         Thors         TM Sport Limited         186 Greens Rd         Catedonia         Ontatio         LOS 1V0           Mr.         Thimp         Taylor         11851 Lakeshore Rd, RR 2         Wainfleet         Ontatio         LOS 1V0           Mr.         Thomas         Thoridailidis         53 Clapportion Nave         Scarborout         Ontatio         LOS 1V0           Mr.         Thomas         Thoridailidis         53 Clapportion Nave         Scarborout         Ontatio         LOS 1V0           Mr.         Thomas         14946 Clarendon St East, GD         Wainfleet         Ontatio         LOS 1V0           Mr.         Thomas         12172 Augustine Rd, RR 2         Wainfleet         Ontatio         LOS 1V0 </td <td></td>	
MY.         Robert James         Sulston         11924 Lakeshore Rd. RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Swestlana         Suschinskij         111726 Highway, 3.RR 2         Wainfleet         Ontario         LOS 1V0           Ms.         Magnard Joan         Swoboda         12021 Concession 1 Rd, RR 2         Wainfleet         Ontario         LOS 1V0           Ms.         Flaina         Tatersall         14 Contro Street         St. Catharines         Ontario         LOS 1V0           Mr.         Philip         Taylor         11851 Lakeshore Rd, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Thomas         Theofaridis         53 Clapperton Ave         Scarborough         Ontario         LOS 1V0           Ms.         Karen Kay         Therrine         41846 Clarendon St.East, GD         Wainfleet         Ontario         LOS 1V0           Ms.         Trevor         Thomas         12172 Augustine Rd, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Trevor         Thompson         2488 Sharie Rd         Smithville         Ontario         LOS 1V0           Mr.         Davryl Brieft         Thompson         31860 Marshville         Smithville	
Mr.         Swellana         Suchinskij         11752 Highway 3, RR 2         Wainfleet         Ontario         L05 YV0           Ms.         Margaret Joan         Dr. Margaret Joan         L05 YV0         Mr.           Si/Madame         T. M. Scrat Limited         186 Greens Rd         Caledonia         Ontario         L03 YV0           Ms.         Elaine         Tattersall         14 Centre Street         St. Cathannes         Ontario         L28 YJ5           Mr.         Philip         Taylor         11851 Lakoshore Rd, RR 2         Wainfleet         Ontario         L05 YV0           Mr.         Thomas         Theolandis         53 Clappendron Ave         Scarborough         Ontario         L05 YV0           Ms.         Asaren Kay         Therrien         41940 Clarendon St. East, GD         Wainfleet         Ontario         L05 YV0           Ms.         Asaren Kay         Therrien         41940 Clarendon St. East, GD         Wainfleet         Ontario         L05 YV0           Ms.         Donna June         Thiessen         12172 Augustine Rd., RR 2         Wainfleet         Ontario         L05 YV0           Mr.         Thomas         21949 Abbey Rd, RR 2         Wainfleet         Ontario         L05 YV0           Mr.         B	
Margaret Joan	
Simbadame	
Ms.   Elaine	
Mr. Philip Taylor 11851 Lakesbror Rd, RR 2 Wainfleet Ontario LOS IVO Mr. Thomas Theolanidis 53 Clapparton Ava Scarborough Ontario ML 4K7 M. Ms. Karen Kay Therrien 41946 Clarendon St East, GD Wainfleet Ontario LOS IVO Ms. Donna June Thiessen 12172 Augustine Rd RR 2 Wainfleet Ontario LOS IVO Mr. Trevor Thomas 12194 Abbey Rd, RR 2 Wainfleet Ontario LOS IVO Mr. John Thimpson 131802 Marshville Drive Wainfleet Ontario LOS IVO Mr. Darry Brent Thompson 31802 Marshville Drive Wainfleet Ontario LOS IVO Mr. Robert Douglas Thompson 111586 Lakesbror Rd W, RR 2 Port Colborne Ontario LOS IVO Mr. Darry Brent Thompson 11169 Believew Beach Rd, RR 2 Wainfleet Ontario LOS IVO Mr. Blair Thompson 11698 Believew Beach Rd, RR 2 Wainfleet Ontario LOS IVO Mr. Blair Thompson 11698 Believew Beach Rd, RR 2 Wainfleet Ontario LOS IVO Mr. Blair Thompson 11698 Believew Beach Rd, RR 2 Wainfleet Ontario LOS IVO Mr. Stanley Tomassewski 475 Oneida St Lewiston NY USA 14092-1267 Mrs. Stanley Tomassewski 475 Oneida St Lewiston NY USA 14092-1267 Mrs. Stanley Tomassewski 475 Oneida St Lewiston NY USA 14092-1267 Mrs. Daniel Robert Topa 32028 Clarendon St Wainfleet Ontario LOS IVO Mr. Daniel Robert Topa 32028 Clarendon St Wainfleet Ontario LOS IVO Mr. Daniel Robert Topa 32028 Clarendon St Wast Wainfleet Ontario LOS IVO Mr. Wayne Scott Timmer 1218 Lakesbror Road Wainfleet Ontario LOS IVO Mr. Wayne Scott Timmer 1218 Lakesbror Road Wainfleet Ontario LOS IVO Mr. Gordon Trafananko 31840 Highway 3, RR 2 Wainfleet Ontario LOS IVO Mr. Carl Wayne Turton 12229 Concession I Rd, PO Bx 31 Port Colborne Ontario LOS IVO Mr. Carl Wayne Turton 12229 Concession I Rd, PO Bx 31 Port Colborne Ontario LOS IVO Mr. Carl Wayne Turton 12229 Concession I Rd, PO Bx 31 Port Colborne Ontario LOS IVO Mr. Carl Wayne Turton 12229 Concession I Rd, PO Bx 31 Port Colborne Ontario LOS IVO Mr. Carl Wayne Turton 12229 Concession I Rd, PO Bx 31 Port Colborne Ontario LOS IVO Mr. Carl Wayne Turton 12229 Concession I Rd, PO Bx 31 Port Colborne Ontario LOS IVO Mr. Carl Wayne Vanderiagen Van Calle	
Mr.         Thomas         Theolanidis         53 Clapperton Ave         Scarborough         Ontario         MIL KY           Ms.         Karen Kay         Therrien         41946 Clarendon St East, GD         Wainfleet         Ontario         L0S 1V0           Ms.         Donna June         Thiessen         12172 Augustine Rd, RR 2         Wainfleet         Ontario         L0S 1V0           Mr.         John         Thomas         21949 Abbey Rd, RR 2         Wainfleet         Ontario         L0S 1V0           Mr.         John         Thompson         2488 Shurin Rd         Smithville         Ontario         L0S 1V0           Mr.         John Cale         Thompson         11636 Lakeshore Rd W, RR 2         Port Colborne         Ontario         L0S 1V0           Mr.         John Dale         Thompson         11691 Belleview Beach Rd, RR 2         Wainfleet         Ontario         L0S 1V0           Mr.         Dario         Thompson         11698 Burnaby Rd, RR 2         Wainfleet         Ontario         L0S 1V0           Mr.         Starley         Torias Seveki         475 Oneids St         Lewiston         NY USA         41692-1267           Mr.         Starley         Tormaszeveki         475 Oneids St         Lewiston         NY USA <td></td>	
Ms.         Karen Kay         Therrien         41946 Clarandon St East, GD         Wainfleet         Ontario         LOS 1V0         Mode           Ms.         Donna June         Thiessen         12172 Augustine RR 2         Wainfleet         Ontario         LOS 1V0         Mode           Mr.         John         Thompson         2488 Shurie Rd         Smithwile         Ontario         LOS 1V0         Mode           Mr.         Darry Brent         Thompson         31802 Marshville Drive         Wainfleet         Ontario         LOS 1V0         Mode           Mr.         Robert Douglas         Thompson         11586 Lakeshore Rd W. RR 2         Wainfleet         Ontario         LOS 1V0         Mode           Mr.         John Dale         Thompson         11691 Belleview Beach Rd, RR 2         Wainfleet         Ontario         LOS 1V0         Mode           Mr.         John Dale         Thompson         11689 Belleview Beach Rd, RR 2         Wainfleet         Ontario         LOS 1V0         Mode           Mr.         Thomas         Tokar         11689 Belleview Beach Rd, RR 2         Wainfleet         Ontario         LOS 1V0         Mode           Mr.         Thomas         11689 Belleview Beach Rd, RR 2         Wainfleet         Ontario         LO	
Mis.   Donna June   Thiessen   12172 Augustine Rd, RR 2   Wainfleet   Ontario   LOS 1V0   Mr.	
Mr.         Trevor         Thomas         21949 Abbey Rd, RR 2         Wainfeet         Ontario         LOS 1/0           Mr.         John         Thompson         2488 Shurie Rd         Smitwille         Ontario         LDS 240           Mr.         Darryl Brent         Thompson         31802 Marshville Drive         Wainfleet         Ontario         LOS 1V0           Mr.         Abbey Davis Stand         Thompson         11698 Lelkevenore Rd W, RR 2         Port Colborne         Ontario         LOS 1V0           Mr.         John Dale         Thompson         11698 Bellevene Beach Rd, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Thompson         11691 Bellevene Beach Rd, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Thompson         11689 Burnaby Rd, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Thomas S         Tokar         11809 Burnaby Rd, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Stanloue         Tomas Sevest         475 Oneida St         Lewiston         N'Y USA         14092-1267           Mr.         Stanloue         Tomas Sevest         475 Oneida St         Lewiston         N'Y USA         14092-1267	
Mr.         John         Thompson         2488 Shurie Rd         Smithville         Ontario         LOR 2AO           Mr.         Darryl Brent         Thompson         31802 Marshville Drive         Wainffeet         Ontario         L0S 1VO           Mr.         Robert Douglas         Thompson         11586 Lakeshore Rd W, RR 2         Port Colborne         Ontario         L3K SV4           Mr.         John Dale         Thompson         11681 Belleview Beach Rd, RR 2         Wainffeet         Ontario         L0S 1VO           Mr.         Stari         Thompson         11689 Burnaby Rd, RR 2         Wainffeet         Ontario         L0S 1VO           Mr.         Stanley         Tomaszewski         475 Oneida St         Lewiston         NY USA         14092-1267           Ms.         Sara Diane         Tominison         111 Lockhart Dr         St Catharines         Ontario         L2T 1W3           Ms.         Patricia A         Toole         1809 Arbor Knoll Loop         New Port Richey         LV LSA         4855-7204           Mr.         Daniel Robert         Topa         32028 Clarendon St         Wainfleet         Ontario         L0S 1VO           Ms.         Jacqueline         Topa         32028 Clarendon St         Wainfleet <td< td=""><td></td></td<>	
Mr. Darry Brent   Thompson   131802 Marshville Drive   Wainfleet   Ontario   LOS 1V0   Mr. Robert Douglas   Thompson   11586 Lakeshore Rd W, RR 2   Port Colbome   Ontario   LOS 1V0   Mr. John Dafe   Thompson   11586 Lakeshore Rd W, RR 2   Wainfleet   Ontario   LOS 1V0   Mr. John Dafe   Thompson   11586 Lakeshore Rd W, RR 2   Wainfleet   Ontario   LOS 1V0   Mr. Thomas   Tokar   11689 Burnaby Rd, RR 2   Wainfleet   Ontario   LOS 1V0   Mr. Stanley   Tomaszewski   475 Oneida St   Lewiston   NY USA   14092-1267   Ms. Sara Diane   Tomlinson   1111 Lockhart Dr   St Catharines   Ontario   LOS 1V0   Ms. Patricia A   Toole   1809 Arbor Knoll Loop   New Port Richey   FL USA   34655-7204   Ms. Jacqueline   Topa   32028 Clarendon St   Wainfleet   Ontario   LOS 1V0   Ms. Jacqueline   Topa   32028 Clarendon St   Wainfleet   Ontario   LOS 1V0   Mr. Jordon   Trafananko   31840 Highway 3, RR 2   Wainfleet   Ontario   LOS 1V0   Mr. Wayne Scott   Trimmer   12181 Lakeshore Road   Wainfleet   Ontario   LOS 1V0   Ms. Elizabeth L   Turner   21539 Dixie Rd, RR 1   Wainfleet   Ontario   LOS 1V0   Ms. Elizabeth L   Turner   12229 Concessor   147 Dorchester Dr   Grimsby   Ontario   LOS 1V0   Mr. Thomas   Twist   359 Rosedale Bird   Mr. Stanlare   Ontario   LOS 1V0   Mr. Robert Waiter   Tytko   101 Front St, PD Box 467   Hastings   Ontario   LOS 1V0   Mr. Harry Norman   Upfold   32769 Fedeer Rd, RR 1   Wainfleet   Ontario   LOS 1V0   Mr. Robert Waiter   Tytko   101 Front St, PD Box 467   Hastings   Ontario   LOS 1V0   Mr. Harry Norman   Upfold   32769 Fedeer Rd, RR 1   Wainfleet   Ontario   LOS 1V0   Mr. Harry Norman   Upfold   32769 Fedeer Rd, RR 1   Wainfleet   Ontario   LOS 1V0   Mr. Harry Norman   Upfold   32769 Fedeer Rd, RR 2   Wainfleet   Ontario   LOS 1V0   Mr. Harry Norman   Upfold   32769 Fedeer Rd, RR 1   Wainfleet   Ontario   LOS 1V0   Mr. Harry Norman   Upfold   32769 Fedeer Rd, RR 2   Wainfleet   Ontario   LOS 1V0   Mr. Harry Norman   Upfold   32769 Fedeer Rd, RR 2   Wainfleet   Ontario   LOS 1V0   Mr. Harry Norman   Upfold	
Mr.         Robert Douglas         Thompson         11586 Lakeshore Rd W, RR 2         Port Colborne         Ontario         L3K 5V4           Mr.         John Dale         Thompson         11691 Belleview Beach Rd, RR 2         Wainfleet         Ontario         L0S 1V0           Mr.         Blair         Thompson         11689 Beuraby Rd, RR 2         Wainfleet         Ontario         L0S 1V0           Mr.         Thomas S         Tokar         11689 Burnaby Rd, RR 2         Wainfleet         Ontario         L0S 1V0           Ms.         Stanley         Tomaszewski         475 Oneida St         Lewiston         NY USA         14092-1267           Ms.         Sara Diane         Tominisson         111 Lockhart Dr         Si Catharines         Ontario         L2T 1W3           Ms.         Patricia A         Toole         1809 Arbor Knoll Loop         New Port Richey         F. LUSA         34655-7204           Mfr.         Daniel Robert         Topa         32028 Clarendon St         Wainfleet         Ontario         L0S 1V0           Mr.         Gordon         Trafananko         31840 Highway 3, Rr 2         Wainfleet         Ontario         L0S 1V0           Mr.         Wayne Scott         Trimmer         12181 Lakeshore Road         Wainfleet <td></td>	
Mr. John Dale	
Mr.         Blair         Thompson         Interest of the part	
Mr.         Thomas S         Tokar         11689 Burnaby Rd, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Stanley         Tomaszewski         475 Oneida St         Lewiston         NY USA         14092-1267           Ms.         Sara Diane         Tomlinson         111 Lockhart Dr         St Catharines         Ontario         L27 tW3           Ms.         Patricia A         Toole         1809 Arbor Knoll Loop         New Port Richey         FL USA         34665-7204           Mr.         Daniel Robert         Topa         32028 Clarendon St         Wainfleet         Ontario         L0S 1V0           Ms.         Jacqueline         Topa         32028 Clarendon St West         Wainfleet         Ontario         L0S 1V0           Mr.         Gordon         Trafananko         31840 Highway 3, Rz 2         Wainfleet         Ontario         L0S 1V0           Mr.         Wayne Scott         Trimmer         12181 Lakeshore Road         Wainfleet         Ontario         L0S 1V0           Sir/Madame         Triple G Farms Inc         42717 Gilmore Rd, RR 1         Wainfleet         Ontario         L0S 1V0           Sir/Madame         True Remainders Ltd         2318 Regional Rd 81, RR 1         St Catharines         Ontario	
Mr.         Stanley         Tomaszewski         475 Oneida St         Lewiston         NY USA         14092-1267           Ms.         Sara Diane         Tomlinson         111 Lockhart Dr         St Catharines         Ontario         L2T 1W3           Ms.         Patricia A         Toole         1809 Arbor Knoll Loop         New Port Richey         FL USA         34655-7204           Mr.         Daniel Robert         Topa         32028 Clarendon St         Wainfleet         Ontario         L05 1V0           Ms.         Jacqueline         Topa         32028 Clarendon St West         Wainfleet         Ontario         L05 1V0           Mr.         Gordon         Trafananko         31840 Highway 3, Rt 2         Wainfleet         Ontario         L05 1V0           Mr.         Wayne Scott         Trimmer         12181 Lakeshore Road         Wainfleet         Ontario         L05 1V0           Mr.         Triple G Farms Inc         42771 Gilmore Rd, RR 1         Wainfleet         Ontario         L05 1V0           Sir/Madame         True Remainders Ltd         2318 Regional Rd 81, RR 1         St Catharines         Ontario         L05 1V0           Ms.         Elizabeth L         Turner         21539 Dixie Rd, RR 2         Wainfleet         Ontario	angbu.com
MS.   Sara Diane   Tomlinson   111 Lockhart Dr   St Catharines   Ontario   L27 1W3	
MS.         Patricia A         Toole         1809 Arbor Knoll Loop         New Port Richey         FL USA         34655-7204           Mr.         Daniel Robert         Topa         32028 Clarendon St         Wainfleet         Ontario         LOS 1V0           Ms.         Jacqueline         Topa         32028 Clarendon St West         Wainfleet         Ontario         LOS 1V0           Mr.         Gordon         Trafananko         31840 Highway 3, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Wayne Scott         Trimmer         12181 Lakeshore Road         Wainfleet         Ontario         LOS 1V0           Sir/Madame         Triple G Farms Inc         42771 Glimore Rd, RR 1         Wainfleet         Ontario         LOS 1V0           Sir/Madame         True Remainders Ltd         2318 Regional Rd 81, RR 1         St Catharines         Ontario         L2R 6P7           Ms.         Elizabeth L         Turneer         21539 Dixie Rd, RR 2         Wainfleet         Ontario         L0S 1V0           Mr.         Carl Wayne         Turton         12229 Concession 1 Rd, PO Box 131, Port Colborne         Ontario         L3K 5V8           Mr.         Thomas         Twist         359 Rosedale Blvd         Buffalo         NY USA	
Mr.         Daniel Robert         Topa         32028 Clarendon St         Wainfleet         Ontario         L0S 1V0           Ms.         Jacqueline         Topa         32028 Clarendon St West         Wainfleet         Ontario         L0S 1V0           Mr.         Gordon         Trafananko         31840 Highway 3, RR 2         Wainfleet         Ontario         L0S 1V0           Mr.         Wayne Scott         Trimmer         12181 Lakeshore Road         Wainfleet         Ontario         L0S 1V0           Sir/Madame         Tripe G Farms Inc         42771 Gilmore Rd, RR 1         Wainfleet         Ontario         L0S 1V0           Ms.         Elizabeth L         Turner         21539 Dixie Rd, RR 2         Wainfleet         Ontario         L0S 1V0           Mr.         Carl Wayne         Turton         12229 Concession 1 Rd, PO Box 131, Port Colborne         Ontario         L0S 1V0           Mr.         Thomas         Twist         359 Rosedale Blvd         Buffalo         NY USA         14226-2239           Ms.         Barbara         Tylee         147 Dorchester Dr         Grimsby         Ontario         L0S 1V0           Mr.         Robert Walter         Tytko         101 Front St, PO Box 467         Hastings         Ontario         K0L 1V0	
Ms.         Jacqueline         Topa         32028 Clarendon St West         Wainfleet         Ontario         LOS 1V0           Mr.         Gordon         Trafananko         31840 Highway 3, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Wayne Scott         Trimmer         12181 Lakeshore Road         Wainfleet         Ontario         LOS 1V0           Sir/Madame         Triple G Farms Inc         42771 Gilmore Rd, RR 1         Wainfleet         Ontario         LOS 1V0           Sir/Madame         True Remainders Ltd         2318 Regional Rd 81, RR 1         St Catharines         Ontario         LZR 6P7           Ms.         Elizabeth L         Turner         21539 Disk Rd, RR 2         Wainfleet         Ontario         LZR 6P7           Mr.         Carl Wayne         Turton         12229 Concession 1 Rd, PO Box 131, Port Colborne         Ontario         L3K 5V8           Mr.         Thomas         Twist         359 Rosedale Blvd         Buffalo         NY USA         14226-2239           Ms.         Barbara         Tylee         147 Dorrchester Dr         Grimsby         Ontario         L3K 5V8           Mr.         Robert Walter         Tytko         101 Front St, PO Box 467         Hastings         Ontario         K0L 1Y0 </td <td></td>	
Mr.         Gordon         Trafananko         31840 Highway 3, RR 2         Wainfleet         Ontario         LOS 1V0           Mr.         Wayne Scott         Trimmer         12181 Lakeshore Road         Wainfleet         Ontario         LOS 1V0           Sir/Madame         Triple G Farms Inc         42771 Gilmore Rd, RR 1         Wainfleet         Ontario         LOS 1V0           Sir/Madame         True Remainders Ltd         2318 Regional Rd 81, RR 1         St Catharines         Ontario         L2R 6P7           Ms.         Elizabeth L         Turner         21539 Dixie Rd, RR 2         Wainfleet         Ontario         L2R 6P7           Mr.         Carl Wayne         Turton         12229 Concession 1 Rd, PO Box 131, Port Colborne         Ontario         L0S 1V0           Mr.         Carl Wayne         Turton         12229 Concession 1 Rd, PO Box 131, Port Colborne         Ontario         LJK 5V8           Mr.         Thomas         Twist         359 Rosedale Blvd         Buffalo         NY USA         14226-2239           Ms.         Barbara         Tylee         147 Dorchester Dr         Grimsby         Ontario         L3M 5J9           Mr.         Robert Walter         Tytko         101 Front St, PO Box 467         Hastings         Ontario         K0L 1Y0 </td <td></td>	
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Sir/Madame         True Remainders Ltd         2318 Regional Rd 81, RR 1         St Catharines         Ontario         L2R 6P7           Ms.         Elizabeth L         Turner         21539 Dixie Rd, RR 2         Wainfleet         Ontario         L0S 1V0           Mr.         Carl Wayne         Turton         12229 Concession 1 Rd, PO Box 131, Port Colborne         Ontario         L3K 5V8           Mr.         Thomas         Twist         359 Rosedale Blvd         Buffalo         NY USA         14226-2239           Ms.         Barbara         Tylee         147 Dorchester Dr         Grimsby         Ontario         L3M 5J9           Mr.         Robert Walter         Tytko         101 Front St, PO Box 467         Hastings         Ontario         K0L 1Y0           Mr.         Harry Norman         Upfold         32769 Feeder Rd, RR 1         Wainfleet         Ontario         L0S 1V0           Mr.         Gilbert James         Van Ginkel         31375 Malowany Side Rd 14, RR 3         Wainfleet         Ontario         L0S 1V0           Ms.         Elisabeth         Van Hengstum         23046 Burkett Rd, RR 2         Wainfleet         Ontario         L0S 1V0           Mr.         Gerrit W         Van Luttikhuisen         11488 Moore Rd, RR 2         Port Colborne	
Ms.         Elizabeth L         Turner         21539 Dixie Rd, RR 2         Wainfleet         Ontario         L0S 1V0           Mr.         Carl Wayne         Turton         12229 Concession 1 Rd, PO Box 131, Port Colborne         Ontario         L3K 5V8           Mr.         Thomas         Twist         359 Rosedale Blvd         Buffalo         NY USA         14226-2239           Ms.         Barbara         Tylee         147 Dorchester Dr         Grimsby         Ontario         L3M 5J9           Mr.         Robert Walter         Tytko         101 Front St, PO Box 467         Hastings         Ontario         K0L 1Y0           Mr.         Harry Norman         Upfold         32769 Feeder Rd, RR 1         Wainfleet         Ontario         L0S 1V0           Mr.         Gilbert James         Van Ginkel         31375 Malowany Side Rd 14, RR 3         Wainfleet         Ontario         L0S 1V0           Ms.         Elisabeth         Van Hengstum         23046 Burkett Rd, RR 2         Wainfleet         Ontario         L0S 1V0           Mr.         Gerrit W         Van Luttikhuisen         11488 Moore Rd, RR 2         Port Colborne         Ontario         L0S 1V0           Ms.         Pamela Margaret         Van Osch         32173 Feeder Rd, RR 1         Wainfleet </td <td></td>	
Mr.         Carl Wayne         Turton         12229 Concession 1 Rd, PO Box 131, Port Colborne         Ontario         L3K 5V8           Mr.         Thomas         Twist         359 Rosedale Blvd         Buffalo         NY USA         14226-2239           Ms.         Barbara         Tylee         147 Dorchester Dr         Grimsby         Ontario         L3M 5J9           Mr.         Robert Walter         Tytko         101 Front St, PO Box 467         Hastings         Ontario         L0S 1V0           Mr.         Harry Norman         Upfold         32769 Feeder Rd, RR 1         Wainfleet         Ontario         L0S 1V0           Mr.         Gilbert James         Van Ginkel         31375 Malowany Side Rd 14, RR 3         Wainfleet         Ontario         L0S 1V0           Ms.         Elisabeth         Van Hengstum         23046 Burkett Rd, RR 2         Wainfleet         Ontario         L0S 1V0           Mr.         Gerrit W         Van Luttikhuisen         11488 Moore Rd, RR 2         Port Colborne         Ontario         L3K 5V4           Ms.         Pamela Margaret         Van Osch         32173 Feeder Rd, RR 1         Wainfleet         Ontario         L0S 1V0           Mr.         Ronald Gerard         Vandelaar         11769 Highway 3, RR 2         Wainf	
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Ms. Barbara Tylee 147 Dorchester Dr Grimsby Ontario L3M 5J9 Mr. Robert Walter Tytko 101 Front St, PO Box 467 Hastings Ontario K0L 1Y0 Mr. Harry Norman Upfold 32769 Feeder Rd, RR 1 Wainfleet Ontario L0S 1V0 Mr. Gilbert James Van Ginkel 31375 Malowany Side Rd 14, RR 3 Wainfleet Ontario L0S 1V0 Ms. Elisabeth Van Hengstum 23046 Burkett Rd, RR 2 Wainfleet Ontario L0S 1V0 Mr. Gerrit W Van Luttikhuisen 11488 Moore Rd, RR 2 Port Colborne Ontario L3K 5V4 Ms. Pamela Margaret Van Osch 32173 Feeder Rd, RR 1 Wainfleet Ontario L0S 1V0 Mr. Ronald Gerard Vandelaar 11769 Highway 3, RR 2 Wainfleet Ontario L0S 1V0 Ms. Mary Vandelaar 11765 Highway 3, RR 2 Wainfleet Ontario L0S 1V0 Mr. Allen Jeffrey Vanderlingen 31711 Highway 3, RR 1 Wainfleet Ontario L0S 1V0 Mr. Allen Jeffrey Vanginkel 31375 Side Road 14 Wainfleet Ontario L0S 1V0 (905) 899-3892	
Mr.Robert WalterTytko101 Front St, PO Box 467HastingsOntarioKOL 1YOMr.Harry NormanUpfold32769 Feeder Rd, RR 1WainfleetOntarioLOS 1VOMr.Gilbert JamesVan Ginkel31375 Malowany Side Rd 14, RR 3WainfleetOntarioLOS 1VOMs.ElisabethVan Hengstum23046 Burkett Rd, RR 2WainfleetOntarioLOS 1VOMr.Gerrit WVan Luttikhuisen11488 Moore Rd, RR 2Port ColborneOntarioL3K 5V4Ms.Pamela MargaretVan Osch32173 Feeder Rd, RR 1WainfleetOntarioLOS 1VOMr.Ronald GerardVandelaar11769 Highway 3, RR 2WainfleetOntarioLOS 1VOMs.MaryVandelaar11765 Highway 3, RR 2WainfleetOntarioLOS 1VOMr.Allen JeffreyVanderlingen31711 Highway 3, RR 1WainfleetOntarioLOS 1VOMr. & Ms.Bert & KarenVanginkel31375 Side Road 14WainfleetOntarioLOS 1VO(905) 899-3892	
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Ms.Pamela MargaretVan Osch32173 Feeder Rd, RR 1WainfleetOntarioL0S 1V0Mr.Ronald GerardVandelaar11769 Highway 3, RR 2WainfleetOntarioL0S 1V0Ms.MaryVandelaar11765 Highway 3, RR 2WainfleetOntarioL0S 1V0Mr.Allen JeffreyVanderlingen31711 Highway 3, RR 1WainfleetOntarioL0S 1V0Mr. & Ms.Bert & KarenVanginkel31375 Side Road 14WainfleetOntarioL0S 1V0(905) 899-3892	
Mr.Ronald GerardVandelaar11769 Highway 3, RR 2WainfleetOntarioL0S 1V0Ms.MaryVandelaar11765 Highway 3, RR 2WainfleetOntarioL0S 1V0Mr.Allen JeffreyVanderlingen31711 Highway 3, RR 1WainfleetOntarioL0S 1V0Mr. & Ms.Bert & KarenVanginkel31375 Side Road 14WainfleetOntarioL0S 1V0(905) 899-3892	
Ms.MaryVandelaar11765 Highway 3, RR 2WainfleetOntarioL0S 1V0Mr.Allen JeffreyVanderlingen31711 Highway 3, RR 1WainfleetOntarioL0S 1V0Mr. & Ms.Bert & KarenVanginkel31375 Side Road 14WainfleetOntarioL0S 1V0(905) 899-3892	
Mr.Allen JeffreyVanderlingen31711 Highway 3, RR 1WainfleetOntarioL0S 1V0Mr. & Ms.Bert & KarenVanginkel31375 Side Road 14WainfleetOntarioL0S 1V0(905) 899-3892	
Mr. & Ms. Bert & Karen Vanginkel 31375 Side Road 14 Wainfleet Ontario L0S 1V0 (905) 899-3892	-
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Mr. Gerald Veldhuizen 13186 Lakeshore Rd W, RR 1 Lowbanks Ontario NOA 1K0	·
Mr. Gerald Veldhuizen 23041 Feeder Rd, RR 1 Wainfleet Ontario LOS 1V0	-
Mr. Francis Vella 31950 Napoleon St Wainfleet Ontario LOS 1V0	·

Title	First Name	Last Name	Address Line 1	City	Province	Postal Code	Phone	Email
Mr.	Larry James	Vervaeke	11612 Burnaby Rd	Wainfleet	Ontario	LOS 1V0	FIIOHE	Liliali
Ms.	Lorna Gertrude		31964 Highway 3, PO Box 5	Wainfleet	Ontario	L0S 1V0		
Ms.	Christine	Vidal	107 Columbia Dr	Buffalo	NY USA	14221-6850		
Mr.	Alfred		25 Metcalfe St	Toronto	Ontario	M4X 1R5		
Mr.	Rudolfus Karl		21319 Outred Rd, RR 2, Stn Main	Port Colborne	Ontario	L3K 5V4		
Ms.	Janice	Virag	42363 Highway 3	Wainfleet	Ontario	L0S 1V0	(905) 899-0008	janicevirag@hotmail.com
Sir/Madame	Janice	Virk Poultry Farms Inc	1542 Lookout St, RR 1	Ridgeville	Ontario	L0S 1M0	(303) 033 0000	Janiecvirag@notman.com
Sir/Madame		-	22181 Abbey Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Oli/iviadamic		Abdulrehman	ZZ TOT Abboy Rd, RR Z	Wallinger	Ontario			
Mr.	Anthony Jacob	Vis	11555 Highway 3	Wainfleet	Ontario	L0S 1V0		
Mr.	Darren Andrew	Vitberg	1229 Master St	North Tonawanda	NY USA	14120-2252		
Mr.	John Richard	Vittore	11535 Burnaby Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Nicholaas Gerardus	Vriend	22382 Concession 1 Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Gerald Frederick		21111 Dilts Rd, RR 2	Port Colborne	Ontario	L3K 5V4		
	Andrew Craig	Wakeham	442 Strathmore Blvd	Toronto	Ontario	M4C 1N5		
Mr.	Richard Mark	Wakunick	22506 Daley Ditch Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Joyce		441 30th St	Hermosa Beach	CaA USA	90254-2131		
	Ronald Nathaniel	<u> </u>	PO Box 73	Wainfleet	Ontario	L0S 1V0		
Ms.	Katherine		210 Harvard Rd	Waterloo	Ontario	N2J 3V5	(519) 497-8197	kbanks@rim.com
Mr.	James	Warankie	210 Haivaid Nu	Waterioo	Ontano	1120 3 0 0	(319) 491-0191	jwarankie@cogeco.ca
Mr.	Michael Joseph		330 Main St	Tonawanda	NY USA	14150-3321		Jwarankie@cogeco.ca
Mr.	Andrew	Watts	10810 Rathfon Road, R.R. 2	Port Colborne	Ontario	L3K 5V4	(905) 8342278	aliand@sympatico.ca
	John Charles	Watts	12278 Brawn Rd, RR 2	Wainfleet	Ontario	L0S 1V0	(903) 6342276	aliand@sympatico.ca
Mr.	Robert A	Webster	11582 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	William Garth	Wehlann	•	Wainfleet		L0S 1V0		
Mr.	Katherin	Weishar	12037 Augustine Rd, RR 2	vvaimieet	Ontario	LUS 1VU		akudiya @ amail aam
Ms.	Richard A	Wellenreiter	105 Rockcliffe Rd	Dundas	Ontario	L9H 7H6		skydiva@gmail.com
Mr.	Theodore Frederick		12037 Concession 1 Rd, RR 2	Wainfleet	Ontario	LOS 1V0		
Mr. Mr.	Alexander	Wernham Wessel	1 Adelaide Pl	Toronto	Ontario	M5V 2N7		
	Anthony Neil	Whatley	31961 Feeder Road West	Wainfleet		LOS 1V0		
Mr.	,	,	2593 Pekin Rd		Ontario	45066-7734		
	Gerald Wayne	Whelan Whitehall		Springboro Wainfleet	Ohio USA			
Mr.	Jeffery David		11697 Burnaby Rd, RR 2		Ontario	LOS 1VO	(540) 000 0004	
Mr.	Murray		553 Southdale Road East, Unit 103	London	Ontario	N6E 1A2	(519) 690-0001	murray@optimumbiz.ca
Mr.	Murray	Wickham, Optimum Business Strategies	553 Southdale Road East, Unit 103	London	Ontario	N6E 1A2	(519) 690-0001	murray@optimumbiz.ca
Mr.	Brian	Wicks	71 Coronation Dr	Port Colborne	Ontario	L3K 3Z5		
Mr.	Francis Gordon	Wilkie	12121 Walnut Hill Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Ronald	Williams	23 Portal Dr	Port Colborne	Ontario	L3K 6G2		
	Allan B		11761 Summerland Ave, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Marilyn Jean	Williams	11761 Summerland Ave, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	John Lawrence		31916 Highway 3	Wainfleet	Ontario	L0S 1V0		
Ms.	Ashley	Wilson	11286 Golf Course Rd	Wainfleet	Ontario	L0S 1V0		
Mr.	Douglas Ronald		31445 Bell Rd	Wainfleet	Ontario	L0S 1V0		
	Barbara Ann	Winger	11345 Highway 3 W, RR 2	Port Colborne	Ontario	L3K 5V4		
Mr.	Charles Curtis	Winger	11554 Highway 3, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Teresa		58 Glenholme Ave	Toronto	Ontario	M6H 3A9		
Mr.	Edward S	Wolek	11993 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Ms.	Joan Diane		4791 William St Apt 216	Depew	NY USA	14043-4647		
Mr.	Erez	Yaron						erez.yaron@gmail.com
	David Alfred	Young	11282 Golf Course Rd, RR 2	Port Colborne	Ontario	L3K 5V4		,
Mr.	Luke Edward	Young	40927 Wilson Rd 10, RR 3	Wainfleet	Ontario	L0S 1V0		
	Henry	Zandvliet	11966 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
Mr.	Theodore Martin	Zandvliet	11836 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0		
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Title	First_Name	Last_Name	Address_Line_1	City	Province	Postal_Code Phone	Email
Mr.	Martin	Zandvliet	11976 Lakeshore Rd, RR 2	Wainfleet	Ontario	L0S 1V0	
Mr.	Juergen	Zierle	41391 Malowany Rd, RR 2	Wainfleet	Ontario	L0S 1V0	
Mr.	Dennis	Zierle	41399 Mallowany Rd, RR 3	Wainfleet	Ontario	L0S 1V0	
Mr.	Kenneth Walter	Zylstra	32363 Feeder Road West	Wainfleet	Ontario	L0S 1V0	
Mr.	Kenneth Walter	Zylstra	32363 Feeder Road West	Wainfleet	Ontario	L0S 1V0	



### **NOTICE OF PUBLIC MEETING #2**

## To be held by Wainfleet Wind Energy Inc. regarding a proposal to engage in a Renewable Energy Project

**Project Name: Wainfleet Wind Energy Project** 

Project Location: Township of Wainfleet, Niagara Region, Ontario

Dated at: Wainfleet this the 18th day of April 2012

**Wainfleet Wind Energy Inc.** is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the *Environmental Protection Act (ACT)* Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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.

### **Meeting Location:**

**Date:** June 19, 2012 **Time:** 3:00 p.m. - 8:00 p.m.

Place: Township of Wainfleet, Firefighters Memorial

Hall, 31907 Park Street, Wainfleet, ON

L0S 1V0

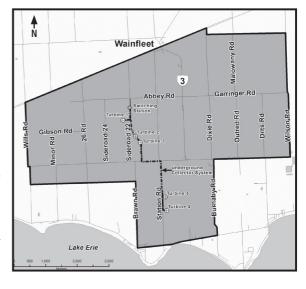
The meeting will be in an Open House format allowing attendees to visit any time during the event.

#### **Project Description:**

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total maximum name plate capacity of 9 MW. The project location is described in the map.

### **Documents for Public Inspection:**

The Draft Project Description Report (PDR) titled Wainfleet Wind Energy Project Draft Project Description Report describes the project as a wind energy facility, with 5 wind turbines proposed. The Vestas V100 1.8 MW turbine model has been selected as the preferred turbine model. A written



copy of the PDR was made available for public inspection on July 22, 2010 at the Township of Wainfleet Clerk's Office (31940 Highway #3, P.O. Box 40, Wainfleet, ON LOS 1V0). The PDR can also be viewed electronically on the project website at **www.wainfleetwindenergy.ca**.

Further, on behalf of Wainfleet Wind Energy Inc. the study team has prepared the following supporting documents in order to comply with the requirements of the Act and Regulation: Construction Plan Report, Design and Operations Report, Wind Turbine Specifications Report, Decommissioning Plan Report, Natural Heritage Assessment Report, Environmental Impact Study, Cultural Heritage Assessment Report, Archaeology Assessment Report and Noise Assessment Report. Written copies of the draft supporting documents are currently available for public inspection at the following locations:

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#### **Project Contacts and Information:**

To learn more about the project proposal, public meetings or to communicate concerns, please visit the project's website at **www.wainfleetwindenergy.ca** or contact:

Mr. Tom Lewis Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, ON L5N 5R1 tel: 905-607-1016

fax: 905-607-5995 e-mail: tom@ipcenergy.ca Ms. Britney Pringle Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, ON M2J 1T1 tol: 416-499-3110

tel: 416-499-3110 fax: 416-499-9658

e-mail: bpringle@morrisonhershfield.com

## REGIONAL NEWS



## SINGING FOR CHARI

Blues guitarist Steve Strongman entertains the crowd as they danced the night away at the Bluesganza presented by Autism Ontario's Niagara chapter. The event, held recently at the CAW Hall in St. Catharines, was to raise money for and promote awareness of Autism Spectrum Disorder.

Finalists have been announced for the Great Places in Canada contest, and Niagara-on-the-Lake's main drag is on the list.

More than 200,000 votes were received in the second annual contest put on by the Canadian Institute of Planners (CIP). In all, 90 nominations were received for the contest's three categories: great streets, great neighbourhoods and great public spaces. An expert panel of professional planners from CIP shortlisted 21, with five finalists in the street category and eight finalists named in each of the other two categories.

Niagara is represented only once on the list, with Niagaraon-the-Lake's Queen Street vying for the top position. It will go up against Osborne Street in Winnipeg, Man.; Queen Street in Fredericton, N.B.; Sussex Drive in Ottawa and Victoria Row (on Richmond Street) in Charlottetown, P.E.I.

'The public's response to this contest has been amazing. It's obvious that Canadians are fiercely proud of their streets, neighbourhoods and public spaces, and they want their favourite location to be named one of this country's great places," said Andrea Gabor, president of the CIP.

The winners will now be selected by a judging panel. Canada's Great Places, along with the People's Choice awards, will be announced at the end of April.

For more information and a full list of the finalists, visit www.GreatPlacesInCanada.com.



## Clean energy for life. **NOTICE OF PUBLIC MEETING #2**

To be held by Wainfleet Wind Energy Inc. regarding a proposal to engage in a Renewable Energy Project

**Project Name: Wainfleet Wind Energy Project** Project Location: Township of Wainfleet, Niagara Region, Ontario Dated at: Wainfleet this the 18th day of April 2012

Wainfleet Wind Energy Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the Environmental Protection Act (ACT) Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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.

## **Meeting Location:**

Date: June 19, 2012 Time: 3:00 p.m. - 8:00 p.m.

Place: Township of Wainfleet, Firefighters Memorial Hall, 31907 Park Street, Wainfleet, ON

LOS 1VO

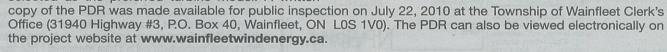
The meeting will be in an Open House format allowing attendees to visit any time during the event.

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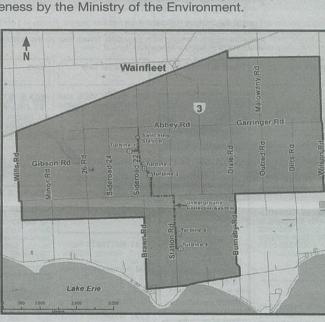
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## Meeting Location:

Date: June 19, 2012 Time: 3:00 p.m. - 8:00 p.m.

Place: Township of Wainfleet, Firefighters Memorial

Hall, 31907 Park Street, Wainfleet, ON

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Wainfleet

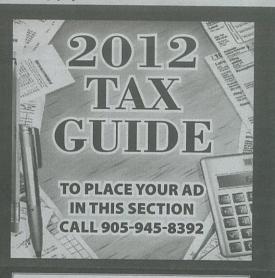
The News • April 18, 2012 Page 9

## COMMUNITY

Lakemount Sportsworld is going to the dogs this weekend.

The St. Catharines and District Kennel and Obedience Club is holding its annual obedience and rally trials at the Grimsby recreation complex from April 20-22. Dogs representing different breeds will be judged based on the requirements of the Canadian Kennel Club regulations. Successful dogs are able to add a title to their names. Twenty-one dogs over the age of seven will strut their talent during the Veteran's Celebration Saturday.

For more information contact Susan Lucas, show chairperson dylan@execulink.com, or Debbie Adkinson, trial secretary at stcathobtrial@sympatico.ca.



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HALDIMAND

COUNTY

54

## **ONTARIO GOVERNMENT NOTICE**

**Submission of Design and Construction Report** 

Highway 3 Cayuga: Replacement of the Grand River Bridge Detail Design Study, G.W.P. 3501-01-00

## THE STUDY

McCormick Rankin (MRC) has been retained by the Ontario Ministry of Transportation (MTO) to carry out the Detail Design for the replacement of the Grand River Bridge in Cayuga, Haldimand County, as shown in the key plan.

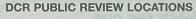
## THE STUDY PROCESS

This study follows the Class Environmental Assessment for Provincial Transportation Facilities (2000) (MTO Class EA) process for Group 'B' projects, under which approval for replacement of the bridge was obtained in September, 2008.

A Design and Construction Report (DCR) has been completed and is available for a 30-day

public review period beginning April 18, 2012, at the locations listed below. The DCR provides a description of the recommended design, construction staging and access plans, potential environmental impacts and proposed mitigation measures.

Not to Scale



The Corporation of Haldimand County Cayuga Administration Building 45 Munsee Street North P.O. Box 400 Cayuga, ON NOA 1E0

Six Nations of the Grand River **Territory First Nation** 

Six Nations Eco-Centre 2676 Fourth Line Ohsweken, ON NOA 1M0

Ministry of the Environment

West Central Region Hamilton Regional Office 119 King Street West, 12th Floor. Hamilton, ON L8P 4Y7

**Haldimand County Public Library** Cayuga Branch

38

28 Cayuga Street North Cayuga, ON NOA 1E0

**Ministry of Transportation West Region** Planning and Design Section 659 Exeter Road First Floor Lobby London, ON N6E 1L3

Interested persons are encouraged to review this document and provide comments by May 18, 2012. After the 30-day public review period has ended, construction can proceed contingent upon the receipt of all other required approvals and permits. If you wish to obtain additional information, or to provide comments, please contact:

Mr. Dan Green, P.Eng. Consultant Project Manager McCormick Rankin A Member of MMM Group Ltd. 72 Victoria Street South Kitchener, ON N2G 4Y9 tel: 519-741-1464 ext. 2234 toll-free: 1-866-741-8850 fax: 519-741-8884 e-mail: dgreen@mrc.ca

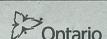
Mr. Scott Reid, P.Eng. Project Engineer Ministry of Transportation 659 Exeter Road London, ON N6E 1L3 tel: 519-873-4042 toll-free: 1-800-265-6072 fax: 519-873-4600 e-mail: scott.reid@ontario.ca

Mr. J.A. (Sandy) Nairn, MCIP, RPP Consultant Environmental Planner Ecoplans, A Member of MMM Group Ltd. 2655 North Sheridan Way Mississauga, ON L5K 2P8 tel: 905-829-6264 toll-free: 1-877-562-7947 ext. 1264 fax: 905-823-2669

e-mail: snairn@ecoplans.com Comments and information regarding this study will be collected to assist the Study Team. This material will be maintained on file for use during the study and may be included in study documentation. Information collected will be used in accordance with the Freedom of Information and Protection of Privacy Act and the Access to Information Act. With the exception of personal information, all comments will become part of the public record.

PN-2279-MORR

Ontario





## **NOTICE OF PUBLIC MEETING #2**

To be held by Wainfleet Wind Energy Inc. regarding a proposal to engage in a Renewable Energy Project

**Project Name: Wainfleet Wind Energy Project** Project Location: Township of Wainfleet, Niagara Region, Ontario Dated at: Wainfleet this the 18th day of April 2012

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## **Meeting Location:**

Date: June 19, 2012 Time: 3:00 p.m. - 8:00 p.m.

Place: Township of Wainfleet, Firefighters Memorial Hall, 31907 Park Street, Wainfleet,

ON LOS 1VO

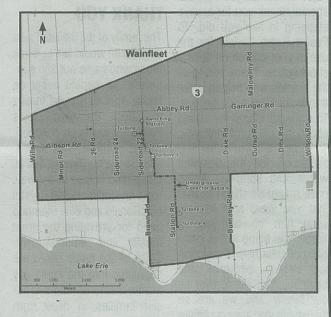
The meeting will be in an Open House format allowing attendees to visit any time during the event.

## **Project Description:**

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total maximum name plate capacity of 9 MW. The project location is described in the map.

## **Documents for Public** Inspection:

Description Report (PDR) titled Wainfleet Energy Wind Project Draft Project Description



Report describes the project as a wind energy facility, with 5 wind turbines proposed. The Vestas V100 1.8 MW turbine model has been selected as the preferred turbine model. A written copy of the PDR was made available for public inspection on July 22, 2010 at the Township of Wainfleet Clerk's Office (31940 Highway #3, P.O. Box 40, Wainfleet, ON LOS 1VO). The PDR can also be viewed electronically on the project website at www.wainfleetwindenergy.ca.

Further, on behalf of Wainfleet Wind Energy Inc. the study team has prepared the following supporting documents in order to comply with the requirements of the Act and Regulation: Construction Plan Report, Design and Operations Report, Wind Turbine Specifications Report, Decommissioning Plan Report, Natural Heritage Assessment Report, Environmental Impact Study, Cultural Heritage Assessment Report, Archaeology Assessment Report and Noise Assessment Report. Written copies of the draft supporting documents are currently available for public inspection at the following locations:

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## **Project Contacts and Information:**

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**Environmental Planner, MH Wainfleet Wind Energy Project** 235 Yorkland Boulevard, Suite 600 Toronto, ON M2J 1T1 tel: 416-499-3110 fax: 416-499-9658 e-mail: bpringle@morrisonhershfield.com



Brock women's hockey player Jessica Fickel of Fort Erie was named team MVP.

## BROCK HONOURS ITS ATHLETES

A rower and a wrestler were named Brock University's athletes of the year at the school's 45th annual Athletic Awards on March 28.

Women's wrestler Jade Parsons and men's rower Mike Lewis brought home the school's top athletic achievement.

Parsons won eight gold medals, which includes the Ontario University Athletic wrestling championships and the Canadian Interuniversity Sport championships.

Lewis led the Brock men's eight to a gold medal and was one part of a men's pair to win gold at the 2011 Canadian University Rowing Championships. Lewis and the men's eight captured their first gold since 2003 in a winning time of 5:42.25, which was just a second faster than the second-place finisher.

The school also hands out two trophies for the women's and men's team of the year.

The Badgers awarded the women's wrestling team the Chancellor's Cup after the group captured their fifth straight OUA title, and 12th in school history, including a national title at the CIS championships.

The Brock men's rowing team was given the President's Cup. At the OUA Championships, the Badgers captured seven medals in total including one gold and six silvers.

Niagara Falls native Vincenzo Coia, a fencer, was the recipient of the RM Davis Surgite Award, which is presented to the top male athlete that best combines athletics and academics. The top female athlete, Jessica Del Signore of the women's basketball team, is given the David Atkinson Surgite Award. Coia has received OUA Academic honours for five straight seasons. He was the recipient of the Mathematics and Science Dean's Medal and received the Distinguished Graduating Student Award in Mathematics in 2011.

Curling coach Murray Etherington, of Niagara Falls, was named the Coach of the Year. The Brock women's curling team has reached the podium at nationals for three straight seasons under his guidance.

Fort Erie's Jessica Fickel was named the Brock women's hockey team's MVP while Jack Gibson was named the Brock male golfer of the year.



PN-2279-MORR

## **NOTICE OF PUBLIC MEETING #2**

To be held by Wainfleet Wind Energy Inc. regarding a proposal to engage in a Renewable Energy Project

Project Name: Wainfleet Wind Energy Project
Project Location: Township of Wainfleet, Niagara Region, Ontario
Dated at: Wainfleet this the 18th day of April 2012

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## **Meeting Location:**

**Date:** June 19, 2012 **Time:** 3:00 p.m. - 8:00 p.m.

Place: Township of Wainfleet, Firefighters Memorial

Hall, 31907 Park Street, Wainfleet, ON

LOS 1V0

The meeting will be in an Open House format allowing attendees to visit any time during the event.

## **Project Description:**

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## **Documents for Public Inspection:**

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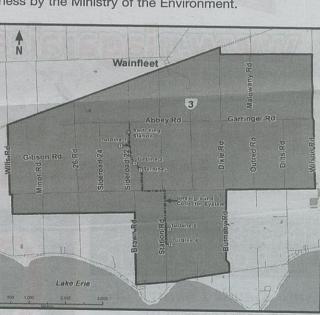
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e-mail: tom@ipcenergy.ca

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Environmental Planner, MH
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fax: 416-499-9658
e-mail: hpringle@morriconherehfield

e-mail: bpringle@morrisonhershfield.com



## life

## ADVICE

## Counselling won't work without honesty



this is for them. And don't forget how powerless they are to the capricious behaviour of their parents. Surely you can give them a commitment of six more months to try to repair your

them a communeto or section months to try to repair your marriage.

In the control of the contro

Send questions to askamy@ tribune.com or Ask Amy, Chicago Tribune, TT500, 435 N. Michigan Ave., Chicago, IL 60611

## ■ HEALTH: Dr. Gifford-Jones heard the sawing and hammering during his hip surgery

## From physician to patient

hen does a doctor fully realize the nature of a disease? Sir William Osle, distinct the nature of a disease? Sir William Osle, distinct Medil University, forms Hopkins and Oxford University, remarked that a doctor only fully understood a disease when he suitered from it himself. Having just fered from it himself. Having instead of the suiter of the suitered from it himself. Having instead of the suitered from the suitered



What night be upsetting for some patients was the buzzing of the saw that removed the upper part of my femur along with the arthritic ball-shaped acetabulum. This part would be replaced by the hip prosthesis. The part would be replaced by the hip prosthesis, the part of thigh bone.

My adrenaline went on high alort, however, when I heard the surgeous Is human to this large segment of thigh bone.

My adrenaline went on high alort, however, when I heard the surgeous Is human to the surgeous Is and the s



Be thankful that surgery is there when you need it — just make sure you require it. You might get more than you bargained for.

Be thankful that surgery is there when you need it — just make sure you require it. No might get more than you bragined for.

done every year in North America, most patients believe exchanging bone anatomy for a spare part is not a big deal. But don't rush to the OR. Thank the Almighty that surgery is there when you need it. Just make sure you require it. Too neever know you bragained for.

For instance, several years ago, Dr. Institu DeBeer, an orthopedic surgeon at McMaster University in Hamilton, Ont., the Cannalion Orthopedic Association. A worrying number of hips and knee replacement patients suffered heart attacks following the operation.

The majority of those state was the cannalion of the previous history of heart disease. This is not surprising since many patients undergoing hip replacement. This is not surprising since many patients undergoing hip replacement for the patients of the proposition of the patients and proposition of the patients of the patients and proposition of the patients of the patients and proposition of the

## Early seeding for cool weather veggies and flowers

The spring/summer weather we've had for the last 2½ months have let us be more leisurely in getting those necessary start up chores done including preparing the ground. It is still to early for the tender things to go in, witness some pretty childly nights we've had including frost.

His still to early for the tender things to go in, witness some pretty childly nights we've had including frost.

We can still do some planting right about now for things such as peas, spinach, which too often bolks with warm weather. These could have gene in the first of this month. A good substitute for the product of 


annuals produce more flowers as they are cut for bouquets, most of them should go well into summer. Hove the blue Larkspur and have it in the lower bed by the walk where it sends up its lovely spires well into August. By then it's let to set seed and that is gathered and re-sown at

the end of October in a newly prepared place. Both Larkspur and the annual poppy seem to do better letting the seed go through winter in the garden. The places where they are to go are prepared during garden clean-up then sown quite late, late October, early November, Done too early they sprout —

we don't want that.

The welcome showers we had this past weekend will get all these plants and seeds off to a good start.

Vivian Shoalts is a maste



## **NOTICE OF PUBLIC MEETING #2**

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## Meeting Location:

Meeting Location:

Date: June 19, 2012

Time: 3:00 p.m. - 8:00 p.m.

Place: Township of Wainfleet, Firefighters Memorial Hall,
31907 Park Street, Wainfleet, ON LOS 1/0

Documents for Public Inspection:
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Wainfleet Ormship Public Liberry, 31999 Park Street, P.O. Box 118, Wainfleet, ON LOS 1V0

Or electronically at www.wainfleetwindenergy.ca.

## Project Contacts and Information:

www.wainfleetwindenergy.ca or cont Mr. Tom Lowis Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, ON LSN 5R1 tel: 905-607-1016 fax: 905-607-5995 e-mail: tom@ipcenergy.ca

ntact:
Ms. Britney Pringle
Environmental Planner, MH
Wainfleet Wind Energy Project
235 Yorkland Boulevard, Suite 600
Toronto, On M2.1 T1
tle: 416-499-3110
fax: 416-499-9658
e-mail: bpringle@morrisonhershfield.com





## **NOTICE OF PUBLIC MEETING #2**

To be held by Wainfleet Wind Energy Inc. regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Wainfleet Wind Energy Project

Project Location: Township of Wainfleet, Niagara Region, Ontario

Dated at Wainfleet this the 18th day of April, 2012

Wainfleet Wind Energy Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the *Environmental Protection Act (ACT)* Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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.

## Meeting Location:

DATE: June 19, 2012 TIME: 3:00 p.m.-8:00 p.m.

PLACE: Township of Wainfleet, Firefighters Memorial Hall, 31907 Park Street, Wainfleet, Ontario, LOS 1V0

The Meeting will be in an Open House format allowing attendees to visit any time during the event.

## **Project Description:**

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total maximum name plate capacity of 9 MW. The project location is described in the map below.

## Documents for Public Inspection:

The Draft Project Description Report titled Wainfleet Wind Energy Project Draft Project Description Report describes the project as a wind energy facility, with 5 wind turbines proposed. The Vestas V100 1.8 MW turbine model has been selected as the preferred turbine model. A written copy of the Draft Project Description Report was made available for public inspection on July 22, 2010 at the Township of Wainfleet Clerk's Office (31940 Hwy. #3, P.O. Box 40, Wainfleet, Ontario, LOS 1V0). The draft Project Description Report can also be viewed electronically on the project website at <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>

Further, on behalf of Wainfleet Wind Energy Inc. the study team Has prepared the following supporting documents in order to comply with the requirements of the Act and Regulation:
Construction Plan Report, Design and Operations Report, Wind Turbine Specifications Report, Decommissioning Plan Report, Natural Heritage Assessment Report, Environmental Impact Study, Cultural Heritage Assessment Report, Archaeology Assessment Report, Noise Assessment Report. Written copies of the draft supporting documents are currently available for public inspection at the following locations:

- Township of Wainfleet, Clerks Office, 31940 Hwy. #3,
   P.O. Box 40, Wainfleet, Ontario, LOS 1V0
- Wainfleet Township Public Library, 31909 Park Street, P.O. Box 118, Wainfleet, ON LOS 1V0
- Or electronically at www.wainfleetwindenergy.ca

## Project Contacts and Information:

To learn more about the project proposal, public meetings, or to communicate concerns please visit the project's website at <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a> or contact:

## Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1 Office: (905) 607-1016

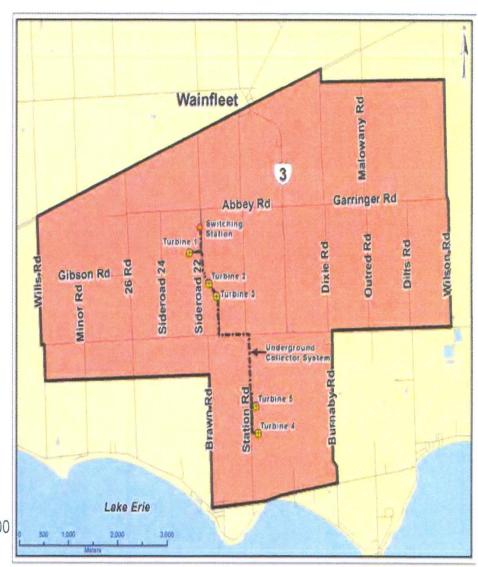
Fax: (905) 607-5995 E-mail: Tom@ipcenergy.ca

## Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: BPringle@morrisonhershfield.com



## national



BLAIR GABLE Reuters files Immigration Minister Jason Kenney on Tuesday dismissed arguments that Omar Khadr be compensated for his time in Guantanama Rau

## **Kenney rejects** calls to compensate Khadr

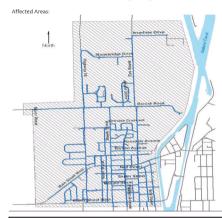
## Clean water tops enviro concerns: Poll





Residents are hereby notified that the Public Works Division personnel of the Engineering and Operations Department will be conducting fire flows which involves flushing hydrants. It will begin Thursday, May 24, 2012 at 8:00 am for a period of 4 hours. The affected areas are outlined below.

their tap until the water is clear. If there are any inquiries, please contact the Public Works Division a (905-835-5079).





## NOTICE OF DRAFT SITE PLAN and PUBLIC MEETING #2 To be held by Wainfleet Wind Energy Inc. regarding a Proposal to Engage in a Renewable Energy Project

http://sunmedia.newspaperdirect.com/epaper/services/OnlinePrintHandler.... 25/05/2012

## CAREERS & NOTICES



Clean energy for life.

## NOTICE OF DRAFT SITE PLAN and PUBLIC MEETING #2

To be held by Wainfleet Wind Energy Inc. regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Wainfleet Wind Energy Project Project Location: Township of Wainfleet, Niagara Region, Ontario Dated at Wainfleet this the 23rd day of May, 2012

Wainfleet Wind Energy Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the *Environmental Protection Act* (ACT) Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be distributed in accordance with Section 15 and 54.1 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment. The legal effect of the publishing of a notice is such that pursuant to Section 54(1.2) of the Regulation, Wainfleet Wind Energy Inc. does not have to take into account a noise receptor, as defined by the Regulation, that did not exist as of the day before Wainfleet Wind Energy Inc. published the Notice of Draft Site Plan in accordance with 54.1(c)(i) or (ii). Notice of Public Meeting #2 was originally published on the 18th day of April 2012.

## **Meeting Location:**

**Date:** June 19, 2012 **Time:** 3:00 p.m. to

8:00 p.m.

Place: Township of Wainfleet,
Firefighters
Memorial Hall,
31907 Park Street,

Wainfleet, ON LOS 1V0

The meeting will be in an open-house format allowing attendees to visit

## any time during the event. Project Description:

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total

Wainfleet

Wainfleet

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maximum name plate capacity of 9 MW. The project location is described in the map.

## **Documents for Public Inspection:**

The Draft Project Description Report titled Wainfleet Wind Energy Project Draft Project Description Report describes the project as a wind energy facility, with five wind turbines proposed, as well as supporting infrastructure, including access roads, underground collector system and switching station. The Vestas V100 1.8 MW turbine model has been selected as the preferred turbine model. A written copy of the Draft Project Description Report was made available for public inspection on July 22, 2010 at the Township of Wainfleet Clerk's Office (31940 Highway #3, P.O. Box 40, Wainfleet, ON LOS 1V0). The draft Project Description Report can also be viewed electronically on the project website at www.wainfleetwindenergy.ca.

Further, on behalf of Wainfleet Wind Energy Inc., the study team has prepared the following supporting documents in order to comply with the requirements of the Act and Regulation: Construction Plan Report, Design and Operations Report, Wind Turbine Specifications Report, Decommissioning Plan Report, Natural Heritage Assessment Report, Environmental Impact Study, Cultural Heritage Assessment Report, Archaeology Assessment Report, and Noise Assessment Report. Written copies of the draft supporting documents and Draft Site Plan are currently available for public inspection at the following locations:

- Township of Wainfleet, Clerk's Office, 31940 Highway #3, P.O. Box 40, Wainfleet, ON LOS 1V0
- Wainfleet Township Public Library, 31909 Park Street, P.O. Box 118, Wainfleet, ON L0S 1V0
- Or electronically at www.wainfleetwindenergy.ca

## **Project Contacts and Information:**

To learn more about the project proposal, draft site plan, public meetings, or to communicate questions or concerns please visit the project's website at **www.wainfleetwindenergy.ca** or contact:

Mr. Tom Lewis
Project Manager, IPC Energy
Wainfleet Wind Energy Project
2550 Argentia Road, Suite 105
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e-mail: bpringle@morrisonhershfield.com

## **ONTARIO GOVERNMENT NOTICE**

NOTICE OF STUDY COMMENCEMENT
Waterloo-Wellington-Brant Passenger-Vehicle
Origin-Destination Survey

## THE STUDY

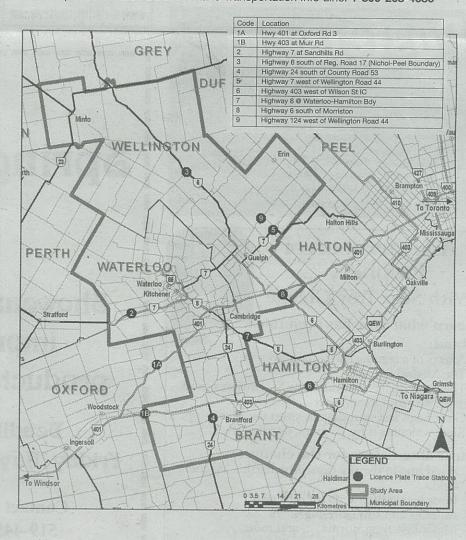
The Ontario **Ministry of Transportation (MTO)** Planning Branch is preparing to launch the Waterloo-Wellington-Brant Passenger-Vehicle Origin-Destination (O-D) Survey. Participation in the Survey is completely voluntary.

The Survey stations for the Study Area are shown on the key map. Collected data will provide valuable information for developing an area-wide transportation planning study in the future.

The data collection program consists of ten survey stations strategically located on provincial highways and municipal roads across the Waterloo-Wellington-Brant and surrounding area. Weekday trip characteristics of a randomly selected sample of motorists travelling through the stations will be collected. Survey stations will be in operation for one weekday (Tuesday to Thursday) in the months of May and June of 2012.

The Survey methodology involves recording licence plate numbers of a sample of cars travelling through the survey stations, identifying the vehicle owner's surname and address information, and mailing a package to the vehicle owner's home address containing a questionnaire and a pre-paid postage return envelope. The Survey is voluntary and all information is protected.

**NOTE:** Surveys are conducted under strict confidentiality, with measures in place to protect private information. Information collected is protected under the *Freedom of Information and Protection of Privacy Act*. For further information, please contact: ServiceOntario Transportation Info Line: **1-800-268-4686** 





PN-2733-MORR



## **NOTICE OF PUBLIC MEETING #2**

To be held by Wainfleet Wind Energy Inc. regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Wainfleet Wind Energy Project

Project Location: Township of Wainfleet, Niagara Region, Ontario

Dated at Wainfleet this the 18th day of April, 2012

Wainfleet Wind Energy Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the *Environmental Protection Act (ACT)* Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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.

## Meeting Location:

DATE: June 19, 2012 TIME: 3:00 p.m.-8:00 p.m.

PLACE: Township of Wainfleet, Firefighters Memorial Hall, 31907 Park Street, Wainfleet, Ontario, LOS 1V0

The Meeting will be in an Open House format allowing attendees to visit any time during the event.

## Project Description:

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total maximum name plate capacity of 9 MW. The project location is described in the map below.

## Documents for Public Inspection:

The Draft Project Description Report titled Wainfleet Wind Energy Project Draft Project Description Report describes the project as a wind energy facility, with 5 wind turbines proposed. The Vestas V100 1.8 MW turbine model has been selected as the preferred turbine model. A written copy of the Draft Project Description Report was made available for public inspection on July 22, 2010 at the Township of Wainfleet Clerk's Office (31940 Hwy. #3, P.O. Box 40, Wainfleet, Ontario, LOS 1V0). The draft Project Description Report can also be viewed electronically on the project website at <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>

Further, on behalf of Wainfleet Wind Energy Inc. the study team Has prepared the following supporting documents in order to comply with the requirements of the Act and Regulation:
Construction Plan Report, Design and Operations Report, Wind Turbine Specifications Report, Decommissioning Plan Report, Natural Heritage Assessment Report, Environmental Impact Study, Cultural Heritage Assessment Report, Archaeology Assessment Report, Noise Assessment Report. Written copies of the draft supporting documents are currently available for public inspection at the following locations:

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- Wainfleet Township Public Library, 31909 Park Street, P.O. Box 118, Wainfleet, ON LOS 1V0
- Or electronically at <u>www.wainfleetwindenergy.ca</u>

## Project Contacts and Information:

To learn more about the project proposal, public meetings, or to communicate concerns please visit the project's website at <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a> or contact:

## Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1 Office: (905) 607-1016

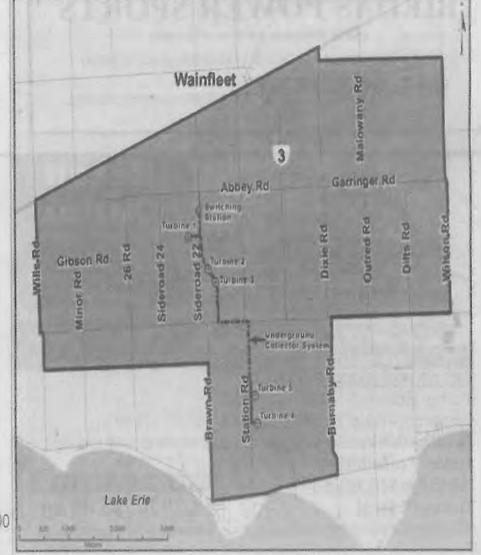
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E-mail: BPringle@morrisonhershfield.com





Greg White is shown with some of his vibrant roses in his back yard. The annual Thorold Horticultural Society Rose and Flower Show on June 20 has a theme this

## Rose, flower show gets royal treatment

BY PAUL FORSYTH STAFF

Greg White does all the right things to make his stunning roses as glorious as flowers can get: he prunes them, feeds them bone meal in the early spring, and gives them rose food after the first blooms of the season.

But the Thorold resident has a trick up his sleeve.

"The secret of growing roses is sheep manure," he said, as he displayed a chesthigh grandiflora rose bush with bright yellow-peach petals. Each fall, White applies the manure and builds it up to protect the bushes' roots. In the spring, he levels it off.

Not that even White's green thumb is infallible: it's not uncommon for some of his rose bushes to suffer winter kill on particularly nasty winters. But some of his rose bushes are still blooming after a half century.

"I have four I planted in 1961 and they're still growing," he said.

All told, White has about 150 rose bushes in his back yard in dozens of varieties and colours, from his favourite — big, yellow South Africa — to tea roses and Kleopatra. One of his varieties will be especially fitting for this year's Thorold Horticultural Society

annual Rose and Flower Show: Royal Highness. That's because the theme to this year's flower show, taking place on Wednesday, June 20 at Holy Rosary Hall, is 'Queen's Diamond Jubilee,' marking Queen Elizabeth's 60th year as monarch.

The flower show, which has been an annual rite for more than 40 years, is open to the public from 6-8 p.m. and will feature a gorgeous array of roses in white, yellow, pink, orange, mauve, apricot, white and red. The judged show will also have exhibits of perennials such as peonies, lilies, shasta daisies and coral bells, as well as exhibits of vegetables such as herbs, green onions and rad-

There will also be a section for arrangements with roses in themes such as 'Queen's Bouquet' (a bouquet the queen might carry), and 'Royal Reception' (an arrangement suitable for a head table).

Other arrangements with garden flowers will include themes such as 'God Bless the Queen' and 'On the Thames.' There will also be a class for decorated hats or fascinators along the lines of those that ladies wear to the Royal Ascot

Admission to the show is free. Strawberries and cream will be available for purchase.

PN-2279-MORR



## **NOTICE OF PUBLIC MEETING #2**

To be held by Wainfleet Wind Energy Inc. regarding a proposal to engage in a Renewable Energy Project

Project Name: Wainfleet Wind Energy Project Project Location: Township of Wainfleet, Niagara Region, Ontario Dated at: Wainfleet this the 18th day of April 2012

Wainfleet Wind Energy Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the Environmental Protection Act (ACT) Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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.

## **Meeting Location:**

Date: June 19, 2012 Time: 3:00 p.m. - 8:00 p.m.

Place: Township of Wainfleet, Firefighters Memorial Hall, 31907 Park Street, Wainfleet, ON

The meeting will be in an Open House format allowing attendees to visit any time during the event.

## **Project Description:**

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total maximum name plate capacity of 9 MW. The project location is described in the map.

## **Documents for Public Inspection:**

The Draft Project Description Report (PDR) titled Wainfleet Wind Energy Project Draft Project Description Report describes the project as a wind energy facility, with 5 wind turbines proposed. The Vestas V100 1.8 MW turbine model has been selected as the preferred turbine model. A written

copy of the PDR was made available for public inspection on July 22, 2010 at the Township of Wainfleet Clerk's Office (31940 Highway #3, P.O. Box 40, Wainfleet, ON LOS 1V0). The PDR can also be viewed electronically on the project website at www.wainfleetwindenergy.ca.

Further, on behalf of Wainfleet Wind Energy Inc. the study team has prepared the following supporting documents in order to comply with the requirements of the Act and Regulation: Construction Plan Report, Design and Operations Report, Wind Turbine Specifications Report, Decommissioning Plan Report, Natural Heritage Assessment Report, Environmental Impact Study, Cultural Heritage Assessment Report, Archaeology Assessment Report and Noise Assessment Report. Written copies of the draft supporting documents are currently available for public inspection at the following locations:

- Township of Wainfleet, Clerk's Office, 31940 Highway #3, P.O. Box 40, Wainfleet, ON LOS 1V0
- Wainfleet Township Public Library, 31909 Park Street, P.O. Box 118, Wainfleet, ON LOS 1V0

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## **Project Contacts and Information:**

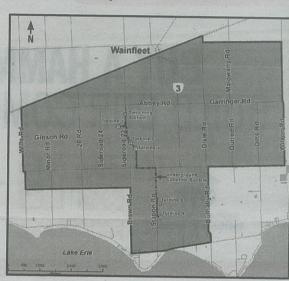
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Mr. Tom Lewis Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, ON L5N 5R1 tel: 905-607-1016 fax: 905-607-5995

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## DIGGING

Expecting parents Melissa and Colin Roepke, checked out the table of Isobel and Claire Mather at the Mom to Mom sale held at Grand Avenue School last month. There was also face painting and baked goods available at the event.

PHOTO BY DEE SCHUT











Check out all of the great deals in our classifieds!

classifieds 905.688.0565





## **Notice of Liquor Licence Application**

The following establishment has applied to the Alcohol and Gaming Commission of Ontario for a liquor licence under the Liquor Licence Act.

## **Application for a Sales Licence**

**GRIMSBY THAI RESTAURANT** 155 MAIN STREET EAST, UNIT 103 GRIMSBY (Indoor area)

Any resident of the municipality may make a written submission as to whether the issuance of the licence is in the public interest having regard to the needs and wishes of the residents. Submissions must be received no later than July 4, 2012. Please include your name, address and telephone number. If a petition is submitted to the Commission, please identify the designated contact person. Note: The AGCO gives the applicant copies of any objections. Anonymous objections are not considered.

The personal information gathered is collected under the authority of the Liquor Licence Act. The principal purpose of the collection is to assess eligibility for the issuance of a liquor sales licence. Copies of all objections are given to the applicant. The information may also be disclosed pursuant to the Freedom of Information and Protection of Privacy Act. Questions about this collection should be directed to the Manager, Licensing and Registration, Alcohol and Gaming Commission of Ontario at the address, telephone numbers or e-mail address listed below.

Submissions to be sent to: Licensing and Registration, Alcohol and Gaming Commission of Ontario, 90 Sheppard Avenue East, Suite 200, Toronto, ON M2N 0A4. Tel: 416-326-8700 OR Toll-free in Ontario: 1-800-522-2876. Fax: 416-326-5555. E-mail: licensing@agco.on.ca



## **NOTICE OF PUBLIC MEETING #2**

To be held by Wainfleet Wind Energy Inc. regarding a proposal to engage in a Renewable Energy Project

Project Name: Wainfleet Wind Energy Project Project Location: Township of Wainfleet, Niagara Region, Ontario Dated at: Wainfleet this the 18th day of April 2012

Wainfleet Wind Energy Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the Environmental Protection Act (ACT) Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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.

Wainfleet

## **Meeting Location:**

Date: June 19, 2012

Time: 3:00 p.m. - 8:00 p.m.

Place: Township of Wainfleet, Firefighters Memorial Hall, 31907 Park Street, Wainfleet, ON

The meeting will be in an Open House format allowing attendees to visit any time during the event.

## **Project Description:**

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total maximum name plate capacity of 9 MW. The project location is described in the map.

## **Documents for Public Inspection:**

The Draft Project Description Report (PDR) titled Wainfleet Wind Energy Project Draft Project Description Report describes the project as a wind energy facility, with 5 wind turbines proposed. The Vestas V100 1.8 MW turbine model has been selected as the preferred turbine model. A written

copy of the PDR was made available for public inspection on July 22, 2010 at the Township of Wainfleet Clerk's Office (31940 Highway #3, P.O. Box 40, Wainfleet, ON LOS 1V0). The PDR can also be viewed electronically on the project website at www.wainfleetwindenergy.ca.

Further, on behalf of Wainfleet Wind Energy Inc. the study team has prepared the following supporting documents in order to comply with the requirements of the Act and Regulation: Construction Plan Report, Design and Operations Report, Wind Turbine Specifications Report, Decommissioning Plan Report, Natural Heritage Assessment Report, Environmental Impact Study, Cultural Heritage Assessment Report, Archaeology Assessment Report and Noise Assessment Report. Written copies of the draft supporting documents are currently available for public inspection at the following locations:

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CLASSIFIEDS = CASH (\$ classifieds 905.688.0565



## CAREERS & NOTICES





## **NOTICE OF PUBLIC MEETING #2**

To be held by Wainfleet Wind Energy Inc. regarding a proposal to engage in a Renewable Energy Project

**Project Name: Wainfleet Wind Energy Project** Project Location: Township of Wainfleet, Niagara Region, Ontario Dated at: Wainfleet this the 18th day of April 2012

Wainfleet Wind Energy Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the Environmental Protection Act (ACT) Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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.

## **Meeting Location:**

Date: June 19, 2012 Time: 3:00 p.m. - 8:00 p.m.

Place: Township of Wainfleet, Firefighters Memorial Hall, 31907 Park Street, Wainfleet,

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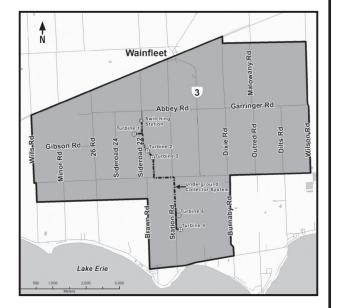
The meeting will be in an Open House format allowing attendees to visit any time during the event.

## **Project Description:**

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total maximum name plate capacity of 9 MW. The project location is described in the map.

## **Documents for Public** Inspection:

The Draft Project Description Report titled Wainfleet (PDR) Wind Energy Proiect Draft Project Description



Report describes the project as a wind energy facility, with 5 wind turbines proposed. The Vestas V100 1.8 MW turbine model has been selected as the preferred turbine model. A written copy of the PDR was made available for public inspection on July 22, 2010 at the Township of Wainfleet Clerk's Office (31940 Highway #3, P.O. Box 40, Wainfleet, ON LOS 1V0). The PDR can also be viewed electronically on the project website at www.wainfleetwindenergy.ca.

Further, on behalf of Wainfleet Wind Energy Inc. the study team has prepared the following supporting documents in order to comply with the requirements of the Act and Regulation: Construction Plan Report, Design and Operations Report, Wind Turbine Specifications Report, Decommissioning Plan Report, Natural Heritage Assessment Report, Environmental Impact Study, Cultural Heritage Assessment Report, Archaeology Assessment Report and Noise Assessment Report. Written copies of the draft supporting documents are currently available for public inspection at the following locations:

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## **Project Contacts and Information:**

To learn more about the project proposal, public meetings or to communicate concerns, please visit the project's website at www.wainfleetwindenergy.ca or contact:

Mr. Tom Lewis **Project Manager, IPC Energy Wainfleet Wind Energy Project** 2550 Argentia Road, Suite 105 Mississauga, ON L5N 5R1 tel: 905-607-1016 fax: 905-607-5995

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e-mail: bpringle@morrisonhershfield.com

## PEACE OF MIND

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CURRENT RATE 1.25%

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April 13, 2012

«Title» «First Name» «Last Name»
«Address\_Line\_1»
«City», «Province»
«Postal Code»

Dear «Title» «Last Name»:

## Re: Notice of Public Meeting #2 for the Wainfleet Wind Energy Project

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total of five (5) turbines with a maximum name plate capacity of 9 MW. The project location is described in the map in the attached notice.

The purpose of this letter and attached notice is to inform you that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project, how you can obtain further information on the project, and to invite you to attend the Project's Second Public Open House.

If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. The Public Open House will provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. We appreciate your input and welcome your attendance at the Public Open House scheduled for:

Date: **June 19, 2012** Time: **3:00 pm to 8:00 pm** 

Location: Township of Wainfleet, Firefighters Memorial Community Hall

31907 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meeting, or to communicate questions or comments, please contact us.

## Yours truly,

## Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: tom@ipcenergy.ca

## **Ms. Britney Pringle**

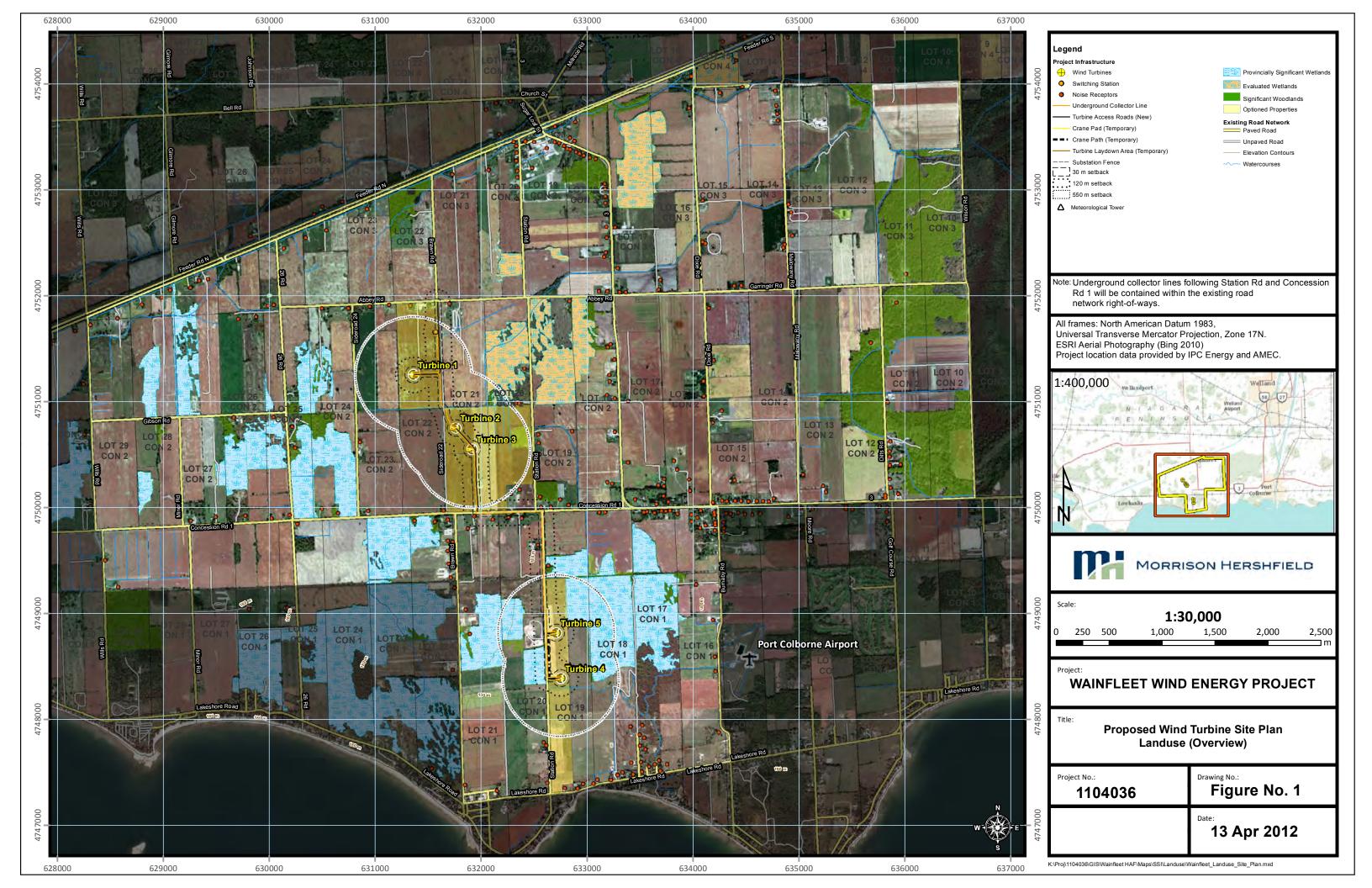
Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com

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## **NOTICE OF PUBLIC MEETING #2**

To be held by Wainfleet Wind Energy Inc. regarding a

Proposal to Engage in a Renewable Energy Project

Wainfleet Wind Energy Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the Environmental Protection Act (ACT) Part V.0.1 and Ontario Regulation 359/09 (Regulation).

Meeting Location: DATE: June 19, 2012

TIME: 3:00 p.m.-8:00 p.m.

PLACE: Township of Wainfleet, Firefighters Memorial Hall, 31907 Park Street, Wainfleet, Ontario, LOS 1V0

The Meeting will be in an Open House format allowing attendees to visit any time during the event.



Wainfleet Wind Energy Project Township of Wainfleet, Niagara Region, ON

Project Description:
Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If

## **Documents for Public Inspection:**

- Construction Plan Report,
- Design and Operations Report,
- Wind Turbine Specifications Report,
- Decommissioning Plan Report,
- Natural Heritage Assessment Report,
- Environmental Impact Study,
- Cultural Heritage Assessment Report,
- Archaeology Assessment Report,
- Noise Assessment Report.

public inspection at the following locations

- Township of Wainfleet, Clerks Office, 31940 Hwv. #3.
- P.O. Box 40, Wainfleet, Ontario, LOS 1V0

  · Wainfleet Township Public Library, 31909 Park Street, P.O. Box 118, Wainfleet, ON LOS 1VO

To learn more about the project proposal, public meetings vw.wainfleetwindenergy.ca or contact:

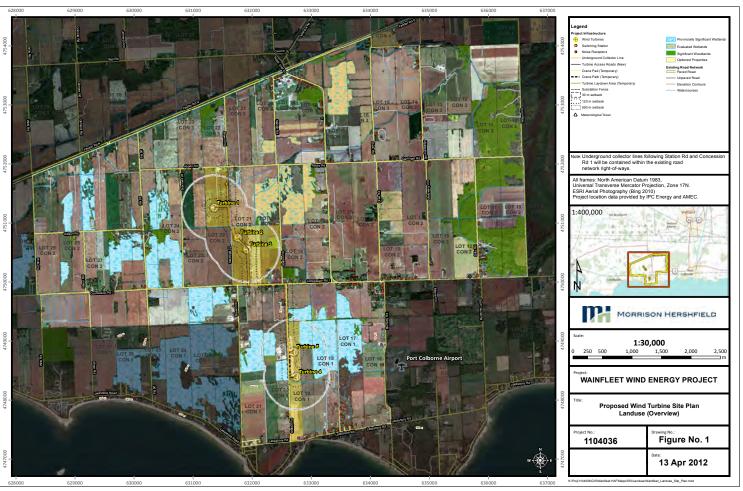
Mr. Tom Lewis Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1 Office: (905) 607-1016 Fax: (905) 607-5995

235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1 Office: (416) 499-3110

Ms. Britney Pringle

Environmental Planner, MH

Fax: (416) 499-9658



www.wainfleetwindenergy.ca







## **NOTICE OF PUBLIC MEETING #2**

To be held by Wainfleet Wind Energy Inc. regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Wainfleet Wind Energy Project Project Location: Township of Wainfleet, Niagara Region, Ontario Dated at Wainfleet this the 18<sup>th</sup> day of *April, 2012* 

Wainfleet Wind Energy Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the *Environmental Protection Act (ACT)* Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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.

## Meeting Location:

DATE: June 19, 2012 TIME: 3:00 p.m.-8:00 p.m.

PLACE: Township of Wainfleet, Firefighters Memorial Hall, 31907 Park Street, Wainfleet, Ontario, LOS 1V0

The Meeting will be in an Open House format allowing attendees to visit any time during the event.

## Project Description:

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total maximum name plate capacity of 9 MW. The project location is described in the map below.

## Documents for Public Inspection:

The Draft Project Description Report titled Wainfleet Wind Energy Project Draft Project Description Report describes the project as a wind energy facility, with 5 wind turbines proposed. The Vestas V100 1.8 MW turbine model has been selected as the preferred turbine model. A written copy of the Draft Project Description Report was made available for public inspection on July 22, 2010 at the Township of Wainfleet Clerk's Office (31940 Hwy. #3, P.O. Box 40, Wainfleet, Ontario, LOS 1V0). The draft Project Description Report can also be viewed electronically on the project website at <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>

Further, on behalf of Wainfleet Wind Energy Inc. the study team Has prepared the following supporting documents in order to comply with the requirements of the Act and Regulation:
Construction Plan Report, Design and Operations Report, Wind Turbine Specifications Report, Decommissioning Plan Report, Natural Heritage Assessment Report, Environmental Impact Study, Cultural Heritage Assessment Report, Archaeology Assessment Report, Noise Assessment Report. Written copies of the draft supporting documents are currently available for public inspection at the following locations:

- Township of Wainfleet, Clerks Office, 31940 Hwy. #3, P.O. Box 40, Wainfleet, Ontario, LOS 1V0
- Wainfleet Township Public Library, 31909 Park Street, P.O. Box 118, Wainfleet, ON LOS 1V0
- Or electronically at www.wainfleetwindenergy.ca

## **Project Contacts and Information:**

To learn more about the project proposal, public meetings, or to communicate concerns please visit the project's website at www.wainfleetwindenergy.ca or contact:

## Mr. Tom Lewis

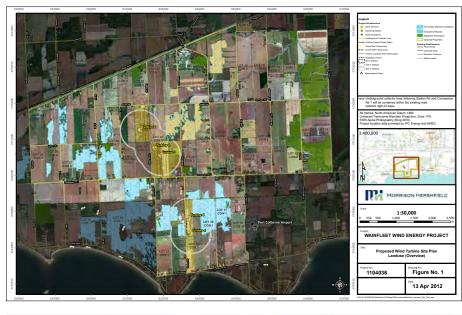
Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1 Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: Tom@ipcenergy.ca

## Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: BPringle@morrisonhershfield.com



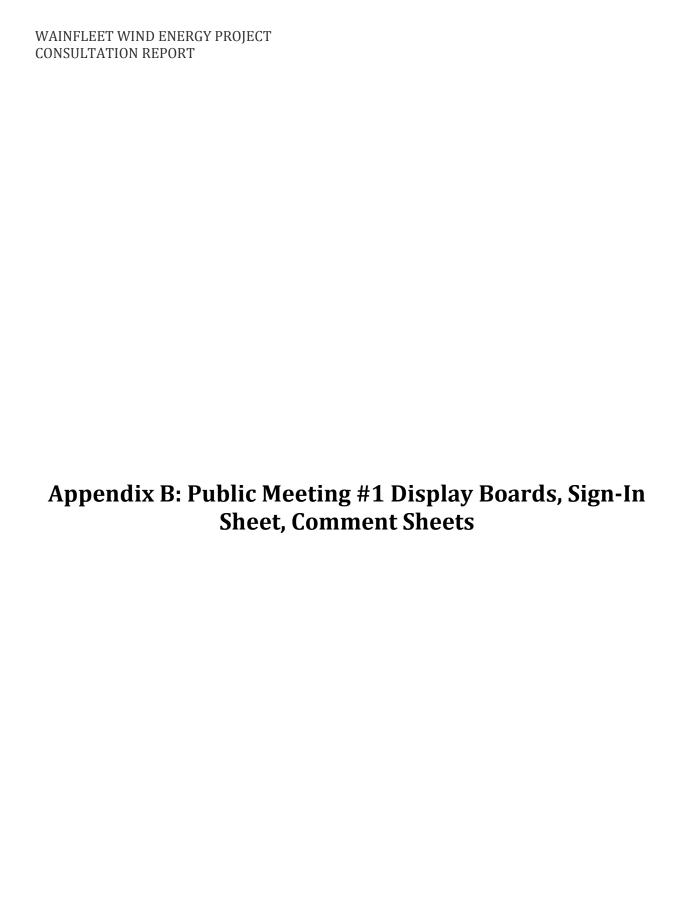




## www.wainfleetwindenergy.ca













# Welcome To The Public Open House For The Wainfleet Wind Energy Project

## August 24, 2010



## Objectives of Open House:

- Introduce Wainfleet Wind Energy Inc. and IPC Energy.
- Present an overview of Wainfleet Wind Energy Project.
- Share status of ongoing project environmental studies and outline future work required.
- Receive public input and feedback to incorporate into the project's design, where economically feasible.







# PROJECT OVERVIEW FOR WAINFLEET WIND ENERGY PROJECT

- Wainfleet Wind Energy Inc. is proposing to develop a 10 MW wind farm located south of the Community of Wainfleet, in the Township of Wainfleet, Niagara Region.
- The project is subject to Ontario Regulation 359/09 Renewable Energy Approvals (REA) under Part V.0.1 of the Ontario Environmental Protection Act.
- Wainfleet Wind Energy Inc. is seeking *Renewable Energy*Approval from the Ministry of the Environment (MOE).
- Required studies and documents will be submitted to MOE by December 2010. If approved, the project proceeds to construction in 2011.
- The Project would include up to five (5) wind turbines, with all project components installed on privately-owned agricultural lots within the study area.







## **WAINFLEET STUDY AREA**



- The study area consists of approximately 3400 hectares of primarily agricultural fields.
- The land inside the study area is mostly flat, with an elevation of 174m to 182m above mean sea level.



MORRISON HERSHFIELD

# **ENERGY - PROJECT SCOPE** WAINFLEET WIND

feeding into the Hydro One distribution system. Currently there are three turbine models under consideration for this project. The project would provide electricity to over 2500 homes by

Project Capacity: 10 Megawatts

**Project Type:** Class 4 Wind Facility (under REA)

Number of Turbines: Up to five (5)

Technology: Gamesa G90, 2.0 Megawatt

Samsung, 2.5 Megawatt

Vestas V100, 1.8 Megawatt

Hub Height: Gamesa 78m and 100m

Samsung 80m

Vestas 80m and 95m

Rotor Diameter: Gamesa 90m

Samsung 90m

Vestas 100m

Annual Energy Production: 26 Million kWh







# ABOUT WAINFLEET WIND ENERGY INC.

- Wainfleet Wind Energy
  Inc., (the proponent of the
  Wainfleet Wind Energy
  Project) is owned by
  members of the Loeffen
  family, who are long-time
  local residents.
- Loeffen Farms has been committed to environmental and ecological innovation since its establishment in the 1950s.
- Incorporating green wind power generation into their business reflects the family's ongoing commitment towards sustainable and environmentally-friendly operations.

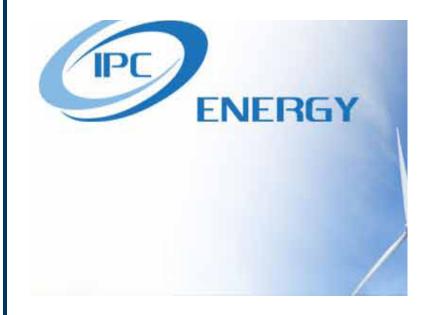






## **ABOUT IPC ENERGY**

- IPCEnergy (IPC), developer of the Wainfleet Wind Energy Project, was established in 2005.
- We offer an experienced and qualified team for developing wind projects.
- We deliver efficient and cost competitive energy in an environmentally responsible manner.
- We believe wind energy will provide a safe, viable and economic alternative to other forms of electrical generation.
- Wind power is already an important component of energy in Europe, and is becoming a major industry in Canada.









## MAKING ONTARIO A GLOBAL LEADER IN RENEWABLE ENERGY

- Ontario's Green Energy and Green Economy Act was passed in May, 2009, to promote the development of a sustainable energy economy and to regulate the province's renewable energy practices.
- Strategy seeks to phase out coal-fired generation by 2014 and assist the province with meeting its greenhouse gas reduction targets.
- The Act includes the Renewable Energy Approval (REA) regulation, ensuring that developers continue to have high safety standards, protect environmentally valued features and engage communities.







# ABOUT THE RENEWABLE ENERGY APPROVAL

The Renewable Energy Approval (REA)
is a streamlined government approvals
process which provides service
guarantees for renewable energy
projects.

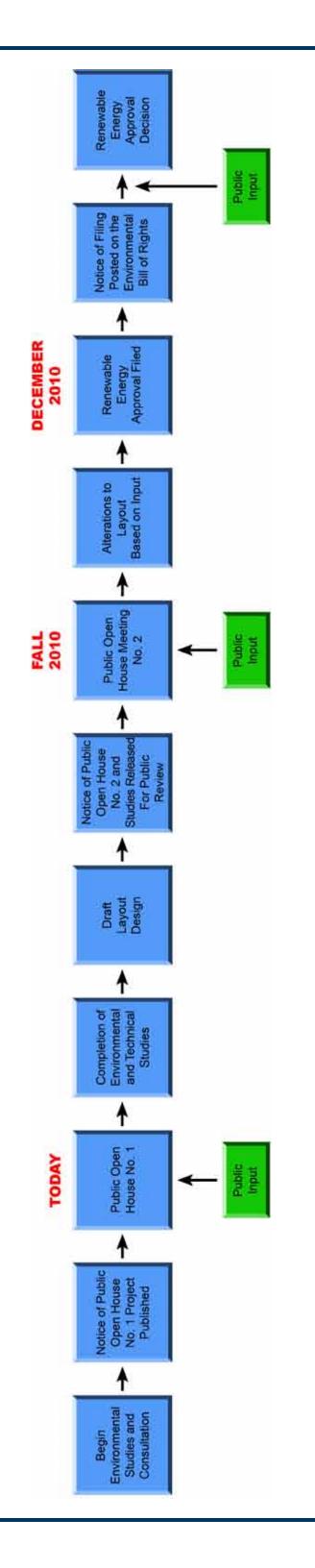


- The REA is issued by the Ministry of the Environment, and is used by the provincial government for most renewable energy projects.
- The Ontario Power Authority (OPA) issues contracts under the province's new Feed In Tariff (FIT) program to purchase power at guaranteed rates over 20 years from wind, solar and bio-energy facilities.





# ONTARIO RENEWABLE ENERGY APPROVAL PROCESS











# KEY COMPONENTS OF A TURBINE

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# WIND ENERGY - HOW THE TECHNOLOGY WORKS

- A computer turns the rotor to face the wind.
- The blades begin to rotate when winds reach km/h. approximately 8
- nerator through a gearbox and Inside the nacelle, the blades propel a shaft converts the mechanical power to electrical that drives a ger power.
- carried down the cables inside The electricity is the tower.
- Underground distribution lines carry the power grid. to the electrical







## PROJECT FACILITIES, EQUIPMENT AND TECHNOLOGY

The major components of the project are as follows:

- Meteorological Tower
- Wind Turbines
- Collector Systems
- Pad Mount Transformers
- Distribution Systems
- Turbine Access Roads
- Supervision Control and Data Acquisition (SCADA)/Operations Building



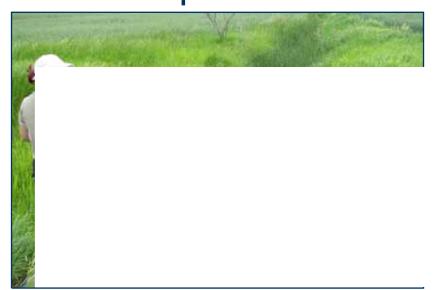




## PROJECT LIFE CYCLE

The Project includes four main phases:

1. Development Phase



2. Construction Phase



3. Operations Phase

4. Decommissioning Phase







## **DEVELOPMENT PHASE**

The Development Phase of the project includes all the assessments and plans stipulated under the *Renewable Energy Approval (REA)* requirements and best management practices. These generally include:

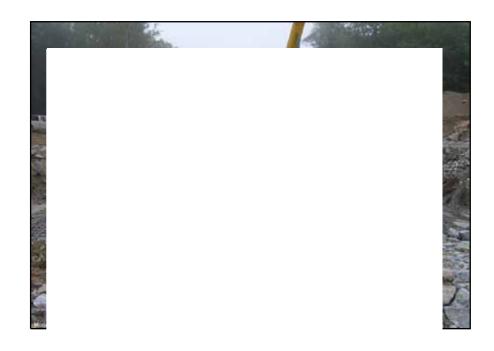
- Land Acquisition
- Site Prospecting
- Wind Resource Assessment
- Feasibility Study
- Preliminary Records Review
- Community Relations
- Permitting
- Project Description
- Public and Agency Consultation
- Natural Heritage Assessment
- Cultural Heritage Assessment
- Archaeological Assessment
- Noise Assessment
- Environmental Impact Assessment
- Wind Turbine Specification Report
- Construction Plan
- Design and Operations Report
- Decommissioning Plan







## **CONSTRUCTION PHASE**



The Construction Phase of the project includes all the activities from initial work planning, to testing of the wind energy project before commissioning.

The main activities during this phase include:

- Transportation
- New Road Building
- Installation of Wind Turbines
- Installation of Electrical Networks and Switch Stations

Further details on the Construction Phase will be presented in the Construction Plan Report.







## **OPERATIONS PHASE**

The Operations Phase involves activities including regular maintenance, operation and examination of the project's facilities.

During the operations phase:

- Regular planned maintenance will occur on a quarterly basis
- Additional visits will occur as required
- More significant operations and maintenance tasks are planned at 5, 10, and 15 year intervals

Further details on the Operations Phase will be presented in the Design and Operations Report.







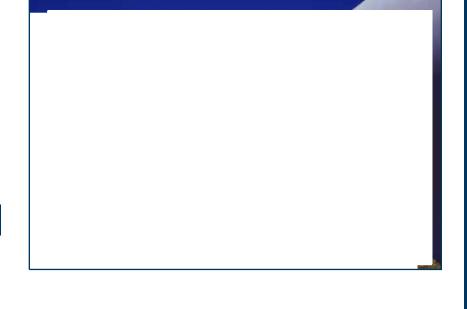


## **DECOMMISSIONING PHASE**

The Decommissioning Phase includes the disassembly, dismantling, and restoration of each wind turbine location. This will take place once the life cycle of the facility has expired.

The decommissioning of this Project may require the dismantling of facility components such as:

- Turbines
- Concrete foundations
- Switching station
- Overhead and/or underground electrical network



Further details on the Decommissioning Phase will be presented in the Decommissioning Plan Report.







## PRELIMINARY RECORDS REVIEW AND PRE-CONSULTATION

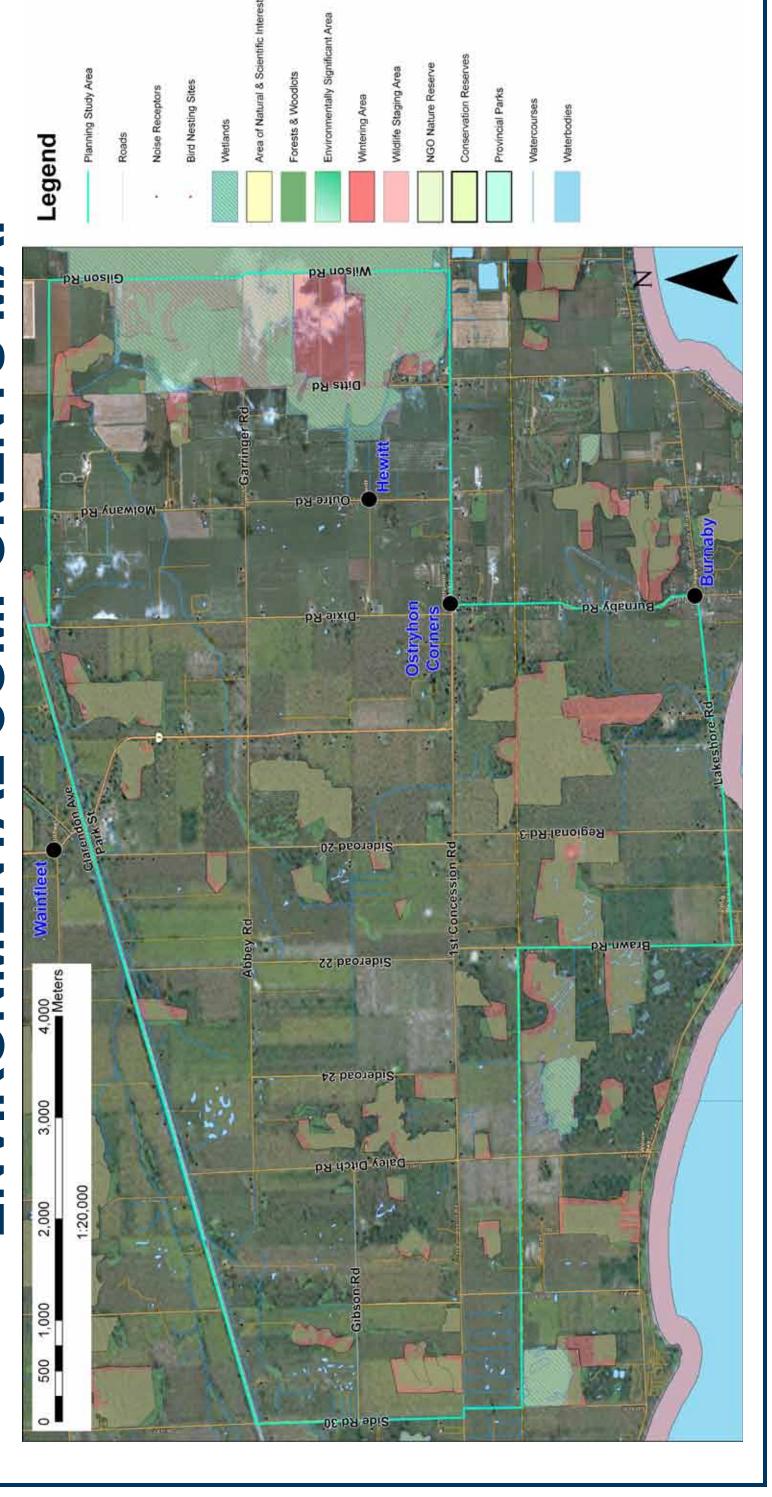
During the Development Phase of the project, a Preliminary Records Review and Pre-Consultation with Agencies was undertaken. The purpose of this was to obtain preliminary information about the potential environmental effects that may result from the project.

Data has been obtained the locations of environmental features and the geography of the project location and is presented on the "Environmental Components Ma" display board.





## RONMENTAL COMPONENTS MAP N W

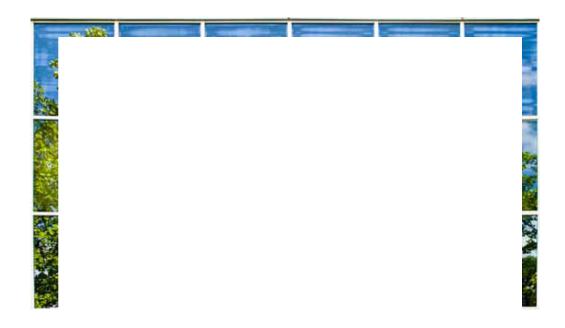








## GENERAL SUMMARY OF ENVIRONMENTAL EFFECTS



The potential environmental effects of a wind energy project can typically be mitigated through known and accepted practices.

Required REA documents will describe how this project will reduce or mitigate potential environmental concerns.

The potential environmental impact concerns that may result from this project generally relate to three environmental components:

- Natural Heritage
- Socio-Economic Environment
- Cultural Heritage and Archaeological Resources







# **INIRONMENTAL COMPONENTS**

NATURAL HE RESOUR	HERITAGE	SOCIO-ECONOMIC ENVIRONMENT	CULTURAL HERITAGE & ARCHAEOLOGICAL RESOURCES
<ul> <li>Wetlands</li> </ul>		<ul> <li>Land Use and Resources</li> </ul>	<ul> <li>Archaeology and Human</li> </ul>
<ul> <li>Waterbodies</li> </ul>		<ul> <li>Areas Protected under</li> </ul>	History
<ul> <li>Woodlots</li> </ul>		Provincial Plans and Policies	<ul> <li>Heritage Resources</li> </ul>
<ul> <li>Valleylands</li> </ul>		• Air, Odor, Dust	
• Wildlife Habitat		<ul> <li>Provincial and Local Infrastructure</li> </ul>	
Provincial Parks     Consorvation Argas		<ul> <li>Public Health and Safety</li> </ul>	
	000	<ul> <li>Aesthetics and Landscape</li> </ul>	
		<ul> <li>Economy and Livelihood</li> </ul>	
		<ul> <li>Social Justice</li> </ul>	





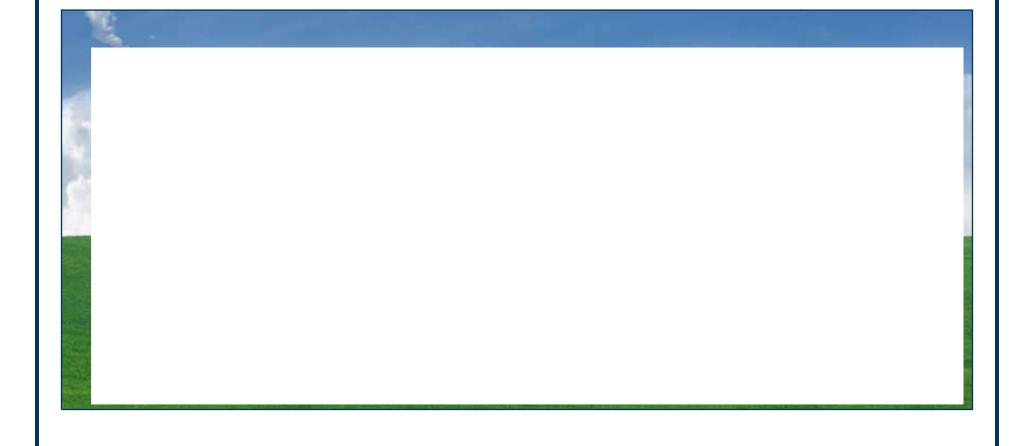


## **ENVIRONMENTAL STUDIES**

In order to determine the potential effects that the project may have on the environmental components, the following environmental assessments are being conducted:

- Natural Heritage Assessment
- Archaeological Assessment
- Cultural Heritage Assessment
- Noise Assessment

The results of these studies will be available for public review in the Fall of 2010.







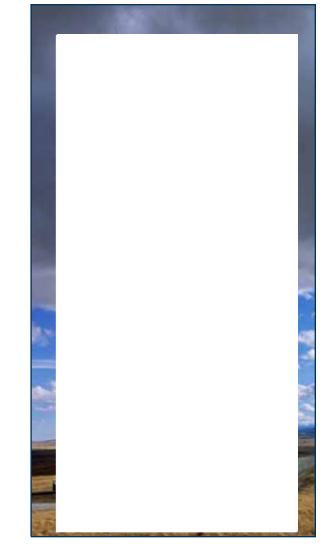


## STAKEHOLDER CONSULTATION

IPC is working with the following stakeholders:

- Township of Wainfleet
- Niagara Region
- Niagara Region Public and Catholic School Boards
- Mississaugas of the New Credit First Nation
- Six Nations of the Grand River Territory
- Niagara Region Métis Council
- Niagara Peninsula Conservation Authority
- Ontario Heritage Trust
- Ministry of the Environment
- Ministry of Natural Resources
- Ministry of Tourism and Culture
- Ministry of Agriculture, Food and Rural Affairs
- Ministry of Energy and Infrastructure
- Ministry of Aboriginal Affairs
- Ministry of Transportation
- Ministry of Health
- Natural Resources Canada
- Environment Canada
- Indian and Northern Affairs Canada
- Industry Canada
- Department of National Defense
- NAV Canada
- Radio Advisory Board of Canada
- Ontario Power Authority
- Hydro One Inc.
- Union Gas
- Royal Canadian Mounted Police
- John C. Munro Hamilton International Airport
- Local Businesses and Interest Groups
- Landowners within 300m of the Study Area

The stakeholder consultation is ongoing; new stakeholders may be identified.









## ROLE OF CONSULTATION

Consultations with stakeholders are taking place to inform, describe and mitigate any potential environmental effects.

Consultation with the public and local municipality is an essential tool in establishing a two-way exchange of information.

### **Consultation will:**

- Give you a better understanding of the project
- Allow IPC to obtain and use local knowledge in project designs and assessment of environmental concerns
- Establish an ongoing dialog with all stakeholders







## **COMMUNITY BENEFITS**

This is a community-based power project initiated by local landowners and residents. It will:

- Provide energy that will power approximately 2500 homes
- Create local job opportunities during construction, operation, and decommissioning phases
- Generate tax revenue for the municipality
- Ensure a sustainable income for participating landowners in support of their ongoing agricultural operations
- Assist Ontario's efforts to create renewable sources of energy
- Produce a sustainable source of electricity that is clean and reliable, and emits no greenhouse gas emissions or waste by-products









## **HEALTH AND SAFETY**

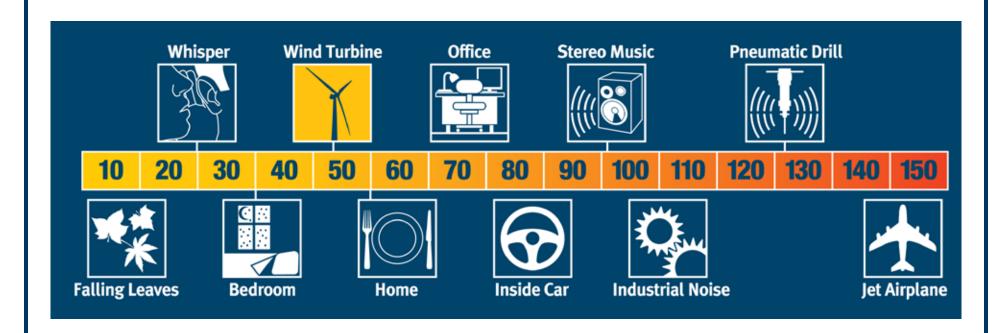
- Public safety measures are being incorporated into all phases of the Project, which include the preparation of an Emergency Response Plan.
- All project facilities and components will be maintained and operated in accordance with applicable codes and regulations.
- Wind Energy is a safe and reliable source of energy.
- A May 2010 report prepared by the Chief Medical Officer of Health for Ontario, titled "The Potential Health Impact of Wind Turbines" concluded:
  - Vibration from low frequency wind turbines at residential setbacks does not cause adverse health effects.
  - Low frequency sound and infrasound from current turbine models are well below the pressure sound levels at which known health effects occur.
  - Setback distances for wind turbine noise control takes into account potential risk of injury from ice throw and structural failure of wind turbines.







## **SOUND STUDIES**



- A Noise Assessment Study is being completed for the project and will be used to:
  - Predict sound levels at receptors within a 1500 metre radius of a wind turbine generator.
  - Demonstrate compliance with all applicable sound level limits.
- To comply with the MOE sound level limits the project will adhere to:
  - A <u>minimum</u> 550m setback from the nearest noise receptor.
  - A receptor sound limit of 40dBA at non-participating receptors.
- Mandatory setback distances were designed using a conservative approach to ensure the protection of local residents' health and lifestyle.
- Sound from wind turbines is often masked by the surrounding environment (e.g. rustling leaves, local traffic, insects, etc.).







## **PROPERTY VALUES**

- A recent property value study entitled, "Wind Energy Study-Effect on Read Estate Values in the Municipality of Chatham-Kent, Ontario" found:
  - No evidence to indicate that rural residential properties had lower sales prices as a result of being within the viewshed of a wind turbine.
  - The study did not find any evidence that wind farms negatively affect residential market values in Chatham-Kent.
- A 2009 U.S. Department of Energy Study entitled "The Impact of Wind Power Projects on Residential Property Values in the United States: A Multi-Site Hedonic Analysis" concluded:
  - There is no conclusive evidence of the existence of any widespread property value impacts that might be present in communities surrounding wind energy facilities.
  - Neither the view of the wind facilities nor the distance of the home to those facilities is found to have any consistent, measurable, and statistically significant effect on home sales prices.



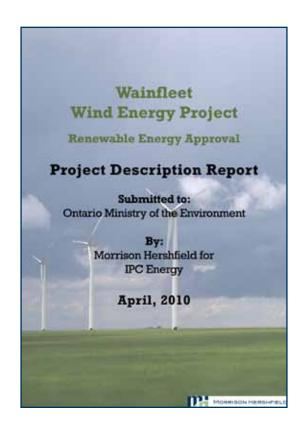




## **PROJECT REPORTS**

As a part of the project's REA application the following supporting documents are required:

- Project Description Report
- Construction Plan Report
- Consultation Plan Report
- Decommissioning Plan Report
- Design and Operations Report
- Wind Turbine Specifications Report
- Natural Heritage Assessment Report
- Archaeology Assessment Report
- Cultural Heritage Assessment Report
- Noise Assessment Report



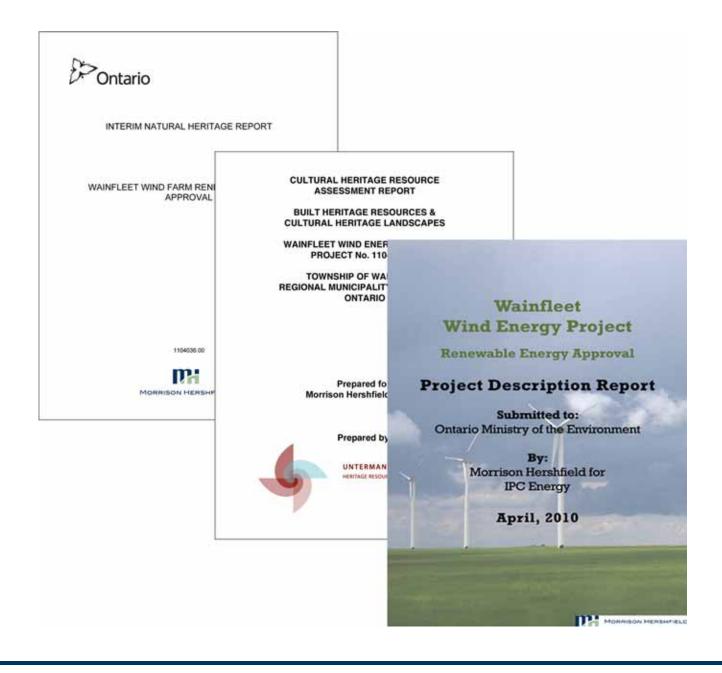






## **NEXT STEPS**

- Complete All Reports and Environmental Assessments
- Continue Consultation with Stakeholders
- Finalize Site Layout
- Draft Documents for Public Review
- Undertake Second Public Open House
- Submit REA Package to the Ministry of the Environment for Approval









### PROJECT FEEDBACK

Your input is a valued part of the Wainfleet Wind Energy Project and we encourage you to share your comments with us by completing a Comment Form.

or

## You may also contact:

Sunny Galia Project Manager

IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, ON L5N 5R1

Tel.: (905) 607-1016 Fax: (905) 607-5995

Email: sunny@ipcenergy.ca

Jonathan Veale
Environmental Planner

Morrison Hershfield Limited 235 Yorkland Blvd., Suite 600 Toronto, ON M2J 1T1

Tel.: (416) 499-3110, Ext. 1639

Fax: (416) 499-9658

Email: jveale@morrisonhershfield.com

Additional information about the Wainfleet Wind Energy Project, including the Draft Project Description Report, is available at this Public Open House or at:

www.ipcenergy.ca









## Thank You for Attending this Public Open House

for

## THE WAINFLEET WIND ENERGY PROJECT

If you have any questions, please speak to any Project Team representatives in attendance.

We also encourage you to fill out a Comment Form.

## RENEWABLE ENERGY APPROVAL FOR THE WAINFLEET WIND ENERGY PROJECT

## **PUBLIC OPEN HOUSE #1**

Tuesday, August 24, 2010 Township of Wainfleet, Firefighters Memorial Hall 19M7 Park Street, Wainfleet, Ontario

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PLEASE PRINT CLEARLY			ĺ		PLEASE PRINT CLEARLY	
NAME	ADDRESS	CITY	POSTAL CODE	TELEPHONE	EMAIL	
JACK HUITEMA	200 Cora, Ro 524	CAMUR	NOA-180	905-928-8291		
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Ross Mayes	15B7 BORINADY	<b>€</b> ®		808 EBB8	ROBBIT PHONORINE	30
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ANTHONY MALOWANY	ANTHONY MALOWANY 31492 SIDE ROAD# 14	WAINDFLEET	071507	905 899 4429	905 899 4429 STMD ATICO SCA	
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## RENEWABLE ENERGY APPROVAL FOR THE WAINFLEET WIND ENERGY PROJECT

## **PUBLIC OPEN HOUSE #1**

Tuesday, August 24, 2010 Township of Wainfleet, Firefighters Memorial Hall 19M7 Park Street, Wainfleet, Ontario

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NAME	ADDRESS	CITY	POSTAL CODE	TELEPHONE	EMAIL	
Sonice Visiog	423630 Hwy #3	Minghat	Las IVO	965 899-0008	janice Virag @ hotmailean	
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L HANSON	~~	WAINFLOOR	Los ivo	Los 100 905-899-0634		
Wat Henderson	73090 Kilys Rd	Wantlest 10R250 396 1258	LORDIO	396 1258		
Inches	11 MARKE KIDES ES.	SHORMWAR	11/165	11065 1/89345954	Annas hall Chan ca	0
JAK HALL	11 MAPLE RIDGE ES	STEATHMORE TIPIGS	T1P165	403934-0871	403934-0871 Fozzy Jack@ holmail.com	
GARY BELLIOSE	26L13 WAKSIVIER	astivelet	45110	165-398-2097	Lestivized LCSIVO 805-899-297 90RALE RUSSEMUCA	,
Linda Green	214265HOP114	(190111) Prest 605/10 889-336C	LOSINO	886-338C	<b>&gt;</b> \	
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RON KRAWER	10842 RATHERU &	Bat aller 1 43K5V4 Por 834-18X1	43KSV4	Pol 734-15X	1 Co. C. Kranek OA
APAIL JEFFS	13623 WORGANIS PT. P.D.	PORT COLFORNE	134514	834-9053	PORT COLBARNE L3K5V4 834-9053 gegscolasturiland. ca
(ATHERME HIFTMINH	NING MAY THIS WEEK	1-01227	ŧ	905 - 2444 .	()
RITA LOGETER	4255 mm	MAINFLEIT	C08110	CUSIVO 905-899 3713	3
Howard Bang	21868	Wountlet	071507	6/08-868-30107	b d
Josh Scharf	72 Bouman	Hamilton	188373	L85 373 905-269-5598	
Leegan Gennings	Township of Wain Heep				
YOLAND MEISEL	TEISEL 1900LGIN	BRET COLDENZE	しろんなくろ	905-875-224	BET COLDANE L3K3K3 905-835-281 rdfyne Jaxxine com
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PLEASE PRINT CLEARLY	<b>*</b>		i		PLEASE PRINT CLEARLY
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7. TRALAMONKO 31840	31840 /4y A3	WAI WHI FET	Los110		
JOHJ 4 RITA LOEFFE	56 Ro#3	WAINFUEET LOS 1 10 905-899-3633	605 100	905-819-36	33
JOHN DEKHER	11787 MOORE RD	AK#2 POASCOLBERGE L3 K5V4 9058355259	5232504	9058355289	
10 HN HALOWANY SI478 SIDE RD	31478 SIDE RD	WAINFLEET LOSIVA 9058983969	105110	905-899-396	6
Vicki Campbell	2655 miller Rd.	hisperpales 426 656 905-295-0998	L2E656	205-295-098	87
HETER FLIKKY	15161 BENCH KD.	WAINFLEST LOSIVE 405/8355/50	40516	905/8355156	
Nancy Gilps	11455 Lakedhro Rd W RRD Po-+ Callborne 13K5 V4	78-7 (albane		905835237D	nancygiles 2@ yahoo ra
Dan Augustine	20192 LakochoroRd	WainSlert	105140	905-899-1065	905-899-1065 dan ang @iaw, com
Dichard, luraner	21538 DixIE RU	2	Losivo	843197	, 7
Helen Hoskin	12154 ( ALLEIGER RD		7	8441803	8991803 hhoskin@hotmail.com
SETUING	11618 BURDABYRI	//	//	899 4765	
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PLEASE PRINT CLEARLY	EMAIL	E							
	TELEPHONE	301 24 046							
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	CITY	4414 (25 7110 GOS PH 068	3						
	ADDRESS	1966 LAKESKOR							
PLEASE PRINT CLEARLY	NAME	HENRY IMMONLIET							

## RENEWABLE ENERGY APPROVAL FOR THE WAINFLEET WIND ENERGY PROJECT

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	CITY	Tealtwin 1	( )	8R211P.C.	1200 ASBSWC 905 734 3479	NECCANS	Granhy	Allenburg					
	ADDRESS	- 43123 PART	JOHN MPLEHAM 50567 FARRS RD	11310 Lakefield	60621 KIVERSIDE DR	60621 RIVELSIVE DA	Rody Rd	1451 Boron Rd					
	NAME	LENNIE HARTS 43123 PATE	JOHN MPCLELLAN	Noc# Pat Zold 11310 Lakefiela	IRMA TURKO		James Jense	Jordon Belhuil		·			

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Sunny Gaila Project Manager IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario L5N 5R1 Tel.: (905) 607-1016 Fax: (905) 607-5995 Email: Sunny@ipcenergy.ca	or	Jonathan Veale Environmental Planner Morrison Hershfield Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario M2J 1T1 Tel.: (416) 499-3110 Fax: (416) 499-9658 Email: jveale@morrisonhershfield.com
What aspect of the project are you mo	ost interested in?	
From your perspective, what is the moproject?  \[ \lambda \cdot \delta		_
homes		
Is there additional information that yo	u would like to lea	rn about this project?
Do you have any comments regarding presented, help received on understar		
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How would you describe the nature of your interest in this project?
Member of the General Public (including resident)
Member of an Interest Group (Please specify:)
Agency Representative (Please specify:)
Other (Please specify:)
Do you plan on attending the second Public Open House in the Fall? (Please circle): Yes / No Would you like to receive correspondence about this project? (Please circle): Yes / No
Additional Comments for the Study Team:

Thank you for your participation. Your responses to these questions will help us to improve the design of the project.

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What aspect of the project are you most inter	ested in?	
Where I gratigit!		
	10 - 300-1-200	
From your perspective, what is the most impo	ortant conside	ration in developing this wind
project? Noise and shadou	s fac	01
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s there additional information that you would	like to learn a	about this project?
Where located		
Do you have any comments regarding this Pu presented, help received on understanding th		

How would you describe the r	nature of your interest in this project?
Member of the General	Public (including resident)
Member of an Interest G	Group (Please specify:)
Agency Representative	(Please specify:)
Other (Please specify: _	
Do you plan on attending the	second Public Open House in the Fall? (Please circle): Yes / No
Would you like to receive corr	respondence about this project? (Please circle): Yes No
Additional Comments for the	Study Team:
e <u>n</u>	

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2550 Argentia Road, Suite 105 Mississauga, Ontario L5N 5R1 Tel.: (905) 607-1016		235 Yorkland Boulevard, Suite 600 Toronto, Ontario M2J 1T1 Tel.: (416) 499-3110
Fax: (905) 607-5995 Email: Sunny@ipcenergy.ca		Fax: (416) 499-9658 Email: jveale@morrisonhershfield.com
What aspect of the project are you m	nost interested in?	
	17-02	
From your perspective, what is the n project?	nost important con	isideration in developing this wind
·	ASSURACE SECTION ASSURACE	
Is there additional information that y	ou would like to le	arn about this project?
is there additional information that y	ou would like to le	am about this project?
	4000 008	
Do you have any comments regardin		
presented, help received on understa	anding the project,	opportunity to ask questions)

How would you describe the nature of your interest in this project?
Member of the General Public (including resident)
Member of an Interest Group (Please specify:)
Agency Representative (Please specify:
Other (Please specify:)
Do you plan on attending the second Public Open House in the Fall? (Please circle) Yes / No
Would you like to receive correspondence about this project? (Please circle): Yes / No
Additional Comments for the Study Team:  I hope the project 500s forward.
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Thank you for your participation. Your responses to these questions will help us to improve the design of the project.

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or

Jonathan Veale

Sunny Gaila

Project Manager IPC Energy	Environmental Planner  Morrison Hershfield
Wainfleet Wind Energy Project	Wainfleet Wind Energy Project
2550 Argentia Road, Suite 105	235 Yorkland Boulevard, Suite 600
Mississauga, Ontario L5N 5R1 Tel.: (905) 607-1016	Toronto, Ontario M2J 1T1
Fax: (905) 607-5095	Tel.: (416) 499-3110 Fax: (416) 499-9658
Email: Sunny@ipcenergy.ca	Email: jveale@morrisonhershfield.com
Email. Suriny expectiergy.ca	Email. jveale@mornsonnersmeid.com
What aspect of the project are you most interested	ed in?
Renewalde energy.	Possible participation
From your perspective, what is the most importa	nt consideration in developing this wind
Coan energy	
Is there additional information that you would like	e to learn about this project?
	o to tour about the project.
	***************************************
Do you have any comments regarding this Public	Onen House? (i.e. location, information
presented, help received on understanding the p	
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How would yo	ou describe the nature of your interest in this project?
Memb	per of the General Public (including resident)
Memb	per of an Interest Group (Please specify:
Agend	cy Representative (Please specify:
Other	(Please specify:)
Do you plan	on attending the second Public Open House in the Fall? (Please circle) Yes // No
Would you lik	ke to receive correspondence about this project? (Please circle): Yes / No
Additional Co	omments for the Study Team:
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What aspect of the project are you most interested in?  Directions in municipality  From your perspective, what is the most important consideration in developing this wind project?  Direction of windmill be grivate residences.  Is there additional information that you would like to learn about this project?  Direction of windmills be instabled.  Do you have any comments regarding this Public Open House? (i.e. location, information presented, help received on understanding the project, opportunity to ask questions)  MO	Sunny Gaila Project Manager IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario L5N 5R1 Tel.: (905) 607-1016 Fax: (905) 607-5995 Email: Sunny@ipcenergy.ca	or	Jonathan Veale Environmental Planner Morrison Hershfield Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario M2J 1T1 Tel.: (416) 499-3110 Fax: (416) 499-9658 Email: jveale@morrisonhershfield.com
From your perspective, what is the most important consideration in developing this wind project?  Distances of windmill to grivate residences.  Is there additional information that you would like to learn about this project?  Distances of windmills to be installed.  Do you have any comments regarding this Public Open House? (i.e. location, information presented, help received on understanding the project, opportunity to ask questions)	. 1		
Distances of windmill to private residences  Is there additional information that you would like to learn about this project?  Size of windmills to be installed.  Do you have any comments regarding this Public Open House? (i.e. location, information presented, help received on understanding the project, opportunity to ask questions)	Gocations in munici	pality	
Distances of windmill to private residences  Is there additional information that you would like to learn about this project?  Size of windmills to be installed.  Do you have any comments regarding this Public Open House? (i.e. location, information presented, help received on understanding the project, opportunity to ask questions)			
Do you have any comments regarding this Public Open House? (i.e. location, information presented, help received on understanding the project, opportunity to ask questions)	project?		
Do you have any comments regarding this Public Open House? (i.e. location, information presented, help received on understanding the project, opportunity to ask questions)			
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presented, help received on understanding the project, opportunity to ask questions)			
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How would you describe the nature	of your interest in this project?
Member of the General Public	(including resident)
Member of an Interest Group	(Please specify:)
Agency Representative (Pleas	se specify:)
Other (Please specify:	)
Do you plan on attending the secon	d Public Open House in the Fall? (Please circle) Yes No
Would you like to receive correspon	ndence about this project? (Please circle): Yes No
Additional Comments for the Study	Team:
Thank you for your participation. Your	responses to these questions will help us to improve the design

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What aspect of the project are you most int		A
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From your perspective, what is the most improject?	portant cons	sideration in developing this wind
17.5 OK		
Is there additional information that you wou	uld like to lea	rn about this project?
		The state of the s
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Do you have any comments regarding this presented, help received on understanding		

How would you describe the nature of your interest in this project?
Member of the General Public (including resident)
Member of an Interest Group (Please specify:)
Agency Representative (Please specify:
Other (Please specify:
Do you plan on attending the second Public Open House in the Fall? (Please circle); Yes / No
Would you like to receive correspondence about this project? (Please circle): Yes / No
Additional Comments for the Study Team:

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What aspect of the project are you most		_
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From your perspective, what is the most project?  LUCAL JOBS.	important co	nsideration in developing this wind
ls there additional information that you v	vould like to le	earn about this project?
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Do you have any comments regarding the presented, help received on understandi		
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How would you describe the nature of your interest in this project?
Member of the General Public (including resident)
Member of an Interest Group (Please specify:)
Agency Representative (Please specify:
Other (Please specify:)
Do you plan on attending the second Public Open House in the Fall? (Please circle) (Yes) / No
Would you like to receive correspondence about this project? (Please circle): Yes No
Additional Comments for the Study Team:

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What aspect of the project are you m	nost interested in?	-01-04-2000-0-7-		<u> </u>
From your perspective, what is the more project?  DO NOT Pure				
Is there additional information that ye	ou would like to lear	n about this pr	oject?	
NO.	· · · · · · · · · · · · · · · · · · ·			
Do you have any comments regardin presented, help received on understa				

How would you de	scribe the nature of your interest in this project?
Member of	the General Public (including resident)
Member of	an Interest Group (Please specify:)
Agency Rep	presentative (Please specify:)
Other (Plea	se specify:)
	receive correspondence about this project? (Please circle): Yes No
Additional Comme	nts for the Study Team:
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WIND	nills
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What aspect of the project are you m		
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How would you describe the nature of your interest in this project?
Member of the General Public (including resident)
Member of an Interest Group (Please specify:)
Agency Representative (Please specify:)
Other (Please specify:)
Do you plan on attending the second Public Open House in the Fall? (Please circle): Yes / No
Would you like to receive correspondence about this project? (Please circle): Yes No  Additional Comments for the Study Team:  Landes Lincip. Yes No  Additional Comments for the Study Team:
Additional Comments for the Study Team:

## **COMMENT SHEET**

# RENEWABLE ENERGY APPROVAL FOR THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #1

Tuesday, August 24, 2010
Township of Wainfleet, Firefighters Memorial Hall
19M7 Park Street, Wainfleet, Ontario

Thank you for attending the first Public Open House for the Wainfleet Wind Energy Project. Please take a minute to complete this brief comment sheet. You are welcome to comment on any aspect of the project which you consider to be important. All comments will be carefully considered. You may drop your completed comment sheet in the box provided or mail or fax by **September 24, 2010**, to:

Sunny Gaila Project Manager IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario L5N 5R1 Tel.: (905) 607-1016 Fax: (905) 607-5995 Email: Sunny@ipcenergy.ca	or	Jonathan Veale Environmental Planner Morrison Hershfield Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario M2J 1T1 Tel.: (416) 499-3110 Fax: (416) 499-9658 Email: jveale@morrisonhershfield.com
What aspect of the project are you m	ost interested in?	
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Is there additional information that y	ou would like to lea	arn about this project?
Do you have any comments regardin	a this Public Open	House? (i.e. location, information
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Agency Representative (Please specify:
Other (Please specify: ALDERMAN)
Do you plan on attending the second Public Open House in the Fall? (Please circle): Yes / No
Would you like to receive correspondence about this project? (Please circle): Yes / No
Additional Comments for the Study Team:
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BURNARY AIRFIELD SHOULD BE
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HIGHER THAN 75' FOR GLIDE PATH
OF PLANES AND PARACHUTETS
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Thank you for your participation. Your responses to those supptions will help us to improve the design

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Project Manager		Environmental Planner
IPC Energy		Morrison Hershfield
Wainfleet Wind Energy Project		Wainfleet Wind Energy Project
2550 Argentia Road, Suite 105		235 Yorkland Boulevard, Suite 600
Mississauga, Ontario L5N 5R1		Toronto, Ontario M2J 1T1
Tel.: (905) 607-1016		Tel.: (416) 499-3110
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Additional Comments for the Study Team:

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Other (Please specify:)
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Would you like to receive correspondence about this project? (Please circle): Yes / No
Additional Comments for the Study Team:

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presented, help received on understa	anding the project, o	pportunity to ask questions)

How would you describe the nature of your interest in this project?
Member of the General Public (including resident)
Member of an Interest Group (Please specify:
Agency Representative (Please specify:
Other (Please specify:)
Do you plan on attending the second Public Open House in the Fall? (Please circle): Yes / No
Would you like to receive correspondence about this project? (Please circle): Yes / No
Additional Comments for the Study Team:

Sunny Gaila

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## **COMMENT SHEET**

## RENEWABLE ENERGY APPROVAL FOR THE WAINFLEET WIND ENERGY PROJECT **PUBLIC OPEN HOUSE #1**

Tuesday, August 24, 2010 Township of Wainfleet, Firefighters Memorial Hall 19M7 Park Street, Wainfleet, Ontario

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Jonathan Veale Project Manager Environmental Planner IPC Energy Morrison Hershfield Wainfleet Wind Energy Project Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 235 Yorkland Boulevard, Suite 600 Mississauga, Ontario L5N 5R1 Toronto, Ontario M2J 1T1 Tel.: (905) 607-1016 Tel.: (416) 499-3110 Fax: (905) 607-5995 Fax: (416) 499-9658 Email: Sunny@ipcenergy.ca Email: iveale@morrisonhershfield.com What aspect of the project are you most interested in? From your perspective, what is the most important consideration in developing this wind project? the windmills 26 themson is serious Is there additional information that you would like to learn about this project? Do you have any comments regarding this Public Open House? (i.e. location, information presented, help received on understanding the project, opportunity to ask questions)

How would you describe the nature of your interest in this project?
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Member of an Interest Group (Please specify:)
Agency Representative (Please specify: Skydive Burnaby Us).
Other (Please specify:)
Do you plan on attending the second Public Open House in the Fall? (Please circle): Yes No
Would you like to receive correspondence about this project? (Please circle) Yes No
Additional Comments for the Study Team:
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- consider north of Huy #3
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avoid turbulance for parachetists
Thank you for your participation. Your responses to these questions will help us to improve the design
of the project.
Comments will be maintained on file for use during the study and may be included in study documentation.

Comments will be maintained on file for use during the study and may be included in study documentation. With the exception of personal information, all comments will become part of the public record.

PLEASE PRINT CLEARLY



11L85 Lakeshore Road West, RR 2 Port Colborne, Ontario L3K 5V4

Re: Wainfleet Wind Energy Project
Response to Comments from Public Open House #1

Dear

Thank-you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday August 24, 2010. We would like to inform you that we have received your completed comment form and that it has been carefully reviewed by project team members. We value your comments and the feedback you have given as it helps us to improve the design of the project. Your comments also allow us to identify important local concerns and determine the additional steps that need to taken to either clarify and/or provide further information about the proposed project and how we can better create an open dialog with the community and residents.

On your completed comment form you identified that the location of the project's facilities was of interest to you and that your most important consideration in developing this wind energy project would be the location of the wind turbines to surrounding homes.

We recently completed studies for natural heritage, cultural heritage, archeology, and noise. These studies help us determine the best locations for the project's five (5) proposed turbines. Where required, we have sent these draft studies for review by government agencies. Once we hear back from these agencies, these reports will be available for your review and comment. For your information, all of the proposed turbines will adhere or exceed the minimum setback requirements from residences (550m), natural features, and sound power levels at non-participating noise receptors (i.e. residences, places of worship, schools, etc...) (40dBA). In order for the project to be approved by the Ministry of Environment (MOE) it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

The location of the project's turbines and site layout of the proposed facility is expected to be determined shortly and will be made available to the public for at least 60 days before the second Public Open House is held. Newspaper notices will be published and letters will be sent to residents advising them of how they may obtain or view copies of all the draft reports. These reports contain site plans and maps showing the locations of the project's turbines and results of environmental studies. I trust that this will be of particular interest to you.

Wainfleet Wind Energy Inc. is making every reasonable effort to have meaningful consultation with the surrounding local community and municipality in the design of this project, and remains

committed to developing this environmentally friendly wind energy project in a mutually beneficial manner.

We have added the contact information you provided to our project mailing list so that you may stay informed about the status of this project and receive information about the second Pubic Open House scheduled to take place later this fall or sometime early in the new year. You are also encouraged to visit the project's website, which will be updated regularly at: <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>. All project documentation and studies will be posted on this website for public viewing and comment before being submitted to the MOE for approval.

If you require any further clarification about this project please do not hesitate to contact me, and I will do my best to address your questions or concerns.

Yours truly,

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658





P.O. Box 56 Wainfleet, Ontario LOS 1V0

Re: Wainfleet Wind Energy Project
Completed Public Open House Comment Form

#### Dear

Thank-you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday August 24, 2010. We would like to inform you that we have received your completed comment form and that it has been carefully reviewed by project team members. We value your comments and the feedback you have given as it helps us to improve the design of the project. Your comments also allow us to identify important local concerns and determine the additional steps that need to taken to either clarify and/or provide further information about the proposed project and how we can better create an open dialog with the community and residents.

On your completed comment form you identified that the location of the project's facilities was of interest to you and that your most important consideration in developing this wind project would be the noise generated from the project's operation as well as potential shadow flicker.

We recently completed studies for natural heritage, cultural heritage, archeology, and noise. These studies help us determine the best locations for the project's five (5) proposed turbines. Where required, we have sent these draft studies for review by government agencies. Once we hear back from these agencies, these reports will be available for your review and comment. For your information, all of the proposed turbines will adhere or exceed the minimum setback requirements from residences (550m), natural features, and sound power levels at non-participating noise receptors (i.e. residences, places of worship, schools, etc...) (40dBA). In order for the project to be approved by the Ministry of Environment (MOE) it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

The location of the project's turbines and site layout of the proposed facility is expected to be determined shortly and will be made available to the public for at least 60 days before the second Public Open House is held. Newspaper notices will be published and letters will be sent to residents advising them of how they may obtain or view copies of all the draft reports. These reports contain site plans and maps showing the locations of the project's turbines and results of environmental studies. I trust that this will be of particular interest to you.

You also commented about potential noise generated as a result of the project's operations. We are finalizing a Noise Assessment Study, which, when completed will help us determine the sound levels generated at noise receptors within a 1500 metre radius of each wind turbine. The project must meet all regulatory requirements for sound in order to be approved. At distances of 550 metres (minimum setback requirement) or greater sound generated from turbines is similar

to a whisper. While conditions differ, the sound emitted from modern turbines is often masked by background noise or the wind itself.

Shadow flicker can occur as a result of turbine operations, but only under very specific conditions. For shadow flicker to occur the following conditions must be occurring simultaneously:

- The sun must be shining and there is no cloud cover or reduced visibility conditions;
- The rotating turbine blades must be between the observer and the sun;
- The turbine blades must be facing directly toward or away from the sun (so they are moving across the source of the light relative to the observer); and
- The observer must be close enough to be in the turbines shadow.

Shadow length can change depending on the angle of the sun in the sky (i.e. time of day or time of year). Proper siting of wind turbines, such as the ones proposed in Wainfleet will be used to reduce or eliminate potential shadow flicker.

Wainfleet Wind Energy Inc. is making every reasonable effort to have meaningful consultation with the surrounding local community and municipality in the design of this project, and remains committed to developing this environmentally friendly wind energy project in a mutually beneficial manner.

We have added the contact information you provided to our project mailing list so that you may stay informed about the status of this project and receive information about the second Pubic Open House scheduled to take place later this fall or sometime early in the new year. You are also encouraged to visit the project's website, which will be updated regularly at: <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>. All project documentation and studies will be posted on this website for public viewing and comment before being submitted to the MOE for approval.

If you require any further clarification about this project please do not hesitate to contact me, and I will do my best to address your questions or concerns.

Yours truly,

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658





20L92 Augustine Road Wainfleet, Ontario L0S 1V0

Re: Wainfleet Wind Energy Project
Completed Public Open House Comment Form

Thank-you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday August 24, 2010. We would like to inform you that we have received your completed comment form and would like to thank-you for your support in the development of this environmentally friendly wind energy project.

We have added the contact information you provided to our project mailing list so that you may stay informed about the status of this project and receive information about the second Pubic Open House scheduled to take place later this fall or sometime early in the new year. You are also encouraged to visit the project's website, which will be updated regularly at: <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>. All project documentation and studies will be posted on this website for public viewing and comment before being submitted to the MOE for approval.

If you require any further clarification about this project in the future please do not hesitate to contact me.

Yours truly,

#### Mr. Jonathan Veale

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Office: (416) 499-3110 Fax: (416) 499-9658



190 Elgin Street Port Colborne, Ontario L3K 3K3

Re: Wainfleet Wind Energy Project

**Completed Public Open House Comment Form** 

#### Dear

Thank-you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday August 24, 2010. We would like to inform you that we have received your completed comment form and would like to thank-you for your support in the development of this environmentally friendly wind energy project.

On your completed comment form you stated that your most important consideration in developing this project would be the production of clean energy.

We believe that this renewable energy project will contribute to a more sustainable future by generating enough power for approximately 2,500 homes by feeding directly into the Hydro One distribution system. We believe this small contribution is one meaningful way that can help reduce green house gas emissions and our dependence on fossil fuels.

Thank-you again for your interest in this project. We have added the contact information you provided to our project mailing list so that you may stay informed about the status of this project and receive information about the second Pubic Open House scheduled to take place later this fall or sometime early in the new year. You are also encouraged to visit the project's website, which will be updated regularly at: <a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>. All project documentation and studies will be posted on this website for public viewing and comment before being submitted to the MOE for approval.

If you require any further clarification about this project in the future please do not hesitate to contact me.

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Office: (416) 499-3110 Fax: (416) 499-9658



42363 Highway 3 Wainfleet, Ontario LOS 1V0

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On your completed comment form you identified that the location of the project's facilities was of interest to you and that your most important consideration in developing this wind project would be the distance of the wind turbines to surrounding private residences. You also asked for additional information regarding the size of the turbine models to be installed.

We recently completed studies for natural heritage, cultural heritage, archeology, and noise. These studies help us determine the best locations for the project's five (5) proposed turbines. Where required, we have sent these draft studies for review by government agencies. Once we hear back from these agencies, these reports will be available for your review and comment. For your information, all of the proposed turbines will adhere or exceed the minimum setback requirements from residences (550m), natural features, and sound power levels at non-participating noise receptors (i.e. residences, places of worship, schools, etc...) (40dBA). In order for the project to be approved by the Ministry of Environment (MOE) it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

You had also inquired about the size of the turbine model to be installed as part of the Wainfleet Wind Energy Project. Currently there are still two turbine models under consideration for the project which have been listed below:

- Gamesa G90, 2.0 MW
- Vestas V-100. 1.8 MW

The selection of any one of these two turbine models will have a **maximum** height of 145m above ground level.

The location of the project's turbines, site layout, and turbine model is expected to be determined shortly and will be made available to the public at least 60 days before the second

Public Open House is held. Newspaper notices will be published and letters will be sent to residents advising them of how they may obtain or view copies of the project's draft reports which will contain site plans and maps showing the locations of the project's turbines, as well as turbine model specifications.

Wainfleet Wind Energy Inc. is making every reasonable effort to have meaningful consultation with the surrounding local community and municipality in the design of this project, and remains committed to developing this environmentally friendly wind energy project in a mutually beneficial manner.

Thank-you again for your interest in this project. We have added the contact information you provided to our project mailing list so that you may stay informed about the status of this project and receive information about the second Pubic Open House scheduled to take place later this fall or sometime early in the new year. You are also encouraged to visit the project's website, which will be updated regularly at: <a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>. All project documentation and studies will be posted on this website for public viewing and comment before being submitted to the MOE for approval.

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11969 Station Road Wainfleet, Ontario LOS 1V0

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Completed Public Open House Comment Form

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On your completed comment form you identified that all aspects of the project was of interest to you and that you would like to learn more about this project.

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12245 Concession1, R.R. 2 Wainfleet, Ontario LOS 1V0

Re: Wainfleet Wind Energy Project
Completed Public Open House Comment Form

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On your completed comment form you identified that the location of the project's facilities was of interest to you and that your most important consideration in developing this wind project would be the creation of local jobs.

We recently completed studies for natural heritage, cultural heritage, archeology, and noise. These studies help us determine the best locations for the project's five (5) proposed turbines. Where required, we have sent these draft studies for review by government agencies. Once we hear back from these agencies, these reports will be available for your review and comment. For your information, all of the proposed turbines will adhere or exceed the minimum setback requirements from residences (550m), natural features, and sound power levels at non-participating noise receptors (i.e. residences, places of worship, schools, etc...) (40dBA). In order for the project to be approved by the Ministry of Environment (MOE) it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

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With regards to your comment about the importance of the creation of local jobs, Wainfleet Wind Energy Inc. intends on creating a few permanent positions as required to oversee the project's operation and maintenance activities. Local jobs will also be created during the construction and decommissioning phases of the project and local suppliers and contractors will be used as much as possible. We believe that this is a small but meaningful contribution to 'green' jobs in

Niagara Region and the Township of Wainfleet. We hope that this, along with other projects in Ontario, will help to foster a more sustainable economy for Ontario.

Wainfleet Wind Energy Inc. is making every reasonable effort to have meaningful consultation with the surrounding local community and municipality in the design of this project, and remains committed to developing this environmentally friendly wind energy project in a mutually beneficial manner.

You also mentioned that you have 48 acres available for possible participation in the project. We have passed on your contact information to IPC Energy and have advised them of your possible interest in participating in the project.

Thank-you again for your interest in this project. We have added the contact information you provided to our project mailing list so that you may stay informed about the status of this project and receive information about the second Pubic Open House scheduled to take place later this fall or sometime early in the new year. You are also encouraged to visit the project's website, which will be updated regularly at: <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>. All project documentation and studies will be posted on this website for public viewing and comment before being submitted to the MOE for approval.

If you require any further clarification about this project please do not hesitate to contact me, and I will do my best to address your questions or concerns.

Yours truly,

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658





2655 Miller Road Niagara Falls, Ontario L2E 6S6

Re: Wainfleet Wind Energy Project
Completed Public Open House Comment Form

#### Dear

Thank-you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday August 24, 2010. We would like to inform you that we have received your completed comment form and that it has been carefully reviewed by project team members. We value your comments and the feedback you have given as it helps us to improve the design of the project. Your comments also allow us to identify important local concerns and determine the additional steps that need to taken to either clarify and/or provide further information about the proposed project and how we can better create an open dialog with the community and residents.

On your completed comment form you identified that potential environmental effects and the government approval process was of interest to you, and that you would like additional information regarding the Renewable Energy Approval (REA) process and the relevant studies required for the project.

Renewable Energy Projects, such as the Wainfleet Wind Energy Project are subject to Ontario Regulation 359/09 Renewable Energy Approvals (REA) under Part V.0.1 of the Ontario Environmental Protection Act. A Renewable Energy Approval is issued by the Ministry of Environment (MOE). The REA came about after the passing of the Green Energy and Green Economy Act (GEA) in early 2009 by the Provincial Parliament, which directs the government to promote the development of renewable energy resources (i.e. wind, solar, bio-energy, hydro) in an effort to help reduce Ontario's reliance on fossil fuels by producing clean and renewable sources of energy.

The REA process requires proponents (like Wainfleet Wind Energy Inc.) of renewable energy projects to conduct environmental investigations and meet mandatory consultation requirements before the applicant can be eligible to apply for approval. As part of the consultation requirement renewable energy projects must engage with the public, local municipalities and aboriginal communities in discussions about the project as well as other required regulatory agencies. As part of public consultation for the REA process proponents are required to hold two (2) Public Open Houses and allow for public input throughout the development phase of the project. Once environmental studies and required reports have been completed and consultation requirements have been fulfilled the proponent can file their REA application form along with supporting documents and reports with the MOE. After the application has been filed with the MOE an Environmental Bill of Rights Notice of Proposal is posted on the Ontario Environmental Registry for a mandatory 30-day review period where the public and other agencies can view and comment on the complete REA package. After the 30-day review period the MOE reviews the application and supporting documents for approval. This MOE review period can last up to six

(6) months. When a decision has been made, the director of the MOE will notify the proponent and will post the outcome of the decision on the Environmental Registry. To clarify this process I have attached a copy of one of the display boards that was shown at the Pubic Open House on August 24 that will help explain the REA process.

The reports required to be submitted to obtain a Renewable Energy Approval differs depending on they type/class of the renewable energy project. Since this project is a Class 4 Wind Energy Facility we are required to produce and submit the following reports and studies: Project Description Report, Construction Plan Report, Consultation Plan Report, Design and Operations Report, Decommissioning Plan Report, Wind Turbine Specifications Report, Natural Heritage Assessment Report, Archeology Assessment Report, Cultural Heritage Assessment Report, Noise Assessment Report. All of the project reports will be made available to the public for review and comment once completed and will be used to document and demonstrate the project's compliance with all regulatory setbacks and environmental protection measures. The requirements for each report is too lengthy to list here, but if you are interested in learning more about the requirements of these individual reports please refer to Section 13 and Table 1 of Ontario Regulation 359/09 which can be accessed electronically online or by obtaining it from the MOE.

Wind energy projects are clean and reliable sources of renewable energy that do not generate any waste by-products as a result of operations. The REA has established strict guidelines and setbacks that must be followed with regards to the protection of the natural environment and impacts to local residences and communities. We recently completed studies for natural heritage, cultural heritage, archeology, and noise. These studies help us determine the best locations for the project's five (5) proposed turbines. Where required, we have sent these draft studies for review by government agencies. Once we hear back from these agencies, these reports will be available for your review and comment. For your information, all of the proposed turbines will adhere or exceed the minimum setback requirements from residences (550m), natural features, and sound power levels at non-participating noise receptors (i.e. residences, places of worship, schools, etc...) (40dBA). In order for the project to be approved by the Ministry of Environment (MOE) it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

The location of the project's turbines and site layout of the proposed facility is expected to be determined shortly and will be made available to the public for at least 60 days before the second Public Open House is held. Newspaper notices will be published and letters will be sent to residents advising them of how they may obtain or view copies of all the draft reports. These reports contain site plans and maps showing the locations of the project's turbines and results of environmental studies. I trust that this will be of particular interest to you.

Thank-you again for your interest in this project. We have added the contact information you provided to our project mailing list so that you may stay informed about the status of this project and receive information about the second Pubic Open House scheduled to take place later this fall or sometime early in the new year. You are also encouraged to visit the project's website, which will be updated regularly at: <a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>. All project documentation and studies will be posted on this website for public viewing and comment before being submitted to the MOE for approval.



If you require any further clarification about this project, the REA process and requirements please do not hesitate to contact me, and I will do my best to address your questions or concerns.

Yours truly,

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1 Office: (416) 499-3110

Office: (416) 499-3110 Fax: (416) 499-9658





Township of Wainfleet 10842 Rathfon Road, R.R. 2 Port Colborne. Ontario L3K 5V4

Re: Wainfleet Wind Energy Project

**Completed Public Open House Comment Form** 

#### Dear I

Thank-you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday August 24, 2010. We would like to inform you that we have received your completed comment form and that it has been carefully reviewed by project team members. We value your comments and the feedback you have given as it helps us to improve the design of the project.

On your completed comment form you identified that the location of the project's proposed facilities in relation to the Burnaby Airfield was of interest to you, and you recommended that a 2.0 km radius around the airfield be kept clear for the glide path of planes and parachutists.

Presently, we are in active consultation with NAV Canada and Transport Canada (TC) regarding the location of the project's proposed turbines and to ensure that local aviation operations and safety is not compromised. The project will adhere to all required regulations and setbacks established by these two agencies. We have submitted an Aeronautical Obstruction Clearance Form to TC to evaluate the project's turbine locations and to determine any turbine lighting or painting requirements. We have also submitted a NAV Canada Land Use Proposal Submission Form to ensure that the project does not interfere with any communication or navigation instruments or facilities. Upon hearing a response on both applications, measures will be taken to correct any issues of noncompliance with both regulatory agencies established regulations.

We have also been contacted by the owners of Burnaby Airfield and they have voiced their concerns about the potential of the project's turbines affecting their operations. We have provided them with the names/contact information of the personnel whom we are dealing with at NAV Canada/ TC and we intend on keeping them in formed as our consultation progresses and when we receive feedback from these two regulatory agencies on the location of the project's proposed turbines.

Thank-you again for your interest in this project. We have added the contact information you provided to our project mailing list so that you may stay informed about the status of this project and receive information about the second Pubic Open House scheduled to take place later this fall or sometime early in the new year. You are also encouraged to visit the project's website, which will be updated regularly at: <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>. All project documentation and studies will be posted on this website for public viewing and comment before being submitted to the MOE for approval.

If you require any further clarification about this project please do not hesitate to contact me, and I will do my best to address your questions or concerns.

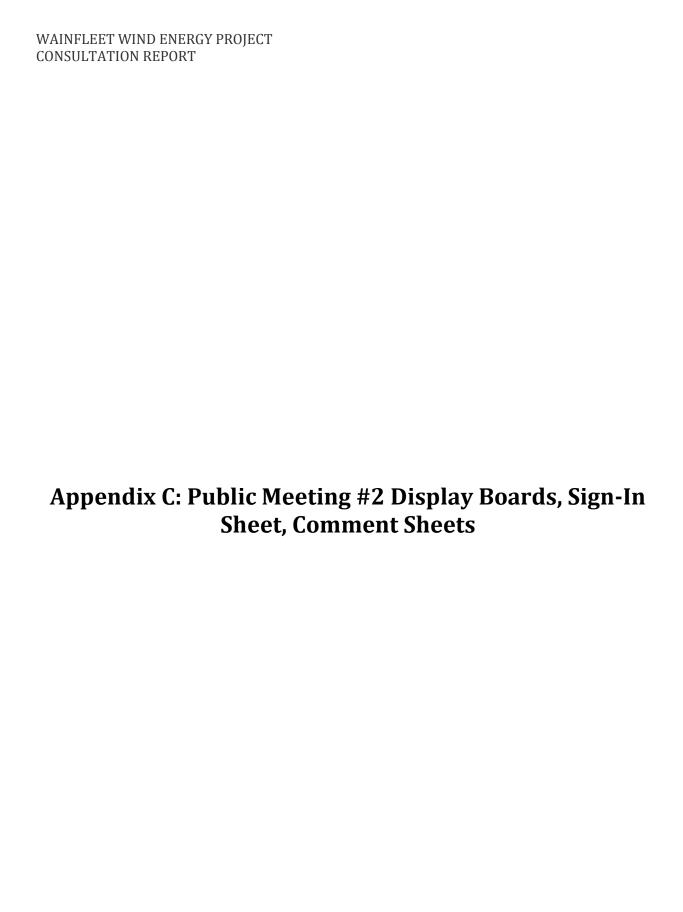
Yours truly,

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658











# Welcome To The 2<sup>nd</sup> Public Open House For The Wainfleet Wind Energy Project

## We are here to:

- Describe the Renewable Energy Approval Process
- Present an overview of the Wainfleet Wind Energy Project
- Share results of project studies and reports
- Answer your questions
- Receive your feedback about the project







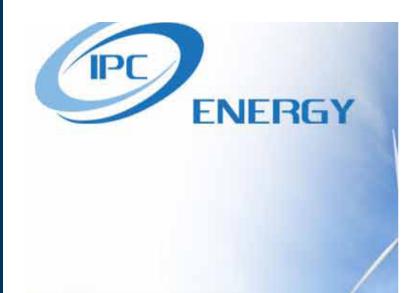
# ABOUT WAINFLEET WIND ENERGY INC. AND IPC ENERGY

Wainfleet Wind Energy Inc. Project Proponent (Est. 2009)

- Started by the Loeffen brothers: John, Harold and the late Bill, a local family with a long term dedication to agricultural-based business and continuous innovation.
- This project allows Loeffen Farms to diversify into green energy and demonstrate their ongoing commitment to the environment.
- In January of 2012, the Loeffens partnered with Rankin Construction Inc., a local civil construction company with a great reputation and extensive wind turbine construction and renewable energy development experience.
- Together this team has entensive agricultural, construction, and development knowledge and expertise, as well as a local perspective.

IPC Energy (IPC) Project Developer (Est. 2005)

 IPC Energy works closely with landowners, municipalities and other parties to develop, build and operate wind energy projects across Canada and internationally.









# MAKING ONTARIO A GLOBAL LEADER IN RENEWABLE ENERGY

# Ontario's Green Energy and Green Economy Act

- Passed in May 2009, to promote the development of a sustainable energy economy and to regulate the Province's renewable energy practices.
- Strategy seeks to phase out coalfired generation by 2014 and assist the province with meeting its greenhouse gas reduction targets.

# Feed In Tariff (FIT) Program

- Administered by the Ontario
   Power Authority (OPA), who issue
   contracts to purchase power at
   guaranteed rates over 20 years
   from wind, solar, and bio-energy
   facilities.
- North America's first comprehensive guaranteed pricing structure for renewable energy, encouraging investment and economic development in Ontario.
- The program requires developers to have a certain percentage of their project costs and labour come from Ontario.

## **Fact**

Ontario now has more than 1,500 MW of wind generation capacity connected to the grid. In addition, over 600MW are expected to be added by the summer of 2013 under the FIT Program.







### THE RENEWABLE ENERGY APPROVAL PROCESS

- The Renewable Energy Approval (REA) process, is outlined in Ontario Regulation 359/09.
- The REA is a streamlined government approvals process which provides service guarantees for renewable energy projects.
- The REA process has mandatory set-back, environmental study and consultation components that must be adhered to.
- The proponent will submit an REA application to the Ministry of the Environment (MOE) for this project.
- MOE will assess the application for completeness and decide whether to issue an approval.
- Other agencies, including the Ministry of Natural Resources (MNR), and the Ministry of Tourism, Culture and Sport (MTCS), also review project reports for approval.
- After the application has been accepted, MOE will post it on the Environmental Registry for a 30-day public comment period.

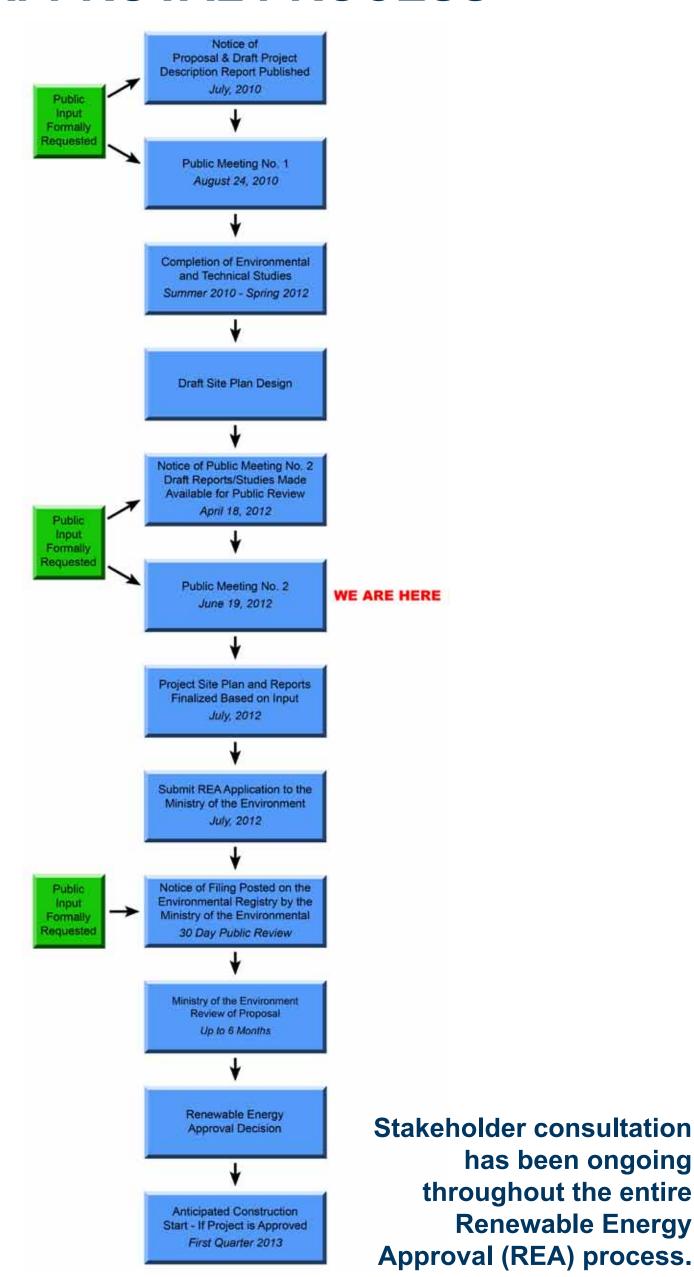








### THE RENEWABLE ENERGY APPROVAL PROCESS





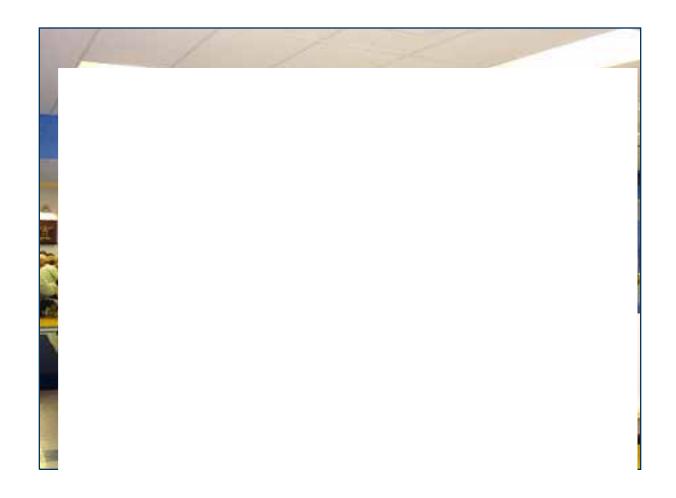




### **ROLE OF CONSULTATION**

Consultation with stakeholders is taking place to identify, assess, and mitigate any potential negative environmental effects.

Consultation with the public, local municipality, and aboriginal groups is an essential tool in establishing a two-way exchange of information.



### **Consultation will:**

- Provide a better understanding of the project and REA process.
- Allow the Project Team to obtain and use local knowledge in the project's designs and assessment of potential effects or concerns.
- Establish an ongoing dialog with all stakeholders that will be carried forward to the operational phase of the project.







### **PROJECT OVERVIEW**

- Wainfleet Wind Energy Inc. is proposing to develop a Class 4 Wind Energy Facility with a total nameplate capacity of 9 Megawatts (MW), with five (5) wind turbines proposed.
- The project will be located on privatelyowned agricultural lots in the Township of Wainfleet, in Niagara Region.









### **BENEFITS OF WIND POWER**

Wind power is a great energy option because:

- Wind is an endless resource.
- Wind turbines are quick to install and low maintenance once operational.
- Wind power compliments agricultural operations.
- Wind power projects allow for local ownership keeping more money in Ontario.
- Renewable Energy Projects are only paid for the power they generate, which is paid for by consumers.
- Wind power produces energy with stable production costs, compared to other energy sources with volatile fuel markets (i.e. oil and gas).
- Wind power is one of the lowest new build cost options, saving considerable money in the long run.
- Local content requirements ensure rates being paid for renewable energy result in jobs, economic development and energy diversification in Ontario.







### **COMMUNITY AND ENVIRONMENTAL BENEFITS**

### **Community Benefits**

- It will power the equivalent of 2,500 homes (i.e. approximately 85% of the total private dwellings in Wainfleet).
- It will create economic benefits for the local economy by purchasing goods and services during construction and operation.
- It will create job opportunities during construction, operation, and decommissioning phases.
- Generates tax revenue for the Township, Region, and School Board.
- Limited/no increased demand on local services (i.e. garbage collection and water/wastewater service).
- Land lease agreements with landowners will provide additional income for farmers.

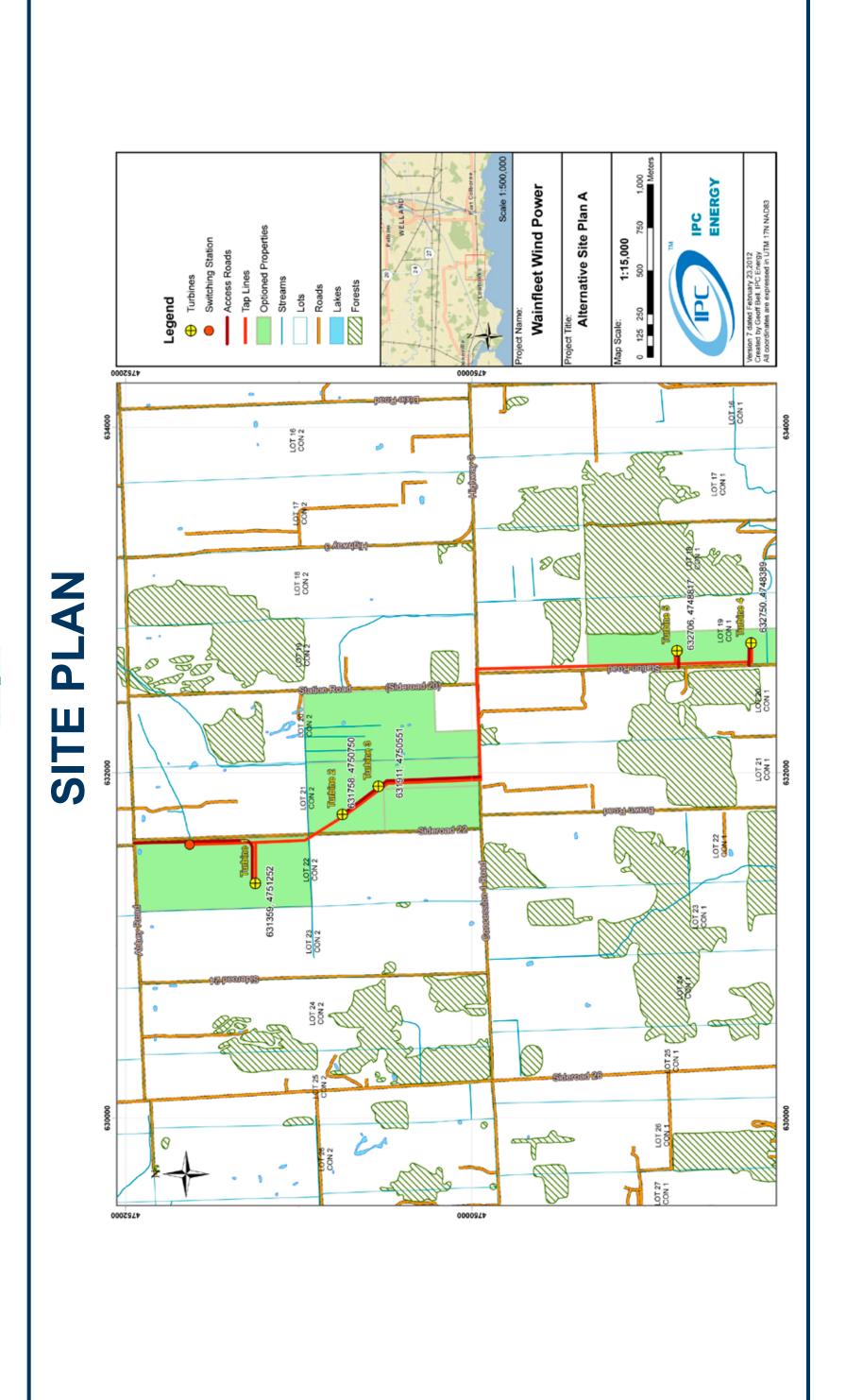
### **Environmental Benefits**

- It will provide a sustainable source of energy for future generations that does not produce greenhouse gas (GHG) emissions.
- The project is estimated to reduce greenhouse gas emissions by 14,000 tons per year.
- Low environmental impact associated with construction and operation.
- Does not use water or produce hazardous or toxic waste.
- Creates healthier living conditions by reducing air emissions including mercury, sulfur, and nitrogen oxides.

### **Facts**

- Fossil fuels impose costs on the economy in the form of health and environmental damage.
- The Canadian Medical Association estimates air pollution costs Ontario more than \$220 million in health care.
- The Ontario Medical Association's 2005 estimate for premature deaths in Ontario due to air pollution is 5,800 people per year.



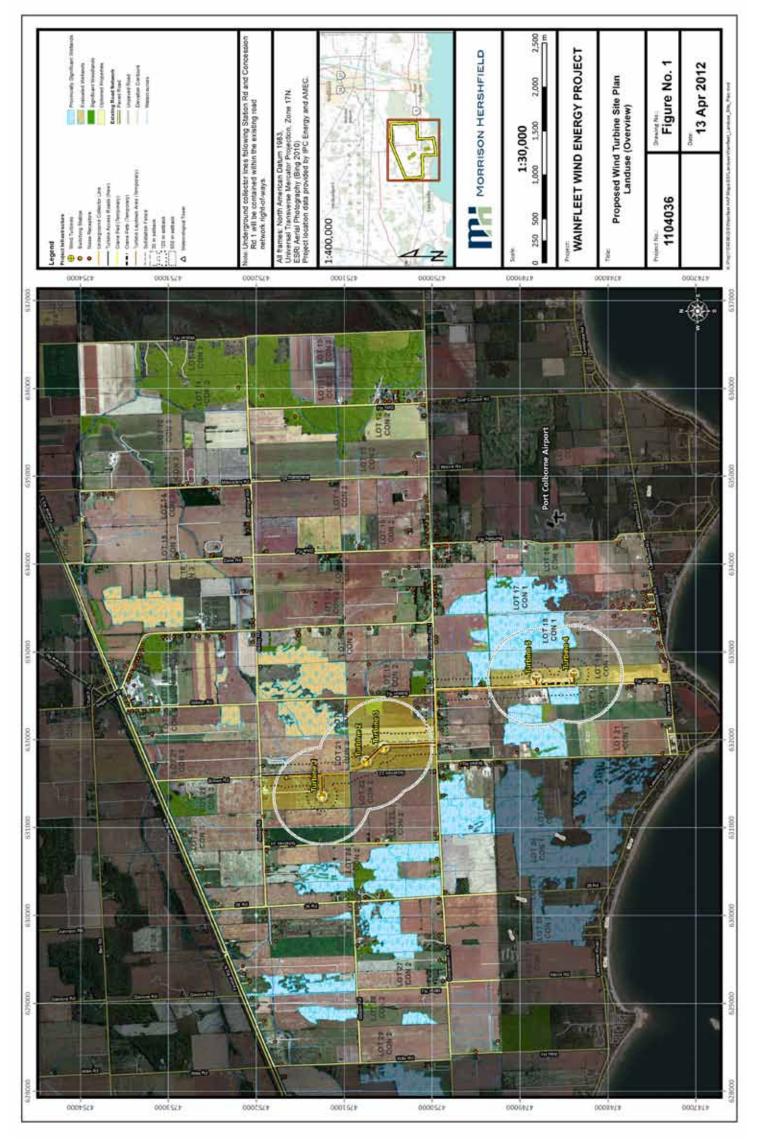






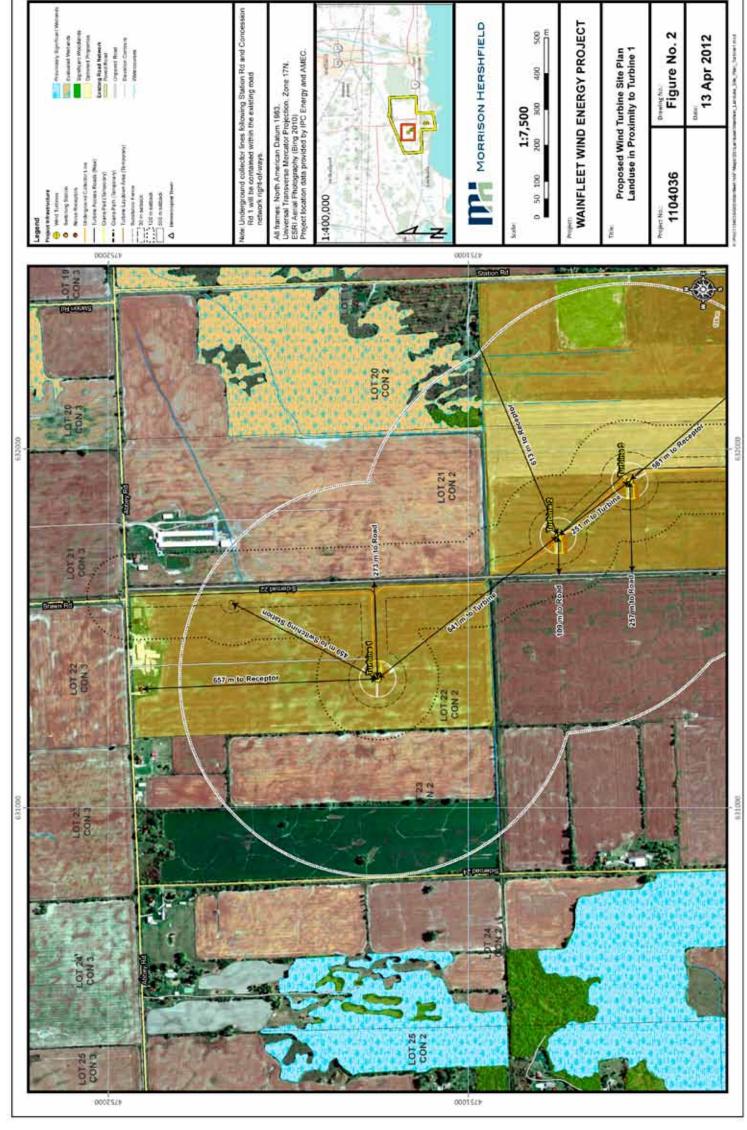


### **OVERVIEW MAP**



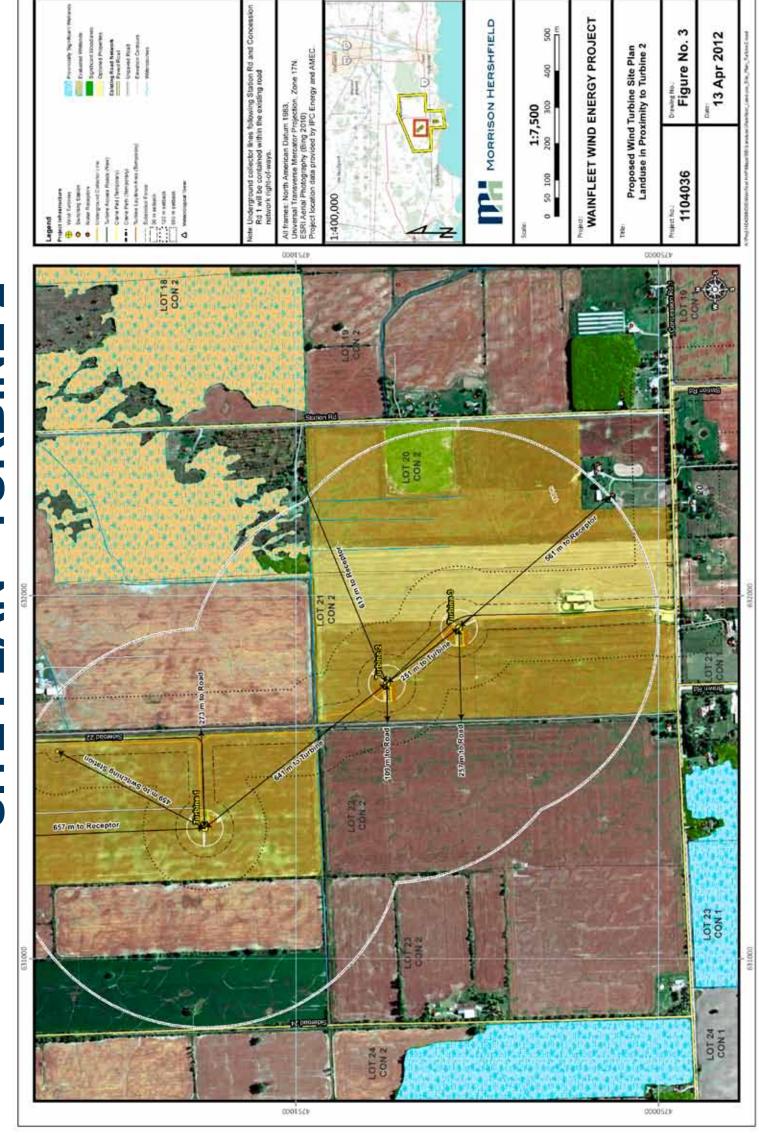








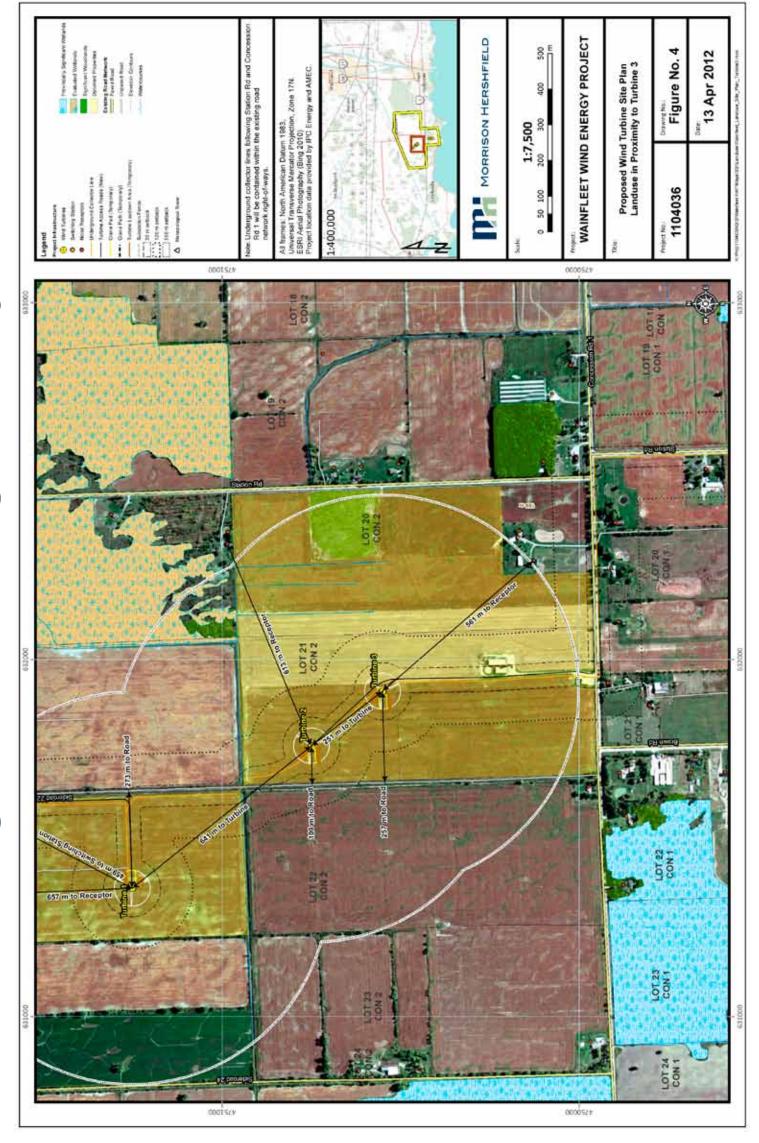






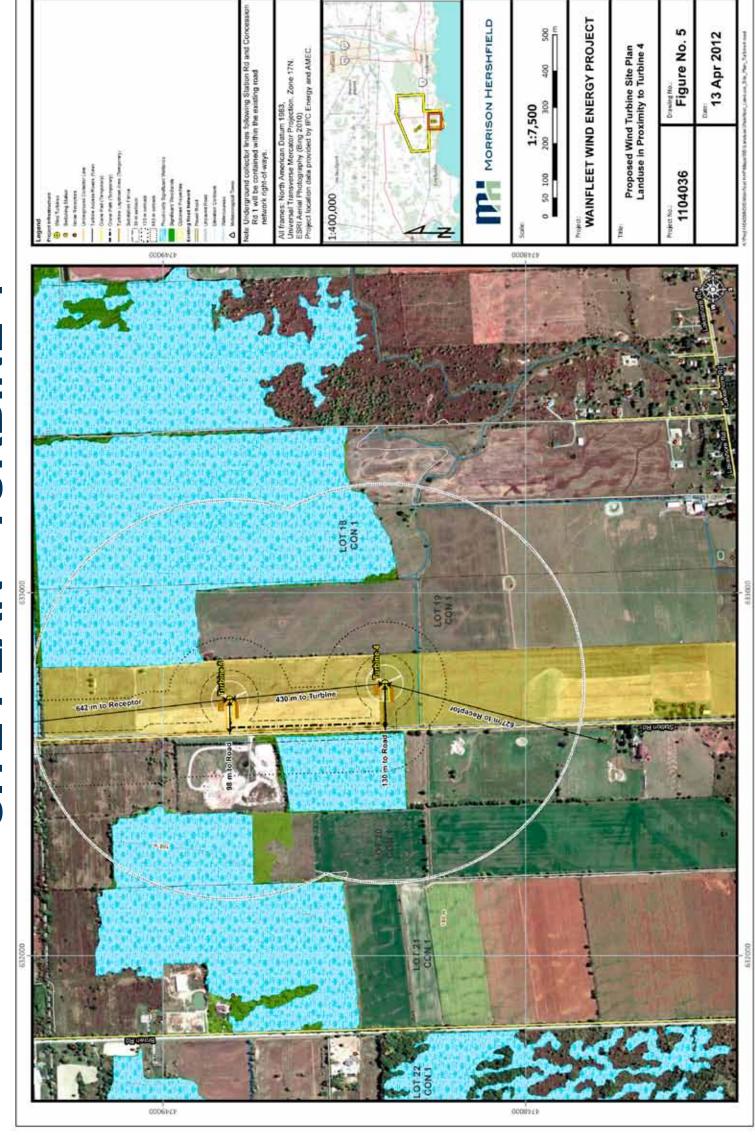






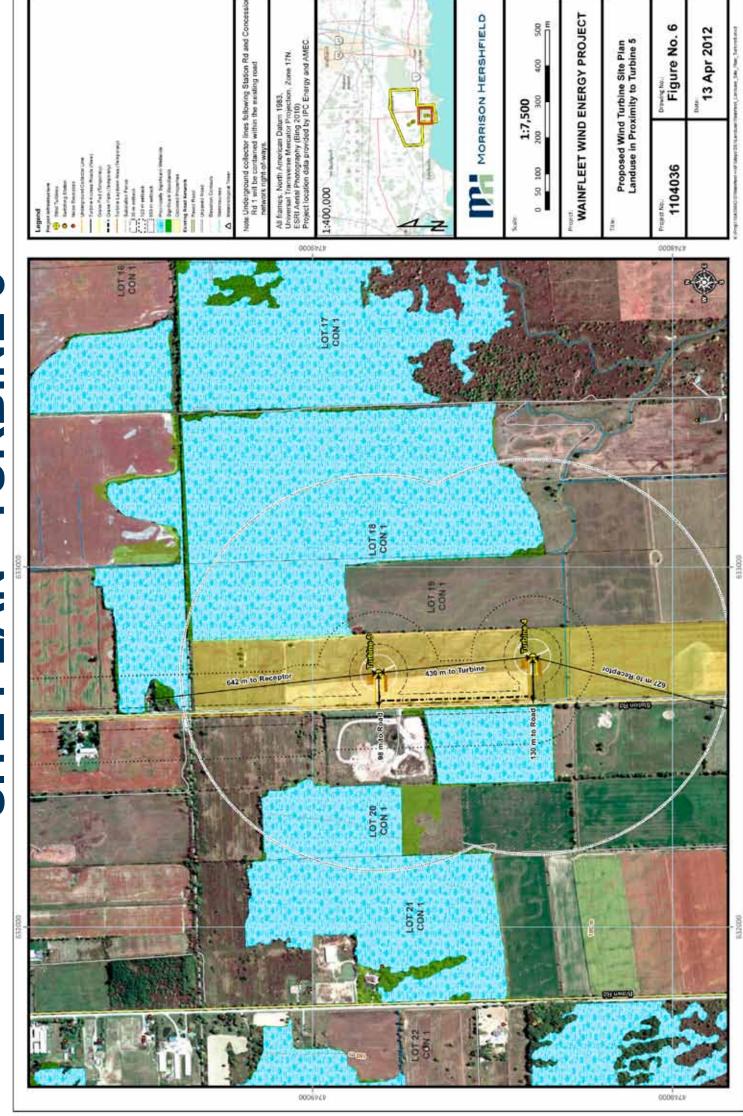




















ENERGY

### **PECIFICATIONS** TURBINE S

V100 1.8 MW Wind Turbine Model Vestas

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**Furbine Blades** 

Blade length of 49

Rotor diameter of 100 m

Swept area of 7850 m<sup>2</sup>

### Nacelle

generator, bearings, etc. Houses gearbox,

Height 5.4 m

Width 3.4 m

Length 10.4 m

### Tower

/er **Tubular Steel Tow** 

Height 95 m







# WIND ENERGY - HOW THE TECHNOLOGY WORKS

- the rotor to face the wind. A computer turns
- The blades begin to rotate when wind speeds reach approximately 8 km/h.
- drives a generator through a gearbox and converts Inside the nacelle, the blades propel a shaft that the mechanical power to electrical power.
- The electricity is carried down the cables inside the tower.
- the switching station, where it feeds directly into via the Hydro One distribution Underground collector lines carry the power to the electrical grid system.







### KEY COMPONENTS OF A TURBINE







### PROJECT FACILITIES, EQUIPMENT AND TECHNOLOGY

The major components of the project are as follows:

- Five (5) Wind Turbines
- Underground Collector System (27.6kV)
- Turbine Access Roads
- Switching Station
- Small Maintenance Building
- Meteorological Tower
- Temporary Crane Pad and Staging Areas Required for Construction







### **CONSTRUCTION PLAN**

### **Site Preparation**

- Survey land and stake turbine locations, access roads, underground collector system, and switching station
- Land clearing and preparation of construction staging areas

### **Construction of Facility**

- Access road construction and modification (approx. 7 m wide)
- Foundation construction (approx. 20 m<sup>2</sup> and 3 m deep)
- Installation of underground collector system (direct buried

and directional drilling)

- Delivery of equipment
- Tower and turbine assembly and installation
- Switching station construction (approx. 7 x 8 m)
- Testing and commissioning

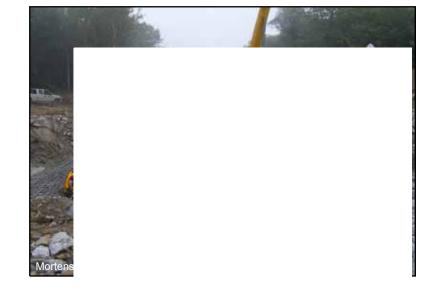
### **Site Clean Up and Restoration**

- Disturbed areas will be remediated
- Any waste or debris will be removed
- Excavated top-soil will be replaced/reapplied
- Re-vegetation and re-seeding
- Environmental monitoring

### **Traffic and Roads**

- Only designated transportation routes for the delivery of equipment will be used
- Use of municipal roads during construction will be subject to municipal design and operating restrictions
- Any project related road damages will be repaired

APPROXIMATE CONSTRUCTION SCHEDULE				
ACTIVITY	DATE			
Surveying and Geotechnical	March, 2013			
Building Permit	March, 2013			
Access Road Construction and Modification	April, 2013			
Foundation Construction	April, 2013			
Electrical Tapline Construction	May, 2013			
Delivery of Turbines	May, 2013			
Tower and Turbine Assembly and Installation	June, 2013			
Switching Station Construction	June, 2013			
Interconnection of Turbines to Switching Station	July, 2013			
Turbine Testing and Commissioning	August, 2013			
Site Restoration and Clean-Up	September, 2013			









### **DESIGN AND OPERATIONS**

The project will produce electricity for 20 years beginning in 2013 and will include:

- Employing 2-3 full-time workers
- Supervision control and data acquisition (SCADA)
- Remote monitoring of weather conditions
- Regularly scheduled maintenance activities
- Storm and lightning protection
- Emergency response and communications plan
- Environmental effects monitoring, including birds and bats







### **DECOMMISSIONING PLAN**

The Proponent has a FIT contract with the Ontario Power Authority guaranteeing that power generated at the facility will be purchased until 2033.

Each turbine has an approximate lifecycle of 25 years. Following this time, it is possible to extend the lifecycle of the facility by upgrading and replacing old components. Decommissioning of the facility and all associated costs, will be the responsibility of the Proponent.

Decommissioning activities will include removing:

- Turbines
- Foundations
- Underground collector system
- Switching station
- Meteorological tower



Restoration activities will include:

- Decompacting soil
- Re-grading
- Restoring soil nutrient content
- Re-vegetation and re-seeding

Decommissioning of the facility will comply with all applicable legislation in effect at that time.







### **ARCHAEOLOGY**

Archaeological Assessments are undertaken to determine if a project may have an effect on archaeological resources. Two stages of archaeological assessments were undertaken by A.M. Archaeological Associates for this project. The studies concluded the following:

### **Stage 1: May 2010**

- Provides a description and evaluation of all features with archaeological potential in the project study area.
- Archaeological potential was determined by proximity to several factors including: registered sites; historic transportation routes; historic structures; water sources; and modern development.
- The assessment determined that the entire study area containing the five proposed wind turbine locations has archaeological potential. A Stage 2 Archaeological Property Assessment was recommended.

### Stage 2: September 2010 - March 2012

- Studies assessed the locations of the five proposed turbines, underground collector system, access roads, switching station, and maintenance building.
- Based on negative test results, no further archaeological work is required.

The Archaeological Assessment Reports have been reviewed by the Ministry of Tourism, Culture and Sport.







### **CULTURAL HERITAGE**

Cultural Heritage Assessments are undertaken to determine if a project may have an effect on built heritage resources and cultural heritage landscapes. Unterman McPhail Associates completed the assessment for this project.

The historical summary of the study area showed some potential for cultural heritage resources of value and interest due to the agricultural development of the land in the 19<sup>th</sup> and 20<sup>th</sup> centuries. However, a review of the historical background, site surveys and municipal consultation information determined the potential heritage value and interest of the five (5) wind turbine sites was low. The study concluded the following:

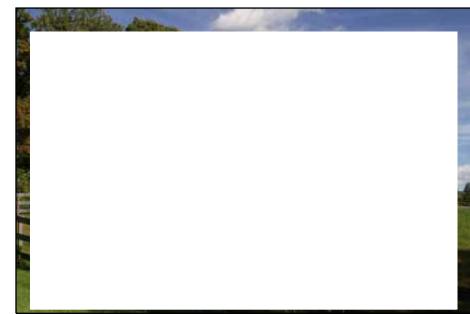
### **Built Heritage**

 There will be no direct impacts to built heritage resources.

### **Cultural Heritage Landscapes**

 Each of the 5 turbine locations are situated on agricultural land, which has been identified as a cultural heritage landscape.

• The sites will be affected by limited change in the viewshed in regard to the setting and character of the identified cultural heritage landscape.



The Cultural Heritage Assessment has been reviewed by the Ministry of Tourism, Culture and Sport.





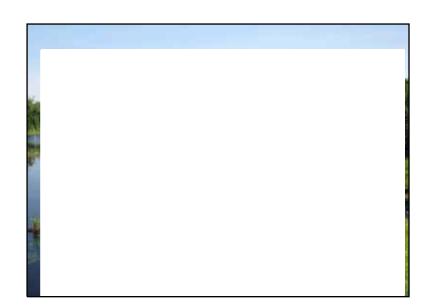


### NATURAL HERITAGE

A Natural Heritage Assessment Report was prepared to identify significant natural features within 120 m of the project location. Natural features were identified through a records review and site investigation.

All identified natural features were evaluated for significance using Ministry of Natural Resources (MNR) criteria. A total of 15 significant natural features were identified within 120 m of the project location. Results included:

- 1 provincially significant wetland
- 2 significant woodlands
- 1 significant valleylands
- 11 areas of significant wildlife habitat (rare vegetation community, old growth forest, amphibian breeding habitat, 2 bat maternity colonies, 2 landbird migratory stopover areas, amphibian movement corridor, special concern and S1-S3 species



habitat, woodland raptor nesting habitat, and woodland area-sensitive breeding bird habitat)

### Potential impacts include:

- Temporary disturbance to wildlife due to noise and dust
- Impacts to wildlife from entering the construction area
- Erosion/siltation
- Accidental spills
- Establishment of invasive and disturbance tolerant non-native species near the natural feature
- Avian and bat fatalities may occur due to collision with turbines

### Mitigation measures include:

- Fencing around the perimeter of construction areas
- Install and maintain sediment and erosion control measures
- No equipment storage or refueling within natural features
- Post-construction monitoring of birds and bats in accordance with MNR requirements and procedures. Should mortality exceed specified thresholds, additional mitigation measures will be implemented in consultation with the Ministry of Natural Resources.

For more details please see the Natural Heritage Assessment, Environmental Impact Study, and Environmental Effects Monitoring Plan for Birds and Bats.

These reports have been reviewed by the Ministry of Natural Resources.







### **WATER BODIES**

A Water Assessment and Impact Report has been prepared for this project to:

- Identify water bodies within 120 m of the project location
- Assess potential negative environmental effects
- Provide mitigation and monitoring requirements

Water bodies were identified using:

- Ministry of Natural Resources data
- Niagara Peninsula Conservation Authority mapping and data
- Township and Niagara Region mapping
- Geographic Information Systems (GIS) mapping
- Field investigations (December 2009, April 2010)

### Potential impacts include:

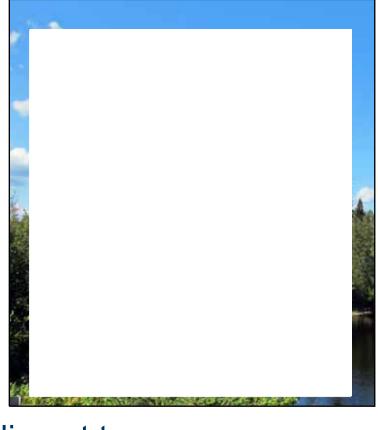
- Temporary change in surface water runoff patterns
- Erosion and sedimentation
- Vegetation removal
- Contamination from accidental spills

### Mitigation meaures include:

- Timely revegetation of exposed soils
- Installation of silt fencing and sediment traps
- Proper storage and transportation of materials
- Follow Department of Fisheries and Oceans Operational Statements

The project will require a water crossing for the installation of the underground collectors system. All applicable permits will be obtained from the Niagara Peninsula Conservation Authority.

For more details please see the Water Assessment and Impacts Report









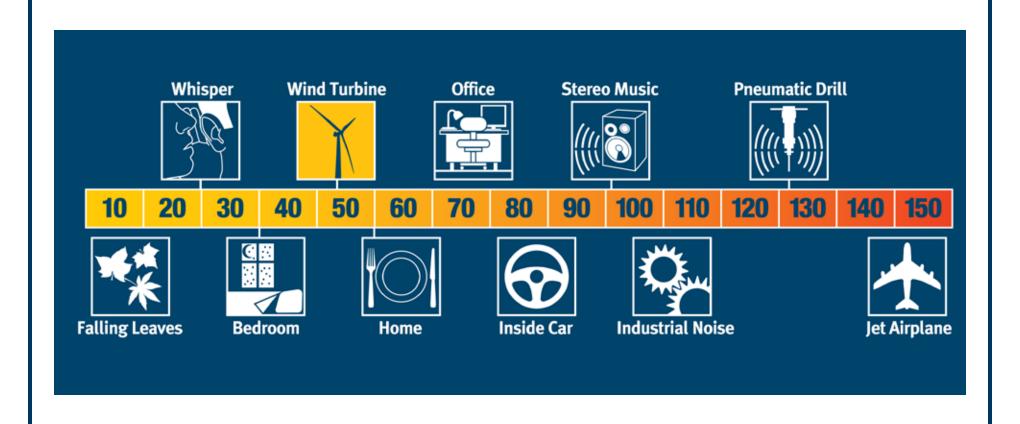
### **NOISE ASSESSMENT**

A Noise Assessment was undertaken by HGC Engineering to assess the acoustic impact of the project at nearby noise receptors.

Sound power data for the selected wind turbine generator model was obtained from Vestas. The data was used in a computer model to predict the sound level impact at the closest residential receptors.

The results demonstrate compliance with MOE Sound Level Limits for all non-participating noise receptors when all five turbines are operating over their entire speed range.

All regulations have been met by ensuring noise levels do not exceed specified levels (40 dBA) and siting wind turbines a minimum of 550 m from any non-participating point of reception.









### **NOISE ASSESSMENT MAP**

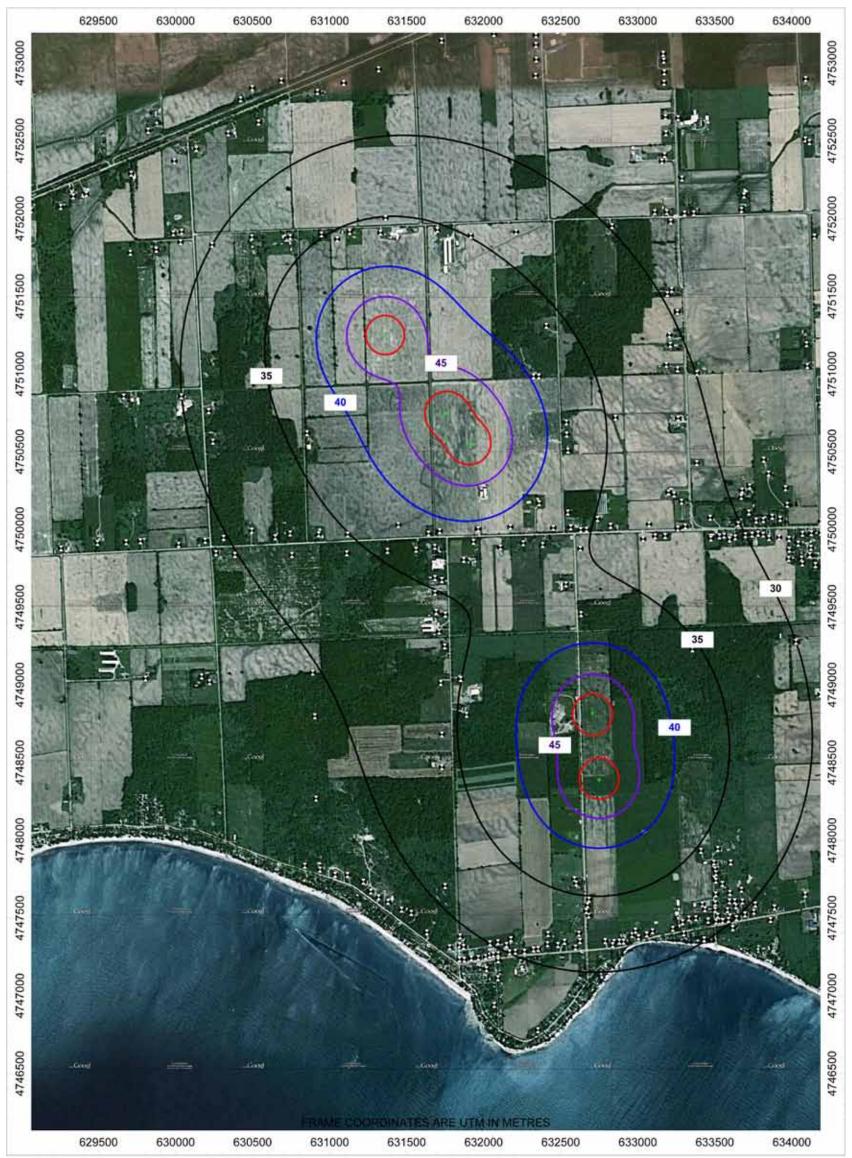


Figure 5: Predicted Sound Level Contours Leq [dBA] Wainfleet Wind Energy Project, Wainfleet, Ontario Sound Level Contours Calculated at a Height of 4.5 m









### **HEALTH AND SAFETY**

Wind energy is a safe and reliable source of energy, which has been in use for decades.

All project facilities and components will be maintained and operated in accordance with all applicable codes and regulations.

Public safety measures are being incorporated into all phases of the project, which include the preparation of an Emergency Response Plan.

A 2010 report, prepared by the Chief Medical Officer of Health for Ontario, titled "The Potential Health Impact of Wind Turbines" concluded that:

- While some people living nearby wind turbines report symptoms such as dizziness, headaches, and sleep disturbance, available scientific evidence to date does not demonstrate a direct causal link between turbine noise and adverse health effects.
- The sound level from wind turbines at common residential setbacks is not sufficient to cause hearing impairment or other direct adverse health effects, but it may annoy some people.

"According to the scientific evidence, there isn't any direct causal link between wind turbine noise and adverse health effects."

Dr. Arlene King, Ontario's Chief Medical Officer of Health

A 2009 study titled, "Wind Turbine Sound and Health Effects: An Expert Panel Review" concluded:

- There is nothing unique about the sound and vibrations emitted by wind turbines.
- The body of accumulated knowledge about sound and health is substantial.
- The body of accumulated knowledge provides no evidence that the audible or subaudible sounds emitted by wind turbines have any direct adverse physiological effects.

### Facts:

 MOE's 550 m setback from the nearest noise receptor is the largest legislated setback in all of North America.

• Setbacks were established based on the most up-to-date, peer-reviewed science.

 MOE's noise limit of 40 dBA has been in place for over 30 years and meets the World Health Organization's standards.







### **PROPERTY VALUES**

A 2010 study titled, "Wind Energy Study-Effect on Real Estate Values in the Municipality of Chatham-Kent" stated:

In the study area, where wind farms were clearly visible, there was no empirical evidence to indicate that rural residential properties realized lower sale prices than similar residential properties within the same area that were outside of the viewshed of a wind turbine.

The U.S Department of Energy's Lawrence Berkeley National Laboratory Study titled, "The Impact of Wind Power Projects on Residential Property Values in the United States: A Multi-Site Hedonic Analysis" concluded:

- There is no conclusive evidence of the existence of any widespread property value impacts that might be present in communities surrounding wind energy facilities.
- Neither the view of the wind facilities nor the distance of the home to those facilities is found to have any consistent, measureable, and statistically significant effect on home sale prices.

### Fact:

The Municipal Property Assessment Corporation (MPAC) is not reducing property assessments as a result of wind energy projects because there is not enough evidence to warrant a negative adjustment.









### WIND ENERGY MYTHS AND MISCONCEPTIONS

MYTH: Wind turbines are noisy.

**FACT:** Wind turbine technology over the past decade has rendered mechanical noise from turbines almost undetectable with the main sound being the aerodynamic swoosh of the blades passing the tower. There are strict guidelines on wind turbines and noise emissions to ensure the protection of residential amenity.

**MYTH:** Wind turbines are inefficient; they are only operational 30% of the time.

**FACT:** A modern wind turbine produces electricity 70-85% of the time, but it generates different outputs dependent on wind speed. Variations in the output from wind turbines can be predicted and balanced by grid operators using complementary energy sources.

MYTH: Wind energy needs back up to work.

**FACT:** All forms of power generation require back up and no energy technology can be relied on 100%. Variations in the output from wind farms are barely noticeable over and above the normal fluctuation in supply and demand.

MYTH: Building a wind farm takes more energy than it ever makes.

**FACT:** A wind turbine produces enough clean electricity in 3 to 5 months to offset all of the greenhouse gas emissions emitted in its manufacture. A modern wind turbine is designed to operate for more than 20 years and at the end of its working life, the area can be restored at low financial and environmental costs.

MYTH: Wind turbines cause significant bird mortality.

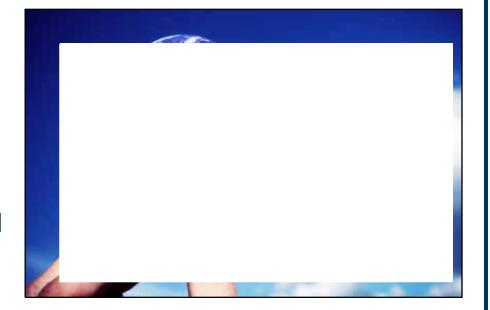
FACT: Post construction mortality reports for wind power projects across

Ontario have shown that approximately

2.5 birds per year are killed by individual turbines compared to the 10,000 birds killed per year in Toronto due to collisions with office towers.

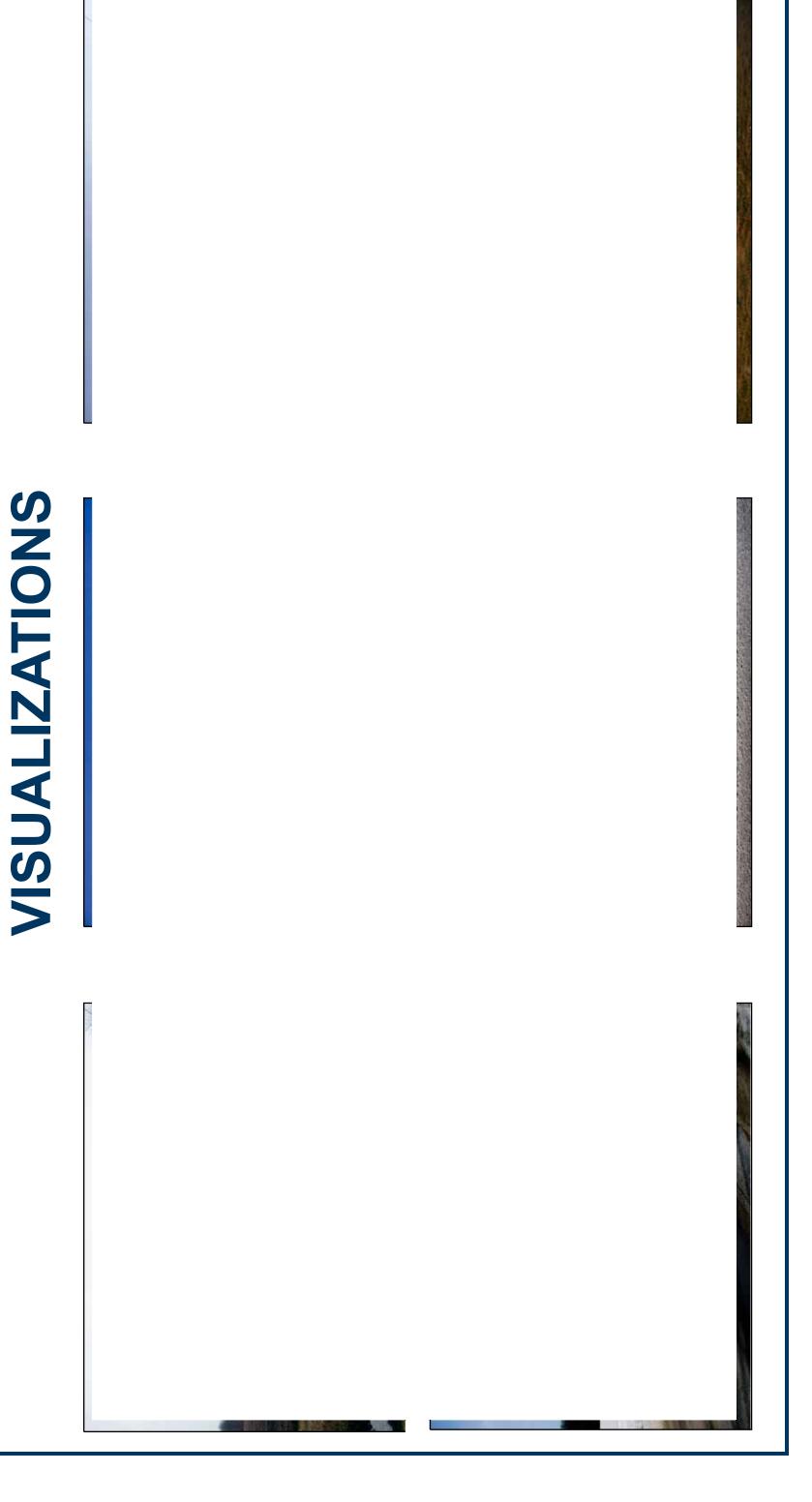
MYTH: Wind turbines are ugly.

**FACT:** Beauty is in the eye of the beholder, and whether you think a wind turbine is attractive or not will always be your personal opinion.













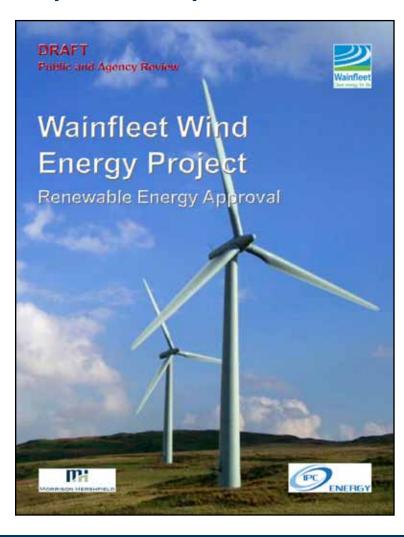


### DRAFT REPORTS AVAILABLE FOR PUBLIC REVIEW

- Project Description Report
- Wind Turbine Specifications Report
- Construction Plan Report
- Design and Operations Report
- Decommissioning Plan Report
- Cultural Heritage Assessment Report
- Stage 1 & 2 Archaeology Assessment Reports
- Noise Assessment Report
- Natural Heritage Assessment Report
- Environmental Impact Study Report
- Environmental Effects Monitoring Plan for Birds and Bats
- Water Assessment and Impact Report
- Study Area Map
- Site Plan
- Land-Use Mapping

Copies of these reports are available tonight for your review. Please ask a Project Team representative for assistance. Project reports and updates are also available on the project's website at:

www.wainfleetwindenergy.ca









### **NEXT STEPS**

- Continue consultation with stakeholders and incorporate feedback
- Submit REA application to the Ministry of the Environment
- Continue consultation with the local Township
- Start construction in Spring 2013\*
- Commercial operation date August

2013	•		•	
*Subject to receiving final REA				
	•		·	







### **PROJECT FEEDBACK**

Your input is a valued part of the Wainfleet Wind Energy Project. We encourage you to share your comments with us by completing a Comment Form.

Please deposit Comment Forms in the Comment Box provided.

To learn more about this project, please visit the project's website at www.wainfleetwindenergy.ca or contact:

OR

Mr. Tom Lewis
Project Manager

IPC Energy 2550 Argentia Road, Ste. 105 Mississauga, ON L5N 5R1

Tel.: (905) 607-1016 Fax: (905) 607-5995

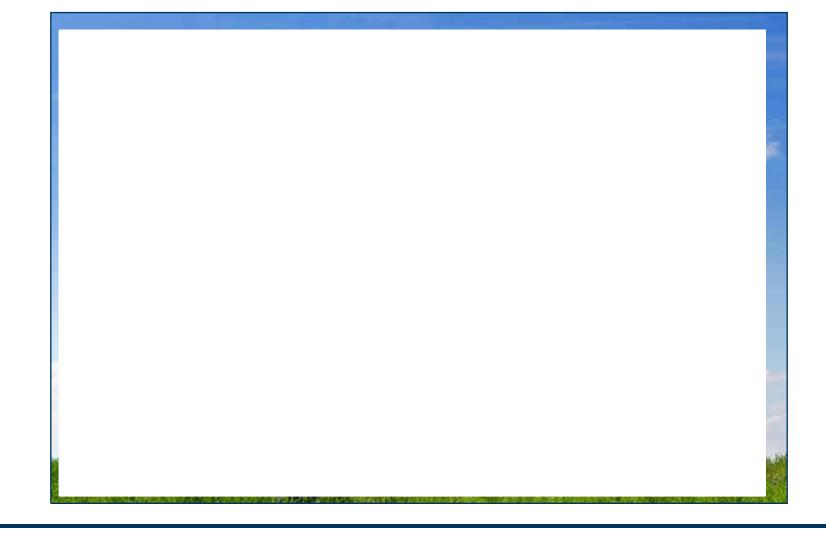
Email: tom@ipcenergy.ca

Ms. Britney Pringle Environmental Planner

Morrison Hershfield Limited 235 Yorkland Blvd., Ste. 600 Toronto, ON M2J 1T1

Tel.: (416) 499-3110 Fax: (416) 499-9658

Email: bpringle@morrisonhershfield.com









### **THANK YOU**

### Thank you for attending this Public Open House.

If you have any questions, please speak to any Project Team representative in attendance.

We also encourage you to fill out a Comment Form.

### **SIGN-IN SHEET**

### RENEWABLE ENERGY APPROVAL FOR THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #1

Tuesday, August 24, 2010
Township of Wainfleet, Firefighters Memorial Hall
31907 Park Street, Wainfleet, Ontario

### PLEASE PRINT CLEARLY

### PLEASE PRINT CLEARLY

NAME	ADDRESS	CITY	POSTAL CODE	TELEPHONE	EMAIL
DONNA CRIDLAND	10157 Cedar Crest	Wunfleet		905-835-797	18
RITA LOEFFEN	4569 hvy3	Wain Fleer	205/10	905-899.3	713
Sheri Loeffer	42431 Hwy 3	Wainfleet	- LOSIVO	905-899	2578
TOM RANKIN	3c1-1 Lell-she Ro	il		9-5-83	5-0668
JAMES Phan?	54051 WELLANDROAT	WHEN FIGE 7	LOS IVO	289-686-8663	
M. Paczynski	11825 Lakeshore Ra	//	11	905899-31	13
F.M. Macri	83560 OLD RIVER!	RDW WP.	LORZE	905386	7005
MARK AIRMANT	11780 HWY 3	WAINFUET	LOSIVO	905 899 1861	
MIKE PITT	11631 Burney Rd.	WAINFRET	205100	90599943	Mike OSkydisebracij com
Joe Pièrce	11636 Hwy #3	Wainfleet		905-899 174	) ,
Kelly Rudy Vink	21419 Outred Rd. RR2	PORT COLBORNE	L3KSV4	905835-2319	rudykellyvinkahatmail.com
LeeBott	11775 Lakeshore RD	Wainfleet	LOSIVO	5	Tee Sul
CLENN Cocke	11625 Breensby Kol	Wantleek	65 100	25 822 x38	george @ CRE CAMPBELL. COM
Wendy Veldman	9374 Twenty Rd.	Smithville		905 957-7874	

### **SIGN-IN SHEET**

### FOR THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012
Township of Wainfleet, Firefighters Memorial Hall
31907 Park Street, Wainfleet, Ontario

### PLEASE PRINT CLEARLY

### PLEASE PRINT CLEARLY

NAME	ADDRESS	CITY	POSTAL CODE	TELEPHONE	EMAIL
A. Carler	FREDER RD	Musican	205/10		
Jan & Juck		1/	4	PP-17K/Z	
TED WERNHAM	12037 CON 1	1.1	₩ 1 L	899-3708	
Heidi walt	12037 Conc#	winfleet	LOSINO	8-99-3708	
Starge Dayboll	12030 Con 1.	(1	1.1	905-899-224	N/A
ANNY PETNOUSKI	1200 hapestone Adw.	SI Cook	C2R619	901646-46	33
Hugh Goodwiffe	12245 Leduska Rd	Wandlil	LOS 1VO	905-899-	(14)
APIN JERS		/			
Theresa Zierle	41491 Halowany Za	. Wfl.	105/100	905-399	-2285
Made Decle	63029 PERRY NO 1	Valendyord	LORDUO	905 889	-1403
Q Malaway	3/49/2 MALOWAY RD	WAINFLEET	605 100	905 879-49	429
GERRY VELDHUIZEN	BIEG LAKESHOZEND	WAINFLEET	LOS 100	905 638 378	ව
APRIL JEFFS	11435 mar 44N'S POINT	WAINFLEET	L3K5V4	0	
FRANK DE BUYTE	12069 5747 1011 Rd.	WAINFLEET	L05/10	899.305	6

#### **SIGN-IN SHEET**

# FOR THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012 Township of Wainfleet, Firefighters Memorial Hall 31907 Park Street, Wainfleet, Ontario

#### PLEASE PRINT CLEARLY

#### PLEASE PRINT CLEARLY

NAME	ADDRESS	CITY	POSTAL CODE	TELEPHONE	EMAIL
Inite Merrit	too close to a IWT	Smithalle			
	Y:				
					30

#### **SIGN-IN SHEET**

# FOR THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012 Township of Wainfleet, Firefighters Memorial Hall 31907 Park Street, Wainfleet, Ontario

#### PLEASE PRINT CLEARLY

#### PLEASE PRINT CLEARLY

ADDRESS	CITY	POSTAL CODE	TELEPHONE	EMAIL
42568 #3	NAFWELEET	205/10		
RR#3	Wellandport	LORZJO		
RR43	Wollandfor	+LOR270		
69 Breckennige	St. Golf	LaWicy		
11985 augustine Pd.	Warfleet			
MPP ( NAY FORSTER	PORT Cous.	13K2W3	Pos 732-6884	
12150 Gallingar St	Wainfleet			
10423 LAKESTERERD	Wantlest	BKSVI	1835 8262	
RR#2 Wainfleet	V	265110		
11825 Lakelore	would	iawo		sets ince grail
0 12195 LAKESHORD	WANTLEET		9240149	
10			3991169	collection and year and or
42002 Huy 3, Box 164	Waintleet	Costuo	1	justen wilson@grailed
	PR#3  RR#3  RR#3  RP#3  69 Breckenrye  11985 angustone Ro  MPP (INDY FORSTER  12150 Gallinger St  10423 LAKESHORE  11825 Lawelse  0 12195 LAKESHORO  42000 HWY3, Box 164	42568 #3  RR#3  Wellandport  RR#3.  Wellandport  Bi Breckenning  St. Cath  11985 angustone Ra Wainflest  MPP (INDY FORSTER PORT Coss.)  12150 Gallinger St Wainflest  10423 LAKESHORD Wainflest  11825 Lawelere Wainflest  42000 HWY3, Box 164 Wounflest  42000 HWY3, Box 164 Wounflest	ADDRESS  CITY  CODE  42568 # S  Waterferer Los Ivo  RR#3  Wellandport LORDE  RR#3.  Wellandport LORDE  Wallendfort LORDE  GO Breckeninge St. Cath LDVICT  11985 augustone Rd Wanfled LOSIVO  MPP (INDY FORSTER BRT Cous. BK9M)  12150 Gallinger St Wainfleet LOSIVO  10423 LAKESTERED Wanfled LOSIVO  10423 LAKESTERED Wanfled LOSIVO  11825 Lakester Wounfleet  42000 HWY3, Bax 164 Wanfleet LOSIVO  42000 HWY3, Bax 164 Wanfleet LOSIVO	ADDRESS CITY CODE TELEPHONE  42568 # 3

# THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012
Township of Wainfleet, Firefighters Memorial Hall
31907 Park Street, Wainfleet, Ontario

1. How did you hear about the public meeting? (Circle all that apply)
a) Newspaper Advertisement
b) Letter
c) Word of mouth
d) Project Website
e) Other, please specify:
2. What is your main reason for attending?
Information-both pro and con
3. What questions or concerns did you have regarding this project?
Farmers Living close to windwills
4. Where your questions or concerns answered to your satisfaction? If no, please explain.
<u>yes</u>
5. From your perspective, what should be the most important consideration in developing this
wind energy project?
People Civing close and property value
affected

7. How could we have improved this Public Open House?
Show facts about established windfar
Show facts about established windfar in Canada Contorio) and oround the world
_
6. Additional Comments for the Project Team:
7. Would you like to receive any future correspondence about this project? (Please circle): Yes / No

## THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012
Township of Wainfleet, Firefighters Memorial Hall
31907 Park Street, Wainfleet, Ontario

1. How did you hear about the public meeting? (Circle all that apply)  a) Newspaper Advertisement
Letter
c) Word of mouth
d) Project Website
e) Other, please specify:
2. What is your main reason for attending?
FOR IMFORMATION
3. What questions or concerns did you have regarding this project?
Who are the God effects of referred Towers
4. Where your questions or concerns answered to your satisfaction? If no, please explain.
<u>efe</u>
5. From your perspective, what should be the most important consideration in developing this
wind energy project?
The need for Power (Ebdueal)

7. How could we have improved this Public Open House?
Cuffee Pot
6. Additional Comments for the Project Team:
3
7. Would you like to receive any future correspondence about this project? (Please circle) Yes No
Thank you for your participation. Comments will be maintained on file and will be included in study documentation. All personal information and comments provided will become part of the public record.

# THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012 Township of Wainfleet, Firefighters Memorial Hall 31907 Park Street, Wainfleet, Ontario

2. What is your main reason for attending?  Get wore not 3 show Support  3. What questions or concerns did you have regarding this project?  All where your questions or concerns answered to your satisfaction? If no, please explain.  Yes All reasonable guestions had concise answered.	1. How did you hear about the public meeting? (Circle all that apply) a) Newspaper Advertisement b) Letter c) Word of mouth d) Project Website e) Other, please specify: Fore your
4. Where your questions or concerns answered to your satisfaction? If no, please explain.	
	3. What questions or concerns did you have regarding this project?
answers.	
	answers.
5. From your perspective, what should be the most important consideration in developing this wind energy project?  Three greations are environment	wind energy project?

7. How could we have improved this Public Open House?
It was good and had topps of into
It was good and had tops of into
6. Additional Comments for the Project Team:
7. Would you like to receive any future correspondence about this project? (Please circle): Yes / No.

# THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012
Township of Wainfleet, Firefighters Memorial Hall
31907 Park Street, Wainfleet, Ontario

1. How did you hear about the public meeting? (Circle all that apply) a) Newspaper Advertisement b) Letter c) Word of mouth d) Project Website  Other, please specify: Wai Heat website
2. What is your main reason for attending?  10 5 Low Hat pat all Fleeters are against  Progress and scanad of their own shadows.
3. What questions or concerns did you have regarding this project?
to stitle illogical protest to this project.
4. Where your questions or concerns answered to your satisfaction? If no, please explain.
bright. Some of the best in the
5. From your perspective, what should be the most important consideration in developing this
wind energy project?
Enough red tape, enough backpeddling lets
- Ger

7. How coul	ld we have im	proved this Pub	lic Open House	<u>?</u> ,	186°	
$\mathcal{A}$	bit	mod	multime	/	ashe	
	*	***			J	
6. Additiona	al Comments	for the Project T	eam:		71	V 6
You	Lan	040	£11	SUDPOST	t. le	15 be
Dia	ners i	9	المامي	green	n en	1757
1 <sub>ec</sub>	nony 1	250				//
	<i></i>					
7 Would vo	u like to reco	ive any future co	rreenondonos	about this areis	ot2 (Places	irolo): Pod / NI=
r. wodia yo	u like to rece	ive any future co	nrespondence	about this proje	ictr (Please c	ircie): v eg / No

# THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012
Township of Wainfleet, Firefighters Memorial Hall
31907 Park Street, Wainfleet, Ontario

1. How did you hear about the public meeting? (Circle all that apply)  a) Newspaper Advertisement
b) Letter c) Word of mouth
d) Project Website
e) Other, please specify:
2. What is your main reason for attending?
To see what new info you have come up with.
with.
3. What questions or concerns did you have regarding this project?
·
Ŷ.
4. Where your questions or concerns answered to your satisfaction? If no, please explain.
No. Just more talk starting the real issues.
5. From your perspective, what should be the most important consideration in developing this
wind energy project?

# THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

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1. How did you hear about the public meeting? (Circle all that apply) a) Newspaper Advertisement b) Letter c) Word of mouth d) Project Website e) Other, please specify:
2. What is your main reason for attending?  SITE TOURS IN PESPECT to OST Skydiving  TACILITIES.
3. What questions or concerns did you have regarding this project?  5Ame As ABQUE.
4. Where your questions or concerns answered to your satisfaction? If no, please explain.
NO Not any person over asked to talk to me or even sain his
5. From your perspective, what should be the most important consideration in developing this wind energy project?  The SAFLY OF OW PAVACHTES

7. How could we have improved this Public Open House?
Be more Social,
6. Additional Comments for the Project Team:
Respect Local Bylaws.
7. Would you like to receive any future correspondence about this project? (Please circle): Yes / No
PLEASE PRINT CLEARLY
Thank you for your participation. Comments will be maintained on file and will be included in study documentation. All personal information and comments provided will become part of the public record.

# THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012
Township of Wainfleet, Firefighters Memorial Hall
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1. How did you hear about the public meeting? (Circle all that apply)
a) Newspaper Advertisement
b) Letter c) Word of mouth
d) Project Website
e) Other, please specify:
cy dilicity product opening.
2. What is your main reason for attending?
LEARN YOUR POINT OF UION.
DCAINO VIDIC 1910 OF CIBIO
3. What questions or concerns did you have regarding this project?
Parpented VA. 15
THOPERTY VACOB
- PROPERTY VALUE SKY DIVE BURNAGY
4. Where your questions or concerns answered to your satisfaction? If no, please explain.
100 100+ 015 DO ARIES ALL A. S. J. M. J. J. S.
NO. DOT FESTIVATED ALL APPLICATIONS WERE SAYING IN THE
WAS MUS AND THE KIET THING GOING
5. From your perspective, what should be the most important consideration in developing this
wind energy project?
a THE ORING OF THE PENIODOTE AC MINISTER OF
\$ THE OPINION OF THIS REDIOENTS OF WAINFLUST. WE DO
LIVE HERE.

7. How could we have improved this Public Open House?
6. Additional Comments for the Project Team:
7. Would you like to receive any future correspondence about this project? (Please circle): Yes No
PLEASE PRINT CLEARLY

# THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

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Township of Wainfleet, Firefighters Memorial Hall
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1. How did you hear about the public meeting? (Circle all that apply)
a) Newspaper Advertisement (b) Letter
c) Word of mouth
d) Project Website
e) Other, please specify:
2. What is your main reason for attending?
To make comments
¥ <del></del>
3. What questions or concerns did you have regarding this project?
Concerned that the residents of Wainlest are being
misropresented regarding the benefits of this
development, re: Weath ellects, property values,
actual electrical output wersus cost of project, e
4. Where your questions or concerns answered to your satisfaction? If no, please explain.
No. Vid not ask questions as the
project team is adomoting the project &
not listening to the concorns of the
residents,
5. From your perspective, what should be the most important consideration in developing this
wind energy project?
They should not be developed.
The distance was the transfer of

7. How could we have improved to	his Public Open Ho	use?			
Have a more	balanced	VIIW	"indi	eding	
what or how ot	her coup	trios	are	doing	lq
2 dm, netback,	32 dB.			)	1
6. Additional Comments for the P	roject Team:				
· · · · · · · · · · · · · · · · · · ·					
-					
		-			
7. Would you like to receive any fo	uture corresponde	nce about this	project?	(Please circle): \	es / No
PLEASE PRINT CLEARLY			,,,,	(1.00000).	

## THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012
Township of Wainfleet, Firefighters Memorial Hall
31907 Park Street, Wainfleet, Ontario

1. How did you hear about the public meeting? (Circle all that apply)
a) Newspaper Advertisement b) Letter
Word of mouth
d) Project Website e) Other, please specify: workeet Rate Payers
2. What is your main reason for attending?
I am opposed to the current design and sotbour
of this particular project. I am uncertain as to
the physical distribution and size of the torbines of the existing set backs.  3. What questions or concerns did you have regarding this project?
3. What questions or concerns did you have regarding this project?
- Hu many principals, employees, investors, technicians
_ board of directors live less than 2k from a
wind tortone?
If these turbiner are so safe. Why will the
4. Where your questions or concerns answered to your satisfaction? If no, please explain.
For lost land value or tax revenue?
why has the developer not looked part existing
regulations and considered more current
proticoles for 1WT5? Dennark, Australia? etc.
5. From your perspective, what should be the most important consideration in developing this
wind energy project?
Heath it salety of the residents of the
towship. A commitment by the developer
to take responsibility for the loss of health
and proporty include of whitelpot residents

7. How could we have improved this Public Open House?
6. Additional Comments for the Project Team:
WHAT ARE THE DIRECT is not cash benefits
at this project to the citizens of wainfleet?
AS THE REAL PROPORTION DONNER WHY are
We have seeing projection
WHY DO THE RESIDENTS OF WAINFLEET
NOT HAVE THE FINIAL SAY IN WHERE
IWTS ARE LOCATED?
IF THE IMPACT OF THESE IWTS IS NECHATIVE
WHO PAYS ?
7. Would you like to receive any future correspondence about this project? (Please circle): Yes / No
Thank you for your participation. Comments will be maintained on file and will be included in study documentation. All personal information and comments provided will become part of the public record.
WILL LIVE < 1 km at from a

proposed INT. and <1.5 km

from 2.

# THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012
Township of Wainfleet, Firefighters Memorial Hall
31907 Park Street, Wainfleet, Ontario

1. How did you hear about the public meeting? (Circle all that apply)
a) Newspaper Advertisement b) Letter v
c) Word of mouth
d) Project Website
e) Other, please specify:
2. What is your main reason for attending?
Support
3. What questions or concerns did you have regarding this project?
11 00 0 1 ml = DOS Casta
Hope project goes forward.
4. Where your questions or concerns answered to your satisfaction? If no, please explain.
(V-C)
5. From your perspective, what should be the most important consideration in developing this
wind energy project?
lool as acolina of along plantil
Local generation of clean trechille
Local generation of clean electricite  New and exciting.
TOUR STREET STREET

		-					
Additiona	Comments for	the Project Te	eam:				
lev-	discou	raged	by loc	cal	mu	nicipal	
coche	٠١,	0	I.				
	Very	short	, kht.	es.	had	nicipal leadorsh	:0
				<del>)</del>			4
Nould you	ı like to receive	any future co	rreenondence	hout thi	e project	? (Please circle):(Y	2
Todia you	. mo to receive	uny luture co	respondence t	about till	o project	L (I lease circle).	99

# THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012
Township of Wainfleet, Firefighters Memorial Hall
31907 Park Street, Wainfleet, Ontario

1. How did you hear about the public meeting? (Circle all that apply) a) Newspaper Advertisement b) Letter c) Word of mouth d) Project Website e) Other, please specify:
2. What is your main reason for attending?
TO MONITOR MISINFORMATION FROM THE DELELOPER
3. What questions or concerns did you have regarding this project?
MONE
St Line 1 3
4. Where your questions or concerns answered to your satisfaction? If no, please explain.
,
5. From your perspective, what should be the most important consideration in developing this wind energy project?
A 2KM+ SEJBACK DISTANCE, A 32 dB WOLLE
LEVEL: 100.20 INDEMNIFICATION FOR LOST PROPERTY

7. How could we have improved this Public Open House?
NA
6. Additional Comments for the Project Team:
ONTHERD HAS EXCESS CAPACITY WHICH IT SELLS
OFF BY PAYING OTHER THRUSCIAN TO TAKE IT.
THERE IS NO WEED FOR WIND GENERATED POWER
THAT PRODUCES AT 30-35% of CAPACITY WHICH CAPACITY WILL DIMINISH to 15% OVER 7 YRS
CONTROLLY WILLIAM SO 136 OFFER 1 9RS
YOU ARE HE USELOPING GOTIND (KOUFIS AT A MASSIVE
YOU ARE DEVELOPING WIND PROFITS TO YOU.
TRY ANDCHER TOWNSHIP.
•
7. Would you like to receive any future correspondence about this preside?
7. Would you like to receive any future correspondence about this project? (Please circle) Yes No

# THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012 Township of Wainfleet, Firefighters Memorial Hall 31907 Park Street, Wainfleet, Ontario

1. How did you hear about the public meeting? (Circle all that apply)
a) Newspaper Advertisement
b) Letter
c) Word of mouth
d) Project Website
e) Other, please specify: Newspaper
2. What is your main reason for attending?
3. What questions or concerns did you have regarding this project?
H will a good of the organist organis
be compensated for property devaluation
he consensated was property desclustion.
4. Where your questions or concerns answered to your satisfaction? If no, please explain.
most of your information is outdated
5. From your perspective, what should be the most important consideration in developing this
wind energy project?
Health conserns and property Prefection
wour accountability is very greetionable
Health concerns and property protection.  your accountability is very questionable

6. Additional Comments for the Project Team:  You are not willing to admit that  Property values will decrease and man.  Sales ball by the way side because of TWT  Araperty value protection should be often  by IWT's if it is true to what they  Saying  how about putting money where your  Mouth is?	How could we have improved this Public Open House?	
property values will decrease and many sales ball by the way side because of TWT  property value protection should be offen by IWT's if it is true to what they saying  how about putting money where your  Mouth is?	Additional Comments for the Project Team:	
property value protection should be often. by INT's if it is true to what they saying how about putting money where your Mouth is?		<u> </u>
Saying how about putting money where your mouth is?	signesty vulue protection should be ofh	ere.
Mouth is?	aying.	, <u>y</u>
	outh is?	
<u>7. Would you like to receive any future correspondence about this project?</u> (Please circle): Yes / N	<b>Nould you like to receive any future correspondence about this project?</b> (Please circle): Y	es / No

# THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012
Township of Wainfleet, Firefighters Memorial Hall
31907 Park Street, Wainfleet, Ontario

1. How did you hear about the public meeting? (Circle all that apply) a) Newspaper Advertisement
b)Letter
c) Word of mouth
d) Project Website
e) Other, please specify:
2. What is your main reason for attending?
Information.
Consern re health & effect on environment
3. What questions or concerns did you have regarding this project?
Are ther any regulations or density of turbenes
4. Where your questions or concerns answered to your satisfaction? If no, please explain.
5. From your perspective, what should be the most important consideration in developing this wind energy project?
we want lower electivity notes in rural
areas.
Minimal regative, repart of the environment - humans,

6. Additional Comments for the Project Team:
<del></del>
7. Would you like to receive any future correspondence about this project? (Please circle): Yes / No.
Thank you for your participation. Comments will be maintained on file and will be included in study documentation. All personal information and comments provided will become part of the public record.

# THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012
Township of Wainfleet, Firefighters Memorial Hall
31907 Park Street, Wainfleet, Ontario

	1. How did you hear about the public meeting? (Circle all that apply) (a) Newspaper Advertisement b) Letter c) Word of mouth d) Project Website e) Other, please specify:
9	2. What is your main reason for attending?  Concur about the health & safety of people, luring
겧	concern about property devaluation
	3. What questions or concerns did you have regarding this project?
	How will non-participating members of the community be compensated for property devaluation
	. 8
	4. Where your questions or concerns answered to your satisfaction? If no, please explain.
	No mention of compensation is ever made so
	non participating neighbours have to assume an
	unfair financial Rick for this project.
	5. From your perspective, what should be the most important consideration in developing this wind energy project?
	Total lack of compensation to people that
	may loose their life surings because their
	home becomes unsaliable or property values
	decrease by 20 - 50%

7. How could we have improved this Public Open House?
Have a question - answer session where you are
held accountable
6. Additional Comments for the Project Team:
Turbine 2 + 3 are too close together
Denmark is going with a 10 blade length
distance so the turbines do not interfer
with each other - wind turbulance -
- barometric pressure -
what about the bats and barotrouma -
can this affect people as well? what
scientific study are you following?
7. Would you like to receive any future correspondence about this project? (Please circle): Yes / No.

## THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012
Township of Wainfleet, Firefighters Memorial Hall
31907 Park Street, Wainfleet, Ontario

1. How did you hear about the public meeting? (Circle all that apply) a) Newspaper Advertisement b) Letter c) Word of mouth d) Project Website e) Other, please specify:  2. What is your main reason for attending?
BET INFORMATION
3. What questions or concerns did you have regarding this project?
SIZE OF TURBINE
Noise
4. Where your questions or concerns answered to your satisfaction? If no, please explain.  Yes very in formative
5. From your perspective, what should be the most important consideration in developing this wind energy project?  SAFETY + local concerns especially
concerns of local parachute club.

7. How could we have improved this Public Open House?
Nothing I can think of.
6. Additional Comments for the Project Team:
7. Would you like to receive any future correspondence about this project? (Please circle): (Please circle):



July 12, 2012

Mr. C. Neale
Perry Road, R.R. #1
Wellandport, Ontario
L0R 1J0

Re: Wainfleet Wind Energy Project
Response to Comments at Public Open House #2

Dear Mr.

Thank you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday June 19, 2012. We would like to inform you that we have received your completed comment form and that it has been carefully reviewed by project team members. All comments will be included in the project's Consultation Report submitted to the Ministry of Environment (MOE) for review. At this time, we would like to provide you with a response regarding how your comments were considered and provide additional information regarding the project.

On your completed comment form you identified that the most important consideration in developing this project should be the need for electrical power.

The project team agrees that the need for power, including clean and renewable sources of energy is an important aspect in developing this project. This project will contribute to creating a more resilient energy system and sustainable future for Niagara Region and Ontario residents. This project is a very good alternative to meeting our present and future energy needs, free of coal-fired generation. Wind turbines rely on the wind for fuel, which is an endless source of energy. In addition, this small 9MW project will power the equivalent of 2,500 homes (i.e. approximately 85% of the total private dwellings in Wainfleet).

**Next Steps:** The Proponent (Wainfleet Wind Energy Inc.) is expecting to submit the project's Renewable Energy Approval (REA) application to the Ministry of the Environment (MOE) for review in July 2012. Once the application has been accepted by MOE it will be posted on the Environmental Registry for an additional 30-day public comment period. MOE will have up to six (6) months to make a decision on the project.

Please continue to check the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) for updated information on the project, as it becomes available. If you require any further clarification about this project please do not hesitate to contact us.

#### Yours truly,

#### Mr. Tom Lewis

Project Manager, IPC Energy 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1 Office: (905) 607-1016

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: tom@ipcenergy.ca

#### **Ms. Britney Pringle**

Environmental Planner, MH 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com





July 12, 2012

Mr.

Gallinger Street Wainfleet, Ontario LOS 1V0

Re: Wainfleet Wind Energy Project

Response to Comments at Public Open House #2

Dear Mr.

Thank you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday June 19, 2012. We would like to inform you that we have received your completed comment form and would like to thank you for your comments in support of this environmentally friendly wind energy project.

**Next Steps:** The Proponent (Wainfleet Wind Energy Inc.) is expecting to submit the project's Renewable Energy Approval (REA) application to the Ministry of the Environment (MOE) for review in July 2012. Once the application has been accepted by MOE it will be posted on the Environmental Registry for an additional 30-day public comment period. MOE will have up to six (6) months to make a decision on the project.

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#### Ms. Britney Pringle

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Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com



July 12, 2012

Ms.

Malowany Road Wainfleet, Ontario L0S 1V0

Re: Wainfleet Wind Energy Project

Response to Comments at Public Open House #2

Dear Ms.

Thank you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday June 19, 2012. We would like to inform you that we have received your completed comment form and that it has been carefully reviewed by project team members. All comments will be included in the project's Consultation Report submitted to the Ministry of Environment (MOE) for review. At this time, we would like to provide you with a response regarding how your comments were considered and provide additional information regarding the project.

On your completed comment form you identified that the most important consideration in developing this project should be people living too close and affects to property values.

All of the proposed turbines for the Wainfleet Wind Energy Project will adhere or exceed the minimum 550 metre setback requirement and 40 dBA sound power level from all non-participating noise receptors (i.e. residences, places of worship, schools, etc.). These setback distances were established by the Ministry of Environment (MOE) based on a cautions scientific approach to protect human health and safety. In order for the project to be approved by MOE it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

The project team respects concerns identified by the local community regarding potential impacts to property values however, based on best available research and studies conducted in Canada, the United States, and in Europe there is no statistical evidence to support a direct correlation between wind turbines and property devaluation. A U.S. study released by the Lawrence Berkeley National Laboratory found no conclusive evidence of the existence of any widespread property value impacts that might be present in communities surrounding wind energy facilities even when concentrating on homes located within a mile and sold immediately following the announcement of a new wind farm. This study looked at the sale of 7,500 single family homes situated within 10 miles of 24 existing wind facilities in nine different U.S. states. Another study concentrating on real estate values in the Municipality of Chatham-Kent, Ontario also found similar results that there is no statistical data to demonstrate that wind farms negatively affect rural residential property values.

**Next Steps:** The Proponent (Wainfleet Wind Energy Inc.) is expecting to submit the project's Renewable Energy Approval (REA) application to the Ministry of the Environment (MOE) for review in July 2012. Once the application has been accepted by MOE it will be posted on the Environmental Registry for an additional 30-day public comment period. MOE will have up to six (6) months to make a decision on the project.

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# Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658





Mr.

Concession 1 Wainfleet, Ontario LOS 1V0

Re: Wainfleet Wind Energy Project

Response to Comments at Public Open House #2

Dear Mr.

Thank you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday June 19, 2012. We would like to inform you that we have received your completed comment form and that it has been carefully reviewed by project team members. All comments will be included in the project's Consultation Report submitted to the Ministry of Environment (MOE) for review. At this time, we would like to provide you with a response regarding how your comments were considered and provide additional information regarding the project.

On your completed comment form you identified that your most important considerations in developing this project should be safety and local concerns, especially the concerns of the local parachute club.

To ensure the safety of the local community and nearby residents the Ministry of the Environment has established strict guidelines and setbacks that must be adhered to. All of the proposed turbines for the Wainfleet Wind Energy Project will adhere or exceed the minimum 550 metre setback requirement and 40 dBA sound power level from all non-participating noise receptors (i.e. residences, places of worship, schools, etc.). These setback distances were established by the Ministry of Environment (MOE) based on a cautions scientific approach to protect human health and safety. In order for the project to be approved by MOE it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

Wainfleet Wind Energy Inc. is taking local concerns regarding this project seriously as public consultation is a very important aspect of the Wainfleet Wind Energy Project. Wainfleet Wind Energy Inc. has made every reasonable effort to have meaningful consultation with the surrounding local community and municipality in the design of the this project, and remains committed to developing this environmentally friendly wind energy project in a mutually beneficial manner with the surrounding community. In order for the project to be approved by the Ministry of the Environment (MOE), the proponent must demonstrate that it has fulfilled the public and municipal consultation requirements set out in Ontario Regulation 359/09. As part of the REA process we must document how we have incorporated public and municipal

ideas/suggestions into the design of the project and how we have addressed or mitigated any identified concerns.

With regards to Skydive Burnaby NAV Canada and Transport Canada (TC) have been consulted regarding the project's proposed turbine locations to ensure that local aviation operations and safety is not compromised. The project has submitted an Aeronautical Obstruction Clearance Form to TC to evaluate the project's turbine locations and to determine turbine lighting and painting requirements. NAV Canada has also assessed the project to ensure that the project does not interfere with any communication or navigation instruments or facilities.

We have also been in direct correspondence with the owners of Skydive Burnaby regarding their concerns. The project team has made significant efforts to meet with the owners to understand and address their concerns, where possible. Consultation with this stakeholder remains ongoing, and the Proponent remains hopeful that Skydive Burnaby will agree to a meeting to further discuss concerns.

The Project Team has also corresponded with the Canadian Sport Parachuting Association (CSPA) in an attempt to clarify an appropriate setback distances from such a facility. To date the suggestions provided by CSPA have not been applicable to the project."

**Next Steps:** The Proponent (Wainfleet Wind Energy Inc.) is expecting to submit the project's Renewable Energy Approval (REA) application to the Ministry of the Environment (MOE) for review in July 2012. Once the application has been accepted by MOE it will be posted on the Environmental Registry for an additional 30-day public comment period. MOE will have up to six (6) months to make a decision on the project.

Please continue to check the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) for updated information on the project, as it becomes available. If you require any further clarification about this project please do not hesitate to contact us.

Yours truly,

#### Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

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#### Ms. Britney Pringle

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Office: (416) 499-3110 Fax: (416) 499-9658





Ms.

Highway 3, P.O. Box 164 Wainfleet, Ontario L0S 1V0

Re: Wainfleet Wind Energy Project

Response to Comments at Public Open House #2

Dear Ms. McIntyre:

Thank you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday June 19, 2012. We would like to inform you that we have received your completed comment form and would like to thank you for your comments in support of this environmentally friendly wind energy project.

**Next Steps:** The Proponent (Wainfleet Wind Energy Inc.) is expecting to submit the project's Renewable Energy Approval (REA) application to the Ministry of the Environment (MOE) for review in July 2012. Once the application has been accepted by MOE it will be posted on the Environmental Registry for an additional 30-day public comment period. MOE will have up to six (6) months to make a decision on the project.

Please continue to check the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) for updated information on the project, as it becomes available. If you require any further clarification about this project please do not hesitate to contact us.

Yours truly,

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# Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658



Mr.

Highway 3, P.O. Box 164 Wainfleet, Ontario L0S 1V0

Re: Wainfleet Wind Energy Project

Response to Comments at Public Open House #2

Dear Mr.

Thank you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday June 19, 2012. We would like to inform you that we have received your completed comment form and would like to thank you for your comments in support of this environmentally friendly wind energy project.

**Next Steps:** The Proponent (Wainfleet Wind Energy Inc.) is expecting to submit the project's Renewable Energy Approval (REA) application to the Ministry of the Environment (MOE) for review in July 2012. Once the application has been accepted by MOE it will be posted on the Environmental Registry for an additional 30-day public comment period. MOE will have up to six (6) months to make a decision on the project.

Please continue to check the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) for updated information on the project, as it becomes available. If you require any further clarification about this project please do not hesitate to contact us.

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# Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658



Mr. Widdicombe Hill Etobicoke, Ontario M9R 1A9

Re: Wainfleet Wind Energy Project

Response to Comments at Public Open House #2

Dear Mr.

Thank you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday June 19, 2012. We would like to inform you that we have received your completed comment form and that it has been carefully reviewed by project team members. All comments will be included in the project's Consultation Report submitted to the Ministry of Environment (MOE) for review. At this time, we would like to provide you with a response regarding how your comments were considered and provide additional information regarding the project.

On your completed comment form you identified that your most important considerations in developing this project should be lower electricity rates in rural areas and minimal negative impacts on the environment (i.e. humans, fauna and flora). You also inquired as to if there are any regulations in the density of turbines.

The Ontario Energy Board (OEB) regulates energy prices within Ontario, and has created a Regulated Price Plan (RPP) which establishes rates that consumers are charged. The Proponent of this project (Wainfleet Wind Energy Inc.) has no control regarding energy pricing in Ontario. For further information regarding energy planning and pricing in Ontario please visit the Ministry of Energy's website (<a href="https://www.energy.gov.on.ca">www.energy.gov.on.ca</a>).

The Ministry of Environment (MOE) has established strict setback requirements that the project must adhere to (i.e. noise receptors, public roads, natural features etc.), which were established to avoid impacts to surrounding land, environment, and people. All of the proposed turbines for the Wainfleet Wind Energy Project will adhere or exceed the minimum 550 metre setback requirement and 40 dBA sound power level from all non-participating noise receptors (i.e. residences, places of worship, schools, etc.). These setback distances were established by the Ministry of Environment (MOE) through conservative, science-based calculations based on the most up-to-date science in order to protect human health and safety. In order for the project to be approved by MOE it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

The Proponent has also undertaken extensive studies for noise, archaeology, cultural heritage, natural heritage, and water bodies for the surrounding lands in which the project is to be located in order to identify and avoid potential impacts.

Under the Regulation, a Natural Heritage Assessment is required to identify significant wildlife habitat within 120 metres of the project location, which includes habitats for various different species. The Proponent has undertaken an extensive records review and physical site investigations to identify candidate habitat as per Ministry of Natural Resources requirements. These efforts have been documented in the Natural Heritage Assessment Report currently available on the project's website.

In addition, an Environmental Impact Study Report has been prepared to identify potential negative environmental effects associated with the construction, operation, and decommissioning of the Wainfleet Wind Energy Project. Mitigation for each identified natural feature has been provided in the EIS report. MNR has reviewed the project's Environmental Impact Study Report and confirmed that the mitigation/monitoring requirements to be implemented adhere to their standards and procedures.

An Environmental Effects Monitoring Plan for Birds and Bats has been prepared to monitoring potential negative environmental effects for birds and bats once the project becomes operational. Knowledge obtained from the surveys will be used to identify monitoring needs for subsequent years, and will determine the success rate of proposed mitigation measures and protocols. The Environmental Effects Monitoring plan for the Wainfleet Wind Energy Project will ensure that any unanticipated potentially significant adverse environmental effects are detected and addressed so that they do not become significant.

Copies of all project studies and reports are currently available on the project's website for public review (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>). In addition, consultation efforts have been undertaken with local, municipal, aboriginal, and other known stakeholders to identify and understand potential concerns with the facility's design and address them, where possible.

With regards to your inquiry concerning the density of turbines, only five (5) wind turbines are proposed for this project. The Vestas V100 1.8MW turbine is the selected turbine model for this project. Under O. Reg. 359/09 all turbines must be located in accordance with required setbacks and permissible noise level restrictions. It is the Project Team's understanding that there are no specific requirements under the Regulation which limit the number of turbines a project may propose to construct as part of the Proponent's Renewable Energy Approval application, provided that all required setback distances and requirements are adhered to.

**Next Steps:** The Proponent (Wainfleet Wind Energy Inc.) is expecting to submit the project's Renewable Energy Approval (REA) application to the Ministry of the Environment (MOE) for review in July 2012. Once the application has been accepted by MOE it will be posted on the Environmental Registry for an additional 30-day public comment period. MOE will have up to six (6) months to make a decision on the project.

Please continue to check the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) for updated information on the project, as it becomes available. If you require any further clarification about this project please do not hesitate to contact us.



# Yours truly,

# Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1 Office: (905) 607-1016

Fax: (905) 607-1016 Fax: (905) 607-5995 E-mail: tom@ipcenergy.ca

# **Ms. Britney Pringle**

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658





Ms.

Lakeshore Road Wainfleet, Ontario L0S 1V0

Re: Wainfleet Wind Energy Project

Response to Comments at Public Open House #2

Dear Ms.

Thank you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday June 19, 2012. We would like to inform you that we have received your completed comment form and that it has been carefully reviewed by project team members. All comments will be included in the project's Consultation Report submitted to the Ministry of Environment (MOE) for review. At this time, we would like to provide you with a response regarding how your comments were considered and provide additional information regarding the project.

You identified on you comment sheet that you are concerned that the residents of Wainfleet are being misrepresented regarding the benefits of this development, including health effects, property values, and actual electrical output versus cost of project.

The project team respects concerns identified by the local community regarding potential impacts to health and property values however, based on best available research and studies conducted in Canada, the United States, and in Europe there is no scientific or statistical evidence to support a direct correlation between wind turbines and adverse health impacts or property devaluation.

A May 2010 report published by the Chief Medical Officer of Health (CMOH) of Ontario titled "The Potential Health Impact of Wind Turbines" concluded that vibration from low frequency wind turbines at residential setbacks does not cause adverse health effects. This report also concluded that low frequency sound and infrasound produced by turbines are well below the pressure sound levels at which known health effects occur. This report was produced with the assistance of working members of the Ontario Agency for Health Protection and Promotion (OAHPP), the Ministry of Health and Long-Term Care (MOHLTC) and several Medical Officers of Health in Ontario, along with the support of the Council of Ontario Medical Officers of Health (COMOH).

A U.S. study released by the Lawrence Berkeley National Laboratory found no conclusive evidence of the existence of any widespread property value impacts that might be present in communities surrounding wind energy facilities even when concentrating on homes located within a mile and sold immediately following the announcement of a new wind farm. This study looked at the sale of 7,500 single family homes situated within 10 miles of 24 existing wind

facilities in nine different U.S. states. Another study concentrating on real estate values in the Municipality of Chatham-Kent, Ontario also found similar results that there is no statistical data to demonstrate that wind farms negatively affect rural residential property values.

In response to your regards to your concern regarding electrical output versus the cost of the project, a modern wind turbine produces electricity 70-85% of the time. However, it generates different outputs dependent on wind speed. As part of the planning and site selection process for this project an extensive wind resource analysis was undertaken. This analysis confirmed that the proposed project location will provide suitable wind resources to generate power. Wind energy is relatively new to Ontario, however, this industry has long been established in Europe and has demonstrated to be viable and economic source of power.

You also indicated that you wished a more balanced view of what other countries are doing (i.e. 2km setback and 32dBA) was presented at the public meeting.

In response the Project Team would like to note that the Wainfleet Wind Energy Project is following the regulated planning process defined under Ontario Regulation 359/09, which addresses Renewable Energy Approvals (REA). Renewable Energy Approvals are administered by the Ontario Ministry of the Environment (MOE). All of the proposed turbines for the Wainfleet Wind Energy Project will adhere or exceed the minimum 550 metre setback requirement and 40 dBA sound power level from all non-participating noise receptors (i.e. residences, places of worship, schools, etc.). These setback distances were established by the Ministry of Environment (MOE) based on a cautions scientific approach to protect human health and safety.

**Next Steps:** The Proponent (Wainfleet Wind Energy Inc.) is expecting to submit the project's Renewable Energy Approval (REA) application to the Ministry of the Environment (MOE) for review in July 2012. Once the application has been accepted by MOE it will be posted on the Environmental Registry for an additional 30-day public comment period. MOE will have up to six (6) months to make a decision on the project.

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Mr.

Highway 3 Wainfleet, Ontario L0S 1V0

Re: Wainfleet Wind Energy Project

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On your completed comment form you identified that your most important considerations in developing this project should be the opinion of the residents of Wainfleet.

Wainfleet Wind Energy Inc. is taking local concerns regarding this project seriously as public consultation is a very important aspect of the Wainfleet Wind Energy Project. Wainfleet Wind Energy Inc. has made every reasonable effort to have meaningful consultation with the surrounding local community and municipality in the design of the this project, and remains committed to developing this environmentally friendly wind energy project in a mutually beneficial manner with the surrounding community. In order for the project to be approved by the Ministry of the Environment (MOE), the proponent must demonstrate that it has fulfilled the public and municipal consultation requirements set out in Ontario Regulation 359/09. As part of the REA process we must document how we have incorporated public and municipal ideas/suggestions into the design of the project and how we have addressed or mitigated any identified concerns.

The project team respects concerns identified by the local community regarding potential impacts to property values however, based on best available research and studies conducted in Canada, the United States, and in Europe there is no statistical evidence to support a direct correlation between wind turbines and property devaluation. A U.S. study released by the Lawrence Berkeley National Laboratory found no conclusive evidence of the existence of any widespread property value impacts that might be present in communities surrounding wind energy facilities even when concentrating on homes located within a mile and sold immediately following the announcement of a new wind farm. This study looked at the sale of 7,500 single family homes situated within 10 miles of 24 existing wind facilities in nine different U.S. states. Another study concentrating on real estate values in the Municipality of Chatham-Kent, Ontario

also found similar results that there is no statistical data to demonstrate that wind farms negatively affect rural residential property values.

With regards to Skydive Burnaby NAV Canada and Transport Canada (TC) have been consulted regarding the project's proposed turbine locations to ensure that local aviation operations and safety is not compromised. The project has submitted an Aeronautical Obstruction Clearance Form to TC to evaluate the project's turbine locations and to determine turbine lighting and painting requirements. NAV Canada has also assessed the project to ensure that the project does not interfere with any communication or navigation instruments or facilities.

We have also been in direct correspondence with the owners of Skydive Burnaby regarding their concerns. The project team has made significant efforts to meet with the owners to understand and address their concerns, where possible. Consultation with this stakeholder remains ongoing, and the Proponent remains hopeful that Skydive Burnaby will agree to a meeting to further discuss concerns.

The Project Team has also corresponded with the Canadian Sport Parachuting Association (CSPA) in an attempt to clarify an appropriate setback distances from such a facility. To date the suggestions provided by CSPA have not been applicable to the project.

**Next Steps:** The Proponent (Wainfleet Wind Energy Inc.) is expecting to submit the project's Renewable Energy Approval (REA) application to the Ministry of the Environment (MOE) for review in July 2012. Once the application has been accepted by MOE it will be posted on the Environmental Registry for an additional 30-day public comment period. MOE will have up to six (6) months to make a decision on the project.

Please continue to check the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) for updated information on the project, as it becomes available. If you require any further clarification about this project please do not hesitate to contact us.

Yours truly,

#### Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: tom@ipcenergy.ca

#### Ms. Britney Pringle

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Office: (416) 499-3110 Fax: (416) 499-9658





Ms.

Lakeshore Road Wainfleet, Ontario L0S 1V0

Re: Wainfleet Wind Energy Project

Response to Comments at Public Open House #2

Dear Ms. Bott:

Thank you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday June 19, 2012. We would like to inform you that we have received your completed comment form and that it has been carefully reviewed by project team members. All comments will be included in the project's Consultation Report submitted to the Ministry of Environment (MOE) for review. At this time, we would like to provide you with a response regarding how your comments were considered and provide additional information regarding the project.

On your completed comment form you identified that your most important considerations in developing this project should be health.

Wainfleet Wind Energy Inc. is taking local concerns regarding this project seriously as public consultation is a very important aspect of the Wainfleet Wind Energy Project. Wainfleet Wind Energy Inc. has made every reasonable effort to have meaningful consultation with the surrounding local community and municipality in the design of the this project, and remains committed to developing this environmentally friendly wind energy project in a mutually beneficial manner with the surrounding community.

To ensure the safety of the local community and nearby residents the Ministry of the Environment has established strict guidelines and setbacks that must be adhered to. All of the proposed turbines for the Wainfleet Wind Energy Project will adhere or exceed the minimum 550 metre setback requirement and 40 dBA sound power level from all non-participating noise receptors (i.e. residences, places of worship, schools, etc.). These setback distances were established by the Ministry of Environment (MOE) based on a cautions scientific approach to protect human health and safety. In order for the project to be approved by MOE it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

The project team respects concerns identified by the local community regarding potential impacts to health, however, based on best available research and studies conducted in Canada, the United States, and in Europe there is no scientific evidence to support a direct causal link between wind turbines negative health impacts. A May 2010 report published by the Chief

Medical Officer of Health (CMOH) of Ontario titled "The Potential Health Impact of Wind Turbines" concluded that vibration from low frequency wind turbines at residential setbacks does not cause adverse health effects. This report also concluded that low frequency sound and infrasound produced by turbines are well below the pressure sound levels at which known health effects occur. This report was produced with the assistance of working members of the Ontario Agency for Health Protection and Promotion (OAHPP), the Ministry of Health and Long-Term Care (MOHLTC) and several Medical Officers of Health in Ontario, along with the support of the Council of Ontario Medical Officers of Health (COMOH). If you would like to read the full report you can obtain a copy online from the Ontario Ministry of Health's website.

The Provincial Government takes protecting the health of a community and environment very seriously and is funding an academic research chair selected independently by the Council of Ontario Universities. Dr. Siva Sivoththaman has been selected for the ongoing study of renewable energy technologies and health. The Chair will continue to research potential health effects as new information and science emerges to ensure the government's approach to renewable energy and setbacks continues to be protective of human health.

With regards to your comment that impacts to people, animals and the environment have not been addressed the Project Team would like to make a couple of clarifications. In addition to adhering to setback requirements, the Proponent has also undertaken extensive studies for noise, archaeology, cultural heritage, natural heritage, and water bodies for the surrounding lands in which the project is to be located in order to identify and avoid potential impacts.

Under the Regulation, a Natural Heritage Assessment is required to identify significant wildlife habitat within 120 metres of the project location, which includes habitats for various different species. In addition, an Environmental Impact Study Report has been prepared to identify potential negative environmental effects associated with the construction, operation, and decommissioning of the Wainfleet Wind Energy Project. Mitigation for each identified natural feature has been provided in the EIS report. MNR has reviewed the project's Environmental Impact Study Report and confirmed that the mitigation/monitoring requirements to be implemented adhere to their standards and procedures.

An Environmental Effects Monitoring Plan for Birds and Bats has been prepared to monitoring potential negative environmental effects for birds and bats once the project becomes operational. Knowledge obtained from the surveys will be used to identify monitoring needs for subsequent years, and will determine the success rate of proposed mitigation measures and protocols. The Environmental Effects Monitoring plan for the Wainfleet Wind Energy Project will ensure that any unanticipated potentially significant adverse environmental effects are detected and addressed so that they do not become significant.

Copies of all project studies and reports are currently available on the project's website for public review (www.wainfleetwindenergy.ca).

In response to your concern that the power generated at this facility will not be for the residents of Wainfleet, but rather residents of Toronto, the Project Team would like to advise that while the Proponent has no control over where the power generated at the facility is distributed, that is not to say that the residents of Wainfleet will not experience benefits from the project. Within the power grid, energy goes where it is needed and it is possible that some residents will use energy generated by the Wainfleet Wind Energy Project. This small project is estimated to



produce enough energy to power the equivalent of 2,500 homes (approximately 85% of the total private dwellings in Wainfleet). This project will benefit the local community on a continuous basis by:

- Reducing our dependency on coal-fired electricity. Airborne pollutants caused from the projection of coal-fired electricity remains a significant health and environmental problem in Ontario;
- Producing a sustainable source of electricity that is clean, reliable, and emits no greenhouse gases;
- Providing a small, but significant, contribution to high-quality employment and the development of a sustainable industry for future generations; and
- Contributing to the annual municipal tax base with limited to no increased demand on local services (i.e. garbage collection and water/wastewater service).

The Proponent is required as per the Feed-In Tariff (FIT) contract to use 25% of domestic content in the construction of the facility. This will bring economic benefits to the local community by using local suppliers for materials related to the construction of the project's facilities (i.e. access roads, turbine foundations, electrical installation, facility maintenance buildings etc.). Further, local economic employment opportunities will be attributed to the construction and decommissioning phases of the project. These phases will bring an influx of demand for local goods and services (i.e. restaurants and stores). The project will also create a few permanent jobs related to site maintenance/supervision of the facility during operation.

**Next Steps:** The Proponent (Wainfleet Wind Energy Inc.) is expecting to submit the project's Renewable Energy Approval (REA) application to the Ministry of the Environment (MOE) for review in July 2012. Once the application has been accepted by MOE it will be posted on the Environmental Registry for an additional 30-day public comment period. MOE will have up to six (6) months to make a decision on the project.

Please continue to check the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) for updated information on the project, as it becomes available. If you require any further clarification about this project please do not hesitate to contact us.

Yours truly,

#### Mr. Tom Lewis

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# Ms. Britney Pringle

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Office: (416) 499-3110 Fax: (416) 499-9658





Mr.

Lakeshore Road Wainfleet, Ontario L0S 1V0

Re: Wainfleet Wind Energy Project

Response to Comments at Public Open House #2

Dear Mr.

Thank you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday June 19, 2012. We would like to inform you that we have received your completed comment form and that it has been carefully reviewed by project team members. All comments will be included in the project's Consultation Report submitted to the Ministry of Environment (MOE) for review. At this time, we would like to provide you with a response regarding how your comments were considered and provide additional information regarding the project.

On your completed comment form you identified that your most important considerations in developing this project should be health and safety of the residents of the Township and a commitment by the developer to take responsibility for the loss of health and property values. You also inquired as to why the Proponent had not looked past existing regulations and considered more recent protocols. You also inquired about why local residents do not have a final say in where the turbines are located.

Wainfleet Wind Energy Inc. is taking local concerns regarding this project seriously as public consultation is a very important aspect of the Wainfleet Wind Energy Project. Wainfleet Wind Energy Inc. has made every reasonable effort to have meaningful consultation with the surrounding local community and municipality in the design of the this project, and remains committed to developing this environmentally friendly wind energy project in a mutually beneficial manner with the surrounding community. In order for the project to be approved by the Ministry of the Environment (MOE), the proponent must demonstrate that it has fulfilled the public and municipal consultation requirements set out in Ontario Regulation 359/09. As part of the REA process we must document how we have incorporated public and municipal ideas/suggestions into the design of the project and how we have addressed or mitigated any identified concerns.

All of the proposed turbines for the Wainfleet Wind Energy Project will adhere or exceed the minimum 550 metre setback requirement and 40 dBA sound power level from all non-participating noise receptors (i.e. residences, places of worship, schools, etc.). These setback distances were established by the Ministry of Environment (MOE) based on a cautions scientific approach to protect human health and safety. In order for the project to be approved by MOE it must be demonstrated that the project's proposed facilities comply with all applicable regulatory

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consequently cannot be constructed.

The project team respects concerns identified by the local community regarding potential impacts to health and property values however, based on best available research and studies conducted in Canada, the United States, and in Europe there is no scientific evidence to support a direct causal link between wind turbines negative health impacts or property devaluation.

A May 2010 report published by the Chief Medical Officer of Health (CMOH) of Ontario titled "The Potential Health Impact of Wind Turbines" concluded that vibration from low frequency wind turbines at residential setbacks does not cause adverse health effects. This report also concluded that low frequency sound and infrasound produced by turbines are well below the pressure sound levels at which known health effects occur. This report was produced with the assistance of working members of the Ontario Agency for Health Protection and Promotion (OAHPP), the Ministry of Health and Long-Term Care (MOHLTC) and several Medical Officers of Health in Ontario, along with the support of the Council of Ontario Medical Officers of Health (COMOH). If you would like to read the full report you can obtain a copy online from the Ontario Ministry of Health's website.

The Provincial Government takes protecting the health of a community and environment very seriously and is funding an academic research chair selected independently by the Council of Ontario Universities. Dr. Siva Sivoththaman has been selected for the ongoing study of renewable energy technologies and health. The Chair will continue to research potential health effects as new information and science emerges to ensure the government's approach to renewable energy and setbacks continues to be protective of human health.

A U.S. study released by the Lawrence Berkeley National Laboratory found no conclusive evidence of the existence of any widespread property value impacts that might be present in communities surrounding wind energy facilities even when concentrating on homes located within a mile and sold immediately following the announcement of a new wind farm. This study looked at the sale of 7,500 single family homes situated within 10 miles of 24 existing wind facilities in nine different U.S. states. Another study concentrating on real estate values in the Municipality of Chatham-Kent, Ontario also found similar results that there is no statistical data to demonstrate that wind farms negatively affect rural residential property values. Based on the results of these recent studies the Proponent feels that property protection is not required. Furthermore real estate markets are influenced by other economic forces out of the Proponents control and cannot be held accountable.

With regards to your question as to how many people working on this project live within 2km of a wind turbine, the Project Team would like to note that the Wainfleet Wind Energy Project is owned and established by longtime residents of Wainfleet.

With regards to your inquiry regarding direct benefits to the community this project will create, the Wainfleet Wind Energy Project will provide added public value to the local community and economy by contributing to a more resilient energy system and sustainable future for Niagara Region. This project is a very good alternative to meeting our present and future energy needs. Wind turbines rely on the wind for fuel which does not require extractive industries or non-



sustainable development to generate electricity. This project will benefit the local community on a continuous basis by:

- Powering up to 2500 homes and contributing to reducing our dependency on coal-fired electricity. Airborne pollutants caused from the projection of coal-fired electricity remains a significant health and environmental problem in Ontario;
- Producing a sustainable source of electricity that is clean, reliable, and emits no greenhouse gases;
- Providing a small, but significant, contribution to high-quality employment and the development of a sustainable industry for future generations; and
- Contributing to the annual municipal tax base with limited to no increased demand on local services (i.e. garbage collection and water/wastewater service).

The Proponent is required as per the Feed-In Tariff (FIT) contract to use 25% of domestic content in the construction of the facility. This will bring economic benefits to the local community by using local suppliers for materials related to the construction of the project's facilities (i.e. access roads, turbine foundations, electrical installation, facility maintenance buildings etc.). Further, local economic employment opportunities will be attributed to the construction and decommissioning phases of the project. These phases will bring an influx of demand for local goods and services (i.e. restaurants and stores). The project will also create a few permanent jobs related to site maintenance/supervision of the facility during operation.

Participating landowners for the Wainfleet Wind Energy Project have also agreed to lease a portion of their land for the placement of the project's turbines and associated infrastructure (i.e. access roads and underground collector system). This will provide a steady income for farmers and landowners to continue agricultural activities, with the generated income staying within the local community.

**Next Steps:** The Proponent (Wainfleet Wind Energy Inc.) is expecting to submit the project's Renewable Energy Approval (REA) application to the Ministry of the Environment (MOE) for review in July 2012. Once the application has been accepted by MOE it will be posted on the Environmental Registry for an additional 30-day public comment period. MOE will have up to six (6) months to make a decision on the project.

Please continue to check the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) for updated information on the project, as it becomes available. If you require any further clarification about this project please do not hesitate to contact us.

Yours truly,

#### Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: tom@ipcenergy.ca

# Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658





Old River Road Wellandport, Ontario LOS 2J0

Re: Wainfleet Wind Energy Project

Response to Comments at Public Open House #2

Dear

Thank you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday June 19, 2012. We would like to inform you that we have received your completed comment form and that it has been carefully reviewed by project team members. All comments will be included in the project's Consultation Report submitted to the Ministry of Environment (MOE) for review. At this time, we would like to provide you with a response regarding how your comments were considered and provide additional information regarding the project.

On your completed comment form you identified that your most important considerations in developing this project should be a 2km+ setback distance and 32 dBa noise level and 100% identification for lost property value.

To clarify, the Ministry of Environment (MOE) has established strict setback requirements that the project must adhere to (from noise receptors, public roads, railways etc.), which were established to avoid impacts to surrounding lands, and thus people. MOE established these setbacks through conservative, science-based calculations based on the most up-to-date science. All of the proposed turbines for the Wainfleet Wind Energy Project will adhere or exceed the minimum 550 metre setback requirement and 40 dBA sound power level from all non-participating noise receptors (i.e. residences, places of worship, schools, etc.). In order for the project to be approved by MOE it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

The project team respects concerns identified by the local community regarding potential impacts to property values however, based on best available research and studies conducted in Canada, the United States, and in Europe there is no statistical evidence to support a direct correlation between wind turbines and property devaluation. A U.S. study released by the Lawrence Berkeley National Laboratory found no conclusive evidence of the existence of any widespread property value impacts that might be present in communities surrounding wind energy facilities even when concentrating on homes located within a mile and sold immediately following the announcement of a new wind farm. This study looked at the sale of 7,500 single family homes situated within 10 miles of 24 existing wind facilities in nine different U.S. states. Another study concentrating on real estate values in the Municipality of Chatham-Kent, Ontario

also found similar results that there is no statistical data to demonstrate that wind farms negatively affect rural residential property values. Therefore no protection is required. Furthermore real estate markets are influenced by other economic forces out of the Proponents control and cannot be held accountable.

On your comment form you also stated that Ontario has excess capacity which it sells off by paying other jurisdictions to take it and that there is no need for wind generated power that produces 30-35% of capacity.

Part of the Province's Long Term Energy Plan is to ensure that Ontario's electricity needs are met in a sustainable manner. Developing renewable energy sources and fostering a conservation-oriented culture are cornerstones of Ontario's balanced plan to provide clean, and reliable energy. Ontario's current strategy seeks to phase out coal-fired generation by 2014 and this project, like other renewable energy project's will assist in reaching this goal and will replace the energy production subsequently removed from Ontario's energy supply. While there may be some periods (i.e. hours or days) where energy production exceeds demand, this is not a true depiction of the Province's overall energy system. For additional information regarding energy planning in Ontario, please contact the Ministry of Energy.

The Project Team would also like to advise that the development of renewable energy projects, such at the Wainfleet Wind Energy Project are undertaken by private investors at no cost to tax payers. The Wainfleet Wind Energy Project will provide added public value to the local community and economy by contributing to a more resilient energy system and sustainable future for Niagara Region. This project is a very good alternative to meeting our present and future energy needs. Wind turbines rely on the wind for fuel which does not require extractive industries or non-sustainable development to generate electricity.

This project will benefit the local community on a continuous basis by:

- Powering up to 2500 homes and contributing to reducing our dependency on coal-fired electricity. Airborne pollutants caused from the projection of coal-fired electricity remains a significant health and environmental problem in Ontario;
- Producing a sustainable source of electricity that is clean, reliable, and emits no greenhouse gases;
- Providing a small, but significant, contribution to high-quality employment and the development of a sustainable industry for future generations; and
- Contributing to the annual municipal tax base with limited to no increased demand on local services (i.e. garbage collection and water/wastewater service).

The Proponent is required as per the Feed-In Tariff (FIT) contract to use 25% of domestic content in the construction of the facility. This will bring economic benefits to the local community by using local suppliers for materials related to the construction of the project's facilities (i.e. access roads, turbine foundations, electrical installation, facility maintenance buildings etc.). Further, local economic employment opportunities will be attributed to the construction and decommissioning phases of the project. These phases will bring an influx of demand for local goods and services (i.e. restaurants and stores). The project will also create a few permanent jobs related to site maintenance/supervision of the facility during operation.



**Next Steps:** The Proponent (Wainfleet Wind Energy Inc.) is expecting to submit the project's Renewable Energy Approval (REA) application to the Ministry of the Environment (MOE) for review in July 2012. Once the application has been accepted by MOE it will be posted on the Environmental Registry for an additional 30-day public comment period. MOE will have up to six (6) months to make a decision on the project.

Please continue to check the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) for updated information on the project, as it becomes available. If you require any further clarification about this project please do not hesitate to contact us.

Yours truly,

#### Mr. Tom Lewis

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Office: (416) 499-3110 Fax: (416) 499-9658





Ms. R.R. #3 Wellandport, Ontario L0R 2J0

Re: Wainfleet Wind Energy Project

Response to Comments at Public Open House #2

Dear Ms.

Thank you for your interest in the Wainfleet Wind Energy Project, and your attendance at our Public Open House held on Tuesday June 19, 2012. We would like to inform you that we have received your completed comment form and that it has been carefully reviewed by project team members. All comments will be included in the project's Consultation Report submitted to the Ministry of Environment (MOE) for review. At this time, we would like to provide you with a response regarding how your comments were considered and provide additional information regarding the project.

On your completed comment form you identified that your most important considerations in developing this project should be compensation to people that may lose their life savings because their home becomes unsellable or property values decrease by 20-50%.

The project team respects concerns identified by the local community regarding potential impacts to property values however, based on best available research and studies conducted in Canada, the United States, and in Europe there is no statistical evidence to support a direct correlation between wind turbines and property devaluation. A U.S. study released by the Lawrence Berkeley National Laboratory found no conclusive evidence of the existence of any widespread property value impacts that might be present in communities surrounding wind energy facilities even when concentrating on homes located within a mile and sold immediately following the announcement of a new wind farm. This study looked at the sale of 7,500 single family homes situated within 10 miles of 24 existing wind facilities in nine different U.S. states. Another study concentrating on real estate values in the Municipality of Chatham-Kent, Ontario also found similar results that there is no statistical data to demonstrate that wind farms negatively affect rural residential property values. Therefore no protection is required. Furthermore real estate markets are influenced by other economic forces out of the Proponents control and cannot be held accountable.

With regards to your health and safety concerns for the residents of the local community the Ministry of Environment (MOE) has established strict setback requirements that the project must adhere to (from noise receptors, public roads, railways etc.), which were established to avoid impacts to surrounding lands, and thus people. MOE established these setbacks through conservative, science-based calculations based on the most up-to-date science.

All of the proposed turbines for the Wainfleet Wind Energy Project will adhere or exceed the minimum 550 metre setback requirement and 40 dBA sound power level from all non-participating noise receptors (i.e. residences, places of worship, schools, etc.). These setback distances were established by the Ministry of Environment (MOE) based on a cautions scientific approach to protect human health and safety. In order for the project to be approved by MOE it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

To address your comment that turbines 2 and 3 are positioned too close together, the Project Team would like to advise that all turbines have been positioned in accordance with all requirements stipulated in O. Reg. 359/09. In addition, Vestas the turbine manufacturer for this project has reviewed the proposal and confirmed that the turbine locations adhere to their operating standards and restrictions.

With regards to potential impact the project may have on the natural environment, such as bats, the Proponent has also undertaken extensive studies for natural heritage for the surrounding lands in which the project is to be located in order to identify and avoid potential impacts.

Under the Regulation, a Natural Heritage Assessment is required to identify significant wildlife habitat within 120 metres of the project location, which includes habitats for various different species. The Proponent has undertaken an extensive records review and physical site investigations to identify candidate habitat as per Ministry of Natural Resources requirements. These efforts have been documented in the Natural Heritage Assessment Report currently available on the project's website.

In addition, an Environmental Impact Study Report has been prepared to identify potential negative environmental effects associated with the construction, operation, and decommissioning of the Wainfleet Wind Energy Project. Mitigation for each identified natural feature has been provided in the EIS report. MNR has reviewed the project's Environmental Impact Study Report and confirmed that the mitigation/monitoring requirements to be implemented adhere to their standards and procedures.

An Environmental Effects Monitoring Plan for Birds and Bats has been prepared to monitoring potential negative environmental effects for birds and bats once the project becomes operational. Knowledge obtained from the surveys will be used to identify monitoring needs for subsequent years, and will determine the success rate of proposed mitigation measures and protocols. The Environmental Effects Monitoring plan for the Wainfleet Wind Energy Project will ensure that any unanticipated potentially significant adverse environmental effects are detected and addressed so that they do not become significant. This plan was developed in accordance with MNR standards and protocols and conforms with the Ministry's "Bat and Bat Habitats-Guidelines for Wind Power Projects." Residents will not be impacted by barotrauma, commonly associated with bat fatalities as a result of turbine operations.

Copies of all project studies and reports are currently available on the project's website for public review (www.wainfleetwindenergy.ca).



**Next Steps:** The Proponent (Wainfleet Wind Energy Inc.) is expecting to submit the project's Renewable Energy Approval (REA) application to the Ministry of the Environment (MOE) for review in July 2012. Once the application has been accepted by MOE it will be posted on the Environmental Registry for an additional 30-day public comment period. MOE will have up to six (6) months to make a decision on the project.

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On your completed comment form you identified that your most important considerations in developing this project should be health concerns and property protection.

All of the proposed turbines for the Wainfleet Wind Energy Project will adhere or exceed the minimum 550 metre setback requirement and 40 dBA sound power level from all non-participating noise receptors (i.e. residences, places of worship, schools, etc.). These setback distances were established by the Ministry of Environment (MOE) based on a cautions scientific approach to protect human health and safety. In order for the project to be approved by MOE it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

The project team respects concerns identified by the local community regarding potential impacts to health and property values however, based on best available research and studies conducted in Canada, the United States, and in Europe there is no scientific evidence to support a direct causal link between wind turbines negative health impacts or property devaluation.

A May 2010 report published by the Chief Medical Officer of Health (CMOH) of Ontario titled "The Potential Health Impact of Wind Turbines" concluded that vibration from low frequency wind turbines at residential setbacks does not cause adverse health effects. This report also concluded that low frequency sound and infrasound produced by turbines are well below the pressure sound levels at which known health effects occur. This report was produced with the assistance of working members of the Ontario Agency for Health Protection and Promotion (OAHPP), the Ministry of Health and Long-Term Care (MOHLTC) and several Medical Officers of Health in Ontario, along with the support of the Council of Ontario Medical Officers of Health

(COMOH). If you would like to read the full report you can obtain a copy online from the Ontario Ministry of Health's website.

A U.S. study released by the Lawrence Berkeley National Laboratory found no conclusive evidence of the existence of any widespread property value impacts that might be present in communities surrounding wind energy facilities even when concentrating on homes located within a mile and sold immediately following the announcement of a new wind farm. This study looked at the sale of 7,500 single family homes situated within 10 miles of 24 existing wind facilities in nine different U.S. states. Another study concentrating on real estate values in the Municipality of Chatham-Kent, Ontario also found similar results that there is no statistical data to demonstrate that wind farms negatively affect rural residential property values.

On your comment form you inquired about how the Proponent would protect property values. Based on the results of recent studies mentioned above the Proponent feels that property protection is not required. Furthermore real estate markets are influenced by other economic forces out of the Proponents control and cannot be held accountable.

**Next Steps:** The Proponent (Wainfleet Wind Energy Inc.) is expecting to submit the project's Renewable Energy Approval (REA) application to the Ministry of the Environment (MOE) for review in July 2012. Once the application has been accepted by MOE it will be posted on the Environmental Registry for an additional 30-day public comment period. MOE will have up to six (6) months to make a decision on the project.

Please continue to check the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) for updated information on the project, as it becomes available. If you require any further clarification about this project please do not hesitate to contact us.

Yours truly,

#### Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: tom@ipcenergy.ca

#### Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658





Appendix D: Wind Energy Information Night Letters, Newspaper Insert, Presentations

# You are cordially invited to attend a Renewable Energy (Wind Energy) Information Night

This event will start a conversation about wind energy production (in general) and give the public a better understanding of how projects are developed, the regulatory approval process and the benefits of harnessing the wind to create electricity.

# Tuesday, January 25th 2011

South Lincoln High School, 260 Canborough Street, Smithville 7:00 p.m. to 9:00 p.m.

Some of the Partners/Sponsors for this event are listed below.











IPC ENERGY

January 6th, 2011

Dear Residents,

# I am writing to invite you to an information night about Wind Energy.

IPC Energy has seen a change in how wind energy projects are being accepted by local communities, from initial excitement and enthusiasm for wind energy development, to disinterest and sometimes genuine fear about the role that wind power generation can play in a community. The level of rhetoric and mistrust from vocal residents has made it nearly impossible for developers to have an honest conversation with development communities. IPC is interested in changing this.

As a first step we are sponsoring a public information night on *Tuesday, January 25<sup>th</sup> 2011 at the South Lincoln High School, 260 Canborough Street, Smithville*, from 7:00 p.m. to 9:00 p.m. This event will start a conversation about wind energy production (in general) and give the public a better understanding of how projects are developed, the regulatory approval process and the benefits of harnessing the wind to create electricity.

We hope this night will be an opportunity for you to ask questions and voice your opinions (in a non-confrontational environment) about all aspects of wind energy development. The evening will be facilitated by a moderator with several panelists presenting their area of expertise. A Q & A session will follow.

Your attendance would be greatly appreciated and we hope your schedule will allow you to be a part of this event.

Thank you for your consideration,

Tom Lewis
Manager of Planning and Environment



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om Lewis

Manager of Planning and Environment



Ms. April Jeffs, Mayor of Wainfleet 19M43 Highway 3 P.O. Box 40 Wainfleet, ON LOS 1V0

Dear Mayor and Council

# Re: Wind Energy Information Night - Niagara Region

As Ontario strives to develop clean and sustainable energy systems, more scientists, policymakers and communities are looking to wind power as an important part of the electricity generation mix. Harnessing the wind to create electricity has become one of the fastest growing sources of power generation in Ontario and around the world and it is continuing to grow.

As new opportunities emerge to develop wind-generated power in communities across Ontario, they raise reasonable questions about the social, environmental and economic impacts of wind power production.

IPC Energy has seen a change in how our wind projects are being accepted by local communities. When we started our first projects, there was an initial excitement and enthusiasm for wind energy development. In recent years this encouragement has changed to disinterest and sometimes genuine fear about the role that wind energy generation can play in a community. The level of rhetoric and mistrust from many vocal residents has made it nearly impossible for developers to have an honest conversation with development communities. IPC Energy is interested in changing this.

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It is our goal through providing this information session that the citizens of Ontario will make informed decisions about the future of energy production and will stress the need to act proactively NOW to help the province become "greener" tomorrow!

Sincerely (

Manager of Planning and Environment

on behalf of John Andrews, President, IPC Energy)



Dear Regional Chairman and Council,

# Re: Wind Energy Information Night - Niagara Region

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Sincerely

Tom Lewis

Manager of Planning and Environment

(on behalf of John Andrews, President, IPC Energy)



# FOR IMMEDIATE RELEASE

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-30-

For more information please contact

Tom Lewis, Manager of Planning and Environment IPC Energy <a href="mailto:tom@ipcenergy.ca">tom@ipcenergy.ca</a>

Cell: 416-710-1982

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# WIND ENERGY INFORMATION NIGHT TUESDAY, JANUARY 25, 2011

# (Draft) A G E N D A

7:00 p.m.	Welcome, opening remarks	T.B.D
7:05 p.m.	Renewable Energy Facilitation Office	Petra Fisher, Senior Project Advisor
7:20 p.m.	Ontario Sustainable Energy Association	Harry French, Director, Community Power Services
7:30 p.m.	Niagara Economic Development Corp	Valerie Kuhns, VP Marketing
7:40 p.m.	Canning Consultants Inc. John Simmons Reality Ltd	George Canning John Simmons
7:50 p.m.	Canadian Association of Physicians for the Environment	Farrah Khan, Executive Assistant
8:00 p.m.	The floor will be open to questions from the public, with responses from guest panelists.	
9:00 p.m.	Meeting will be adjourned	



# Renewable Energy Approval Process and the Feed In Tariff Program

Ontario Ministry of Energy

January 24, 2011



#### **Ontario's Commitment to Renewable Energy**

- The Ontario government is committed to improving the health of Ontarians and fighting climate change. The government has committed to eliminating coalfired generation by 2014 and is introducing clean and reliable sources of energy in its place.
- Ontario has become a North American leader in producing energy from sources that are continually renewed by nature such as wind, sun and bioenergy.
   Renewables do not produce harmful emissions, which contribute to smog, pollution and climate change.
- Ontario is creating a new sector for investment and is becoming a global destination of choice for clean energy developers and suppliers.
- Ontario has already attracted more than \$16 billion of private sector investment and over 20 companies have announced plans to set up or expand operations in Ontario.
- Ontario's Long-Term Energy Plan <a href="http://www.mei.gov.on.ca/en/energy/">http://www.mei.gov.on.ca/en/energy/</a>



#### Ontario's Commitment to Renewable Energy

The Green Energy and Green Economy Act, 2009 was enacted to:

- 1. Make Ontario a Renewable Energy Leader
- 2. Encourage Investment and Create Jobs (50,000 jobs in the first three years)
- 3. Foster a Culture of Conservation
- ■The Green Energy Act and its implementing regulations:
  - provide a standardized, Province-led approvals framework for renewable energy;
  - coordinate and remove duplication between provincial and local processes by combining environmental and land use planning considerations into one process;
  - provide standardized technical requirements for renewable energy projects across Ontario

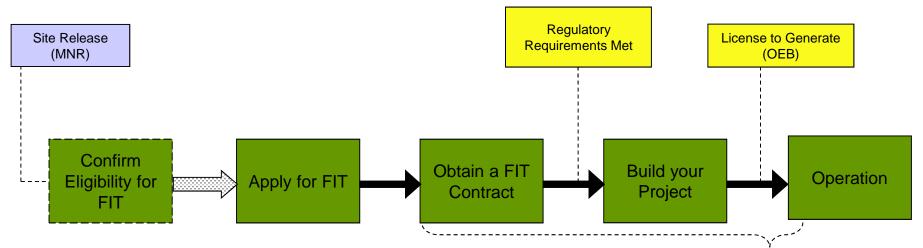


#### **FIT Program Context**

- On April 8, 2010 the OPA made 184 Feed-In Tariff contract offers (2,421 MW) for large-scale renewable energy projects across Ontario:
  - 47 wind energy onshore projects Renewable Energy Approval (REA) required
  - 1 wind energy offshore projects REA required
  - 77 solar PV projects REA required
  - 46 waterpower projects Class EA for Waterpower required
  - 13 bio-energy projects REA required
- Mid-sized and small sized projects (e.g. small wind, rooftop solar, residential systems) have a streamlined REA or do not have REA requirements
- Key regulatory ministries are Ministry of the Environment, Ministry of Natural Resources and Ministry of Tourism and Culture



#### Renewable Energy Project Development for FIT



All regulatory requirements must be met prior to the OPA issuing a Notice to Proceed. For information on these requirements, please visit the "About Regulatory Approvals and Permits" section of our website.

The Notice to Proceed is the formal approval from the OPA that will allow you to proceed with the construction of your project.

When a FIT contract is awarded, you will have a prescribed amount of time in which your project must come into commercial operation. This will vary according to technology type:

(3 years for onshore wind, solar and bioenergy, 4 years for offshore wind, and 5 years for waterpower)



#### Renewable Energy Approval Process - Highlights

- Ontario's priority is to ensure that renewable energy is developed in a way that protects human health and the environment. The Renewable Energy Approval (REA) ensures that protection.
- The REA requires:
  - consultation with local community, municipality and Aboriginal groups
  - extensive research on potential environmental effects (and design changes or mitigation measures if required)
- If the Ministry of the Environment does not see evidence that consultation and comments received were taken into consideration, a REA will not be granted.
- Obtaining a Feed in Tariff (FIT) contract from the Ontario Power Authority
  (OPA) does not assure that an REA will be issued. The REA is a separate process
  based on environmental protection and community consultation.



#### Renewable Energy Approval Process - What's In, What's Out

#### **Wind Facilities**

- Over 3kW but less than 5okW (streamlined requirements)
- Over 50kW (including setbacks)
- All off-shore wind projects

#### **Solar Facilities**

- Ground mounted over 10kW
- No REA approval required for rooftop or wall mounted of any size
- Prime agricultural land restrictions within the FIT contract

#### **Bio-energy Facilities**

- Defined in the Green Energy Act as biomass, biogas or bio-fuel
- Can be anaerobic digestion or thermal treatment facilities
- No approval required for farm-based operations addressed under the Nutrient Management Act

#### **Waterpower Facilities**

 Does not require an REA; existing Class EA and Ministry of the Environment (MOE) / Ministry of Natural Resources (MNR) approvals still apply



#### **Consultation and Public Input**

#### **Consultation with the Public**

#### Public consultation:

- At least two community meetings are required for each municipality
- The project developer will also provide <u>documentation of all community</u> <u>consultation efforts</u> and explain how issues raised during the community consultation were addressed
- Studies and reports must be made publicly available 60 days before final public meeting. Municipality will receive 90 days before final public meeting
- Through guidance, province encourages early and frequent consultation with local community and municipality



#### **Consultation and Public Input**

#### **Consultation with Municipalities and Local Authorities**

- Proponents are required <u>by regulation</u> to circulate the consultation form to the clerk of every municipality where the project location is situated
- Municipal Consultation Form will address matters relating to municipal or local infrastructure and servicing
- Proponents must show how they addressed municipal or local authority concerns or why they were unable to do so



#### **Consultation and Public Input**

#### **Aboriginal Consultation**

#### **Aboriginal Consultation**

 Project developer must demonstrate that they have contacted all potentially impacted Aboriginal communities and distributed the consultation form to address adverse impacts on constitutionally protected aboriginal or treaty rights.

#### **Environmental Bill of Rights (EBR)**

- Notices of complete applications for REA are posted on Environmental Registry for a minimum of 30 days - <a href="http://www.ebr.gov.on.ca/">http://www.ebr.gov.on.ca/</a>
- 3<sup>rd</sup> parties can appeal decisions within 15 days.



#### **Pre-Submission Process**

The REA process is front-end loaded – developers must complete almost all applicable requirements before submitting an application:

- Conduct initial/ongoing public, municipal and Aboriginal consultations
- Prepare draft technical reports (consultation reports, noise studies, design and operations reports etc.)
- Carry out Natural Heritage Assessment and obtain MNR confirmation letter
- Carry out Archaeological and Cultural Heritage Assessments and obtain MTC confirmation letter
- Provide draft reports and sign off letters for public review in advance of final public consultation
- Conduct final public consultation
- Finalize and submit reports and application documents ("Complete Submission").
   Government has six month timeline to review once Complete Submission is accepted.
- N.B. Proponents often have additional permitting requirements that they typically carry out concurrently with REA (e.g. Bird and Bat Studies, Species at Risk investigation, federal EA requirements). These can have impacts on timelines.



#### **Post-Submission Process**

- MOE reviews and accepts (or rejects) application.
- MOE posts application on EBR Registry for 30 day public comment period.
- MOE reviews application and makes REA decision.
- Issuance of REA decision.
- If decision is appealed within 15 days of REA issuance, the Environmental Review Tribunal has six months to make a decision on the appeal.



#### **REA Process in Detail**

Step One	Proponent submits draft Project Description Report (PDR) to the Ministry of the Environment (MOE) and requests Aboriginal Consultation List.
Step Two	Proponent provides notice of project and of initial public meeting to identified Aboriginal communities, local municipalities, identified stakeholders and the public at large.
Step Three	Proponent begins Aboriginal consultation activities, which are ongoing throughout the development process, even after REA is issued.
Step Four	Proponent holds first public meeting and presents basic project concept to the public, soliciting feedback that it will take into consideration in the design process.



	Step Five: Natural	Natural Heritage Assessment:			
Her Arc	Heritage, Cultural Heritage and Archaeological	<ul> <li>Proponent evaluates significance of natural heritage features and performs required studies and MNR reviews and confirms approach</li> </ul>			
	Assessments	<ul> <li>Once satisfied, MNR provides confirmation letter to proponent</li> </ul>			
		Cultural Heritage Assessment:			
		<ul> <li>Proponent evaluates potential impact on cultural heritage resources and performs required heritage assessment and MTC reviews and confirms approach.</li> </ul>			
		<ul> <li>Once satisfied, MTC provides confirmation letter to proponent</li> </ul>			



Step Five: Natural
Heritage, Cultural
Heritage and
Archaeological
Assessments cont.

#### Archaeological assessment:

- Proponent evaluates potential impact on cultural heritage resources and performs required heritage assessment and MTC reviews and confirms approach.
- Once satisfied, MTC provides confirmation letter to proponent



Step Six	Proponent prepares draft technical reports, potentially including:
	■ Construction Plan report
	■ Consultation Report
	■ Decommissioning Plan Report
	■ Design and Operations Report
	■ Effluent Management Plan Report
	■ Emission Summary and Dispersion Modelling Report
	■ Hydrogeological Assessment Report
	■ Noise Study Report
	■ Odour Study Report
	■ Project Description Report
	■ Surface Water Assessment Report
	■ Wind Turbine Specifications Report



Step Seven	Proponent:			
	<ul> <li>Provides municipal guidance form to the applicable municipality(ies). As of January 1, 2011, proponent also provides draft technical reports (including MNR and MTC letters) to the municipality(ies);</li> </ul>			
	<ul> <li>Provides notice of final public meeting and copies of draft technical reports (including MNR and MTC letters) to the public; and</li> </ul>			
	■ Holds final public meeting; and			
	■ Finalizes and submits reports, including MNR and MTC letters, to MOE as its Complete Submission. Proponent posts reports on a public website.			
Step Eight	MOE reviews application for completeness and either rejects or accepts the application:			
	■ If application is accepted, MOE posts the application on the EBR Registry and solicits additional comments for a 30-day period;			
	• MOE has up to six months to review the application and make a decision, starting from the date of accepting the application (MOE may if necessary 'stop the clock' while it solicits additional information from the proponent);			
	■ REA decision is issued;			
	■ A person may seek leave to appeal the decision by serving written notice upon the Director and the Tribunal within 15 days of the issuance of the REA decision. The tribunal must issue its decision on the appeal within 6 months of the date that notice is served.			



#### **Renewable Energy Facilitation Office**

The province has established the Renewable Energy Facilitation Office (REFO) in the Ministry of Energy to:

- Act as a one-window access point for information to assist renewable energy project proponents (developers, communities and municipalities)
- Work with their partners at MOE, MNR and OPA, to monitor projects from inception to construction to help proponents monitor their projects and keep them on track
- Advise proponents of potential requirements imposed by the Government of Canada such as triggers for approvals from the Canadian Environmental Assessment Agency
- Through information obtained from proponents, provide feedback to the Ministry on the overall efficiency of the new policies and identify areas for improvement



#### **Contact information**

Renewable Energy Facilitation Office

Tel: 416-212-6582 or **1-877-440-REFO (7336**)

Email: REFO@ontario.ca

Website: www.ontario.ca/renewableenergyprojects

Renewable Energy Information Centre website:

www.ontario.ca/renewableenergy

Ministry of the Environment website – Renewable Energy Approval process:

www.ene.gov.on.ca/en/business/green-energy/index.php

## Economic Opportunities and Community Power: What the Green Energy and Green Economy Act can do for you!



Ontario Sustainable Energy Association

WIND ENERGY INFORMATION NIGHT - NIAGARA REGION
SOUTH LINCOLN HIGH SCHOOL
SMITHVILLE ONTARIO

### **About OSEA**



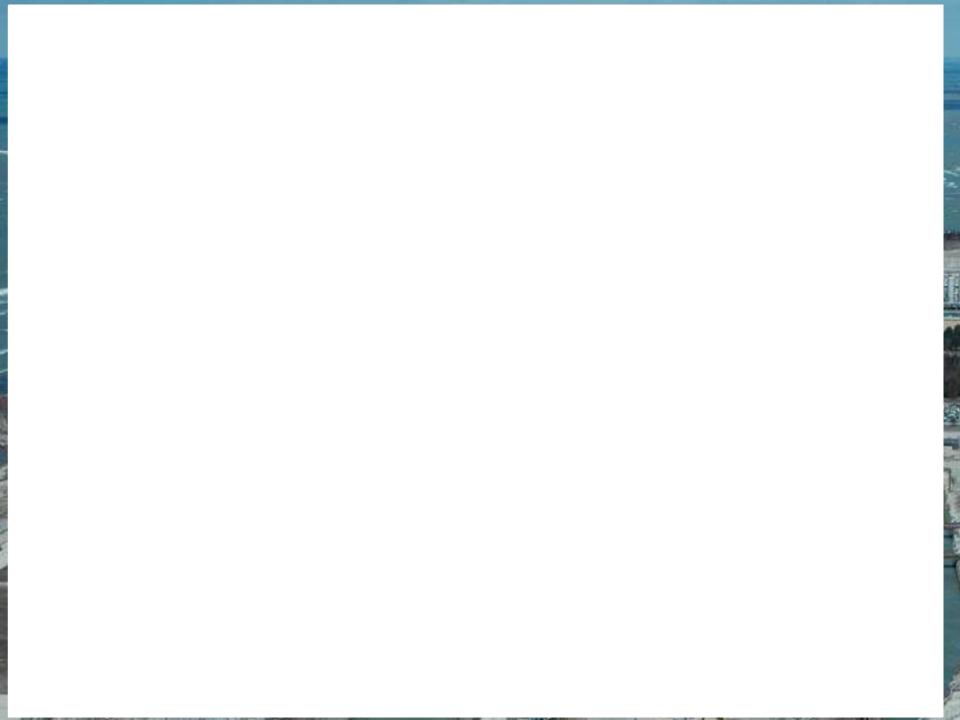
#### What is OSEA?

A province-wide, member-based non-profit association founded in 1999 that represents and serves Ontario's Community Power sector through advocacy, public outreach and capacity building activities.

#### Who is OSEA?

120+ Community Power organizations and sustainable energy enterprises including households, First Nations, co-ops, farmers, private businesses, municipalities and other local institutions - 1500 members

WE STORE THE STATE LITER BY MOSULIALION



## Two diverging energy paths



#### **SOFT PATH**

- Locally owned
- Distributed
- Renewable
- Systems thinking
- Effective
- Diversity
- Regulated markets
- Ecological limits
- Quality of life

#### HARD PATH

- Absentee owned
- Centralized
- Finite
- Reductionist
- Efficient
- Monoculture
- Free markets
- Limitless growth
- Standard of living

## **Key elements of GEGEA**



- Enhanced policy commitment to conservation, smart grid and renewables
- Enables feed-in tariffs to procure renewables
- Guaranteed connection of renewables
- Streamlined approvals while protecting neighbouring land uses

http://www.mei.gov.on.ca

## **Key elements of FIT Program**



- Differentiated by size & technology
- Differentiated by application
- Tariffs based on cost of generation plus a reasonable profit
- No program cap
- No project size cap

http://www.powerauthority.on.ca/FIT/

Renewable Fuel Size tranches		Contract Price ¢/kWh	Escalation Percentage <sup>4</sup>	
Biomass <sup>1,2</sup>				
	≤ 10 MW	13.8	20%	
	> 10 MW	13.0	20%	
Biogas <sup>1,2</sup>				
On-Farm	≤ 100 kW	19.5	20%	
On-Farm	> 100 kW ≤ 250 kW	18.5	20%	
Biogas	≤ 500 kW	16.0	20%	
Biogas	>500 kW ≤ 10 MW	14.7	20%	
Biogas	> 10 MW	10.4	20%	
Waterpower <sup>1,2,3</sup>				
	≤ 10 MW	13.1	20%	
	> 10 MW ≤ 50 MW	12.2	20%	
Landfill gas <sup>1,2</sup>				
	≤ 10MW	11.1	20%	
	> 10 MW	10.3	20%	
Solar PV				
Any type	≤10 kW	80.2	0%	
Rooftop	> 10 ≤ 250 kW	71.3	0%	
Rooftop	> 250 ≤ 500 kW	63.5	0%	
Rooftop	> 500 kW	53.9	0%	
Ground Mounted <sup>2</sup>	≤ 10 MW	44.3	0%	
Wind <sup>2</sup>				
Onshore	Any size	13.5	20%	
Offshore	Any size	19.0	20%	

## microFit and FIT Launch Applications

Update this information from the Web site

## What is Community Power?

- Community Power is all about community ownership and the building of capacity for locally inspired community action around energy generation and sustainability.
- Community Power is about enabling communities of people to participate and be empowered to take positive, locally based actions that will result in the more sustainable use of energy now and for the future.



## **Local Community Benefits**

- Locally Owned Community Power Projects:
  - Generate 5-10 times the local benefits than the traditional, centralized energy generation model (Iowa Policy Project)
- Traditional, centralized energy generation model
  - 75-90 cents of every dollar spent on energy leaves the local economy
    - (U.S. Dept. of Energy, Rocky Mountain Institute)

#### Reasons to work with Community Power

#### **Eco-Economic Benefits**

- sustainable green job creation;
- community private sector investment in renewable energy;
- improved per capita energy efficiency;
- reduced GHG emissions;
- improved natural environment

#### Socio-Economic Benefits

- enhanced civic engagement and social cohesion;
- optimized community form;
- improved quality of life;
- resilient communities, and;
- economic benefits retained locally.

## **Community Power**



	Farmer	Community	Corporate	
Netherlands	60%	5%	35%	
Germany	10%	40%	50%	
Denmark	64%	24%	12%	
Spain	0%	0%	100%	
<b>Great Britain</b>	1%	1%	98%	
Minnesota	31%		69%	
Ontario	<1%		>99%	

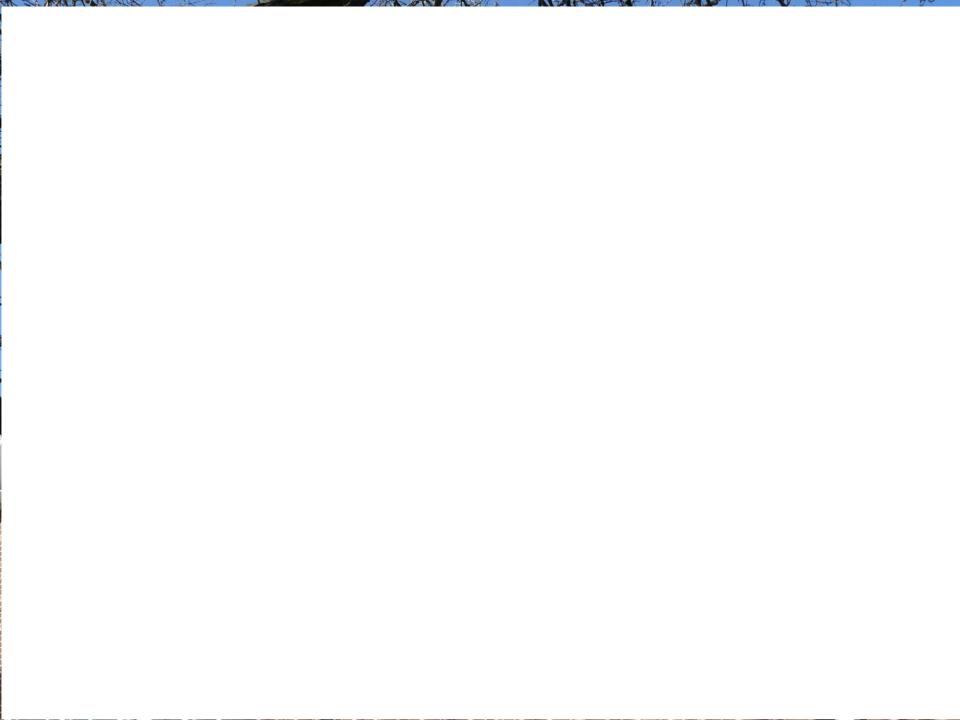
Source: NL,D,DK,ES,GB: Dave Toke, University of Birmingham, 2005, updated to

Toke 2008

Source: Minnesota: Windustry, 2008

Source: Ontario: OSEA, 2008

	THE WEST TO SERVE		A RE	







mers Economic Opportunity



ABOUT US COMMUNITY POWER RENEWABLE ENERGY MEMBER NEWS LINKS

CONTACT

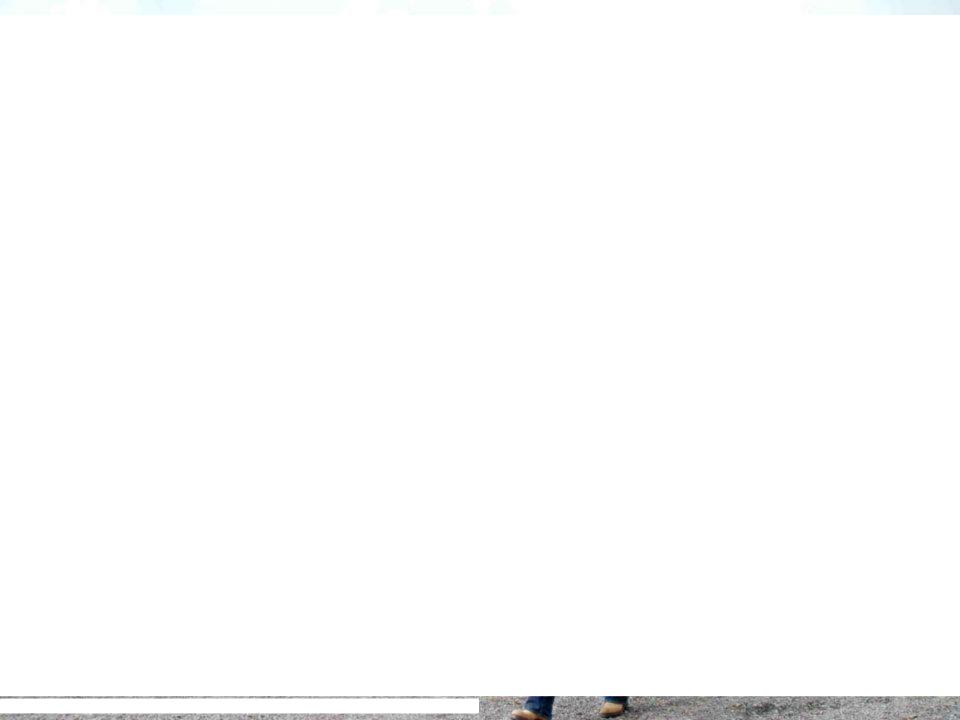
#### FARMERS For ECONOMIC OPPORTUNITY (FEO)

is a self-governing, grassroots farm organization committed to rural economic development through Renewable Energy Production (bioenergy, earth energy, hydroelectric energy, solar energy and wind energy).

While the economic viability of traditional farming faces ever growing uncertainty, increased interest in renewable energy alternatives provides a unique opportunity for Ontario's farming community to diversify, remain sustainable--and actually grow-something we know all about!

MORE ABOUT FEO & RENEWABLE ENERGY





# **Community Power Price Bonus**

Renewable Fuel	Wind	PV (Ground Mounted)	Water	Biogas	Biomass	Landfill Gas
Maximum Aboriginal Price Adder (¢/kWh)	1.5	1.5	0.9	0.6	0.6	0.6
Maximum Community Price Adder (¢/kWh)	1.0	1.0	0.6	0.4	0.4	0.4

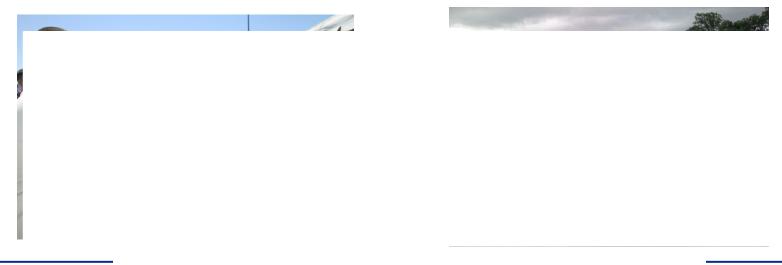
# Barriers Related to Local Communities

- More challenging to work in groups but more beneficial
- Lack of knowledge, skills, experience in energy sector
- Limits start up support \$\$\$, people for initiation and readiness assessment
- It is complicated Grid access issues, allocations, REA
- Local banks/credit unions unfamiliar with renewable power projects and local ownership
- Project development challenges
- Let the experts do it attitude

# Even more important reason to start a Community Power project!

# "There is nothing more powerful than a community discovering what it cares about" Meg Wheatley

- Community Power is also about creating a resiliency at the local level by local residents by connecting people in their communities to where their energy comes from and how they use it.
- By empowering the community through community power we create the connections to address other local sustainability issues...we begin to understand each others story and collectively change our behaviours...in order to make our community sustainable for the generations to come.







# Wind Energy Information Night Presentation

Valerie Kuhns, Vice President, Market and Sector Development Niagara Economic Development Corporation





## **Niagara Economic Development Corporation**

- Non-profit corporation
- Region's economic development mandate to advance the economic prosperity of Niagara
- Niagara Economic Growth Strategy 2009-2012
- Emerging Sectors including 'Wind Energy'
- Attract manufacturing investment and supply chain opportunities for existing companies







## **Growing Industry in Canada and Ontario**

- Wind Vision 2025, CanWEA
  - 20% Canada's electricity demand supplied by wind energy 2025
  - 2015 forecast 24,000 jobs and \$5.6 billion investment
- Ontario Green Energy Act, 2009
  - 50,000 jobs in renewable energy (2011 20,000)
  - Clean energy manufacturing base growing and creating jobs
- Ontario's Long Term Energy Policy, November 2010





## **Ontario Green Energy Act**

- Stimulating interest in the province from wind turbine and component manufacturers internationally
- Growing number of potential investors have visited the region including manufacturers of blades and towers
- Creating opportunities through high percentage domestic content regulations





### **Opportunity for Niagara**

Wind farms generate a lot more than electricity for the community

employment opportunities

labour-intensive construction phase permanent positions in operations and maintenance

 generate a new tax base that can help fund everything from street improvements to a new community centre





## **Opportunities for Niagara**

- increase in the purchase of local goods and services
- supplement farmers incomes and does not disable their lands from becoming productive
- new tourism opportunities
- environmental benefits





# **Growth Opportunities for Niagara Region**

- Wind energy industry new source of manufacturing Bremerhaven
- Manufacturing strengths in primary metal; power generation; aerospace
- Proximity to wind farms necessary for large components
- Transportation and logistics
- Port Colborne wind energy cluster





## Competitive environment is intense

Renewable energy is part of Ontario's long term plan

Niagara is well positioned to benefit







# Thank you

Please visit our website for more information on Niagara's advantages in the Green Energy Sector

www.niagaracanada.com

# What was significant about the Windfarm Study in Chatham-Kent from Our Perspective?

- 1. It was the first definitive study of its kind completed in Ontario that seriously examined the issue of Wind Farms and Property Values.
- 2. It also revealed the complexities of trying to answer this basic question.
- 3. It also indicated that the results of the study cannot be used as a "rubber stamp" because of the numerous factors that can influence price.
- 4. It also indicated that there is a need to study the issue further in various parts of Ontario.
- 5. It produced a lot of unanswered questions for us such as:
- A. Does the purchase date of a property near a wind farm have any relationship to Time of Year.
- B. Is there a variance in prices of properties in relation to specific distances to windfarms?
- C. What role does Days on Market play in deciphering value. Some other studies suggest that

there is a longer marketing time for those properties located near wind farms.

- D. What do Views of Windfarm really mean?
- E. Is there any difference in price of properties near Wind farms that were bought during the Winter months as opposed to the Summer Months?
- F. The study did prove that the best method of analysis was Regression Analysis and not the Paired Sales Method.



# Canadian Association of Physicians for the Environment

- the national voice of physicians on the environment and health



# Canadian Association of Physicians for the Environment

- the national voice of physicians on the environment and health

#### Who we are

Under the Green Energy Act, the province has established the Renewable Energy Facilitation Office (REFO), a one-window access point to assist renewable energy project proponents (developers, communities and municipalities) obtain information about bringing their projects to life. We work closely with our partners across government to facilitate the development of renewable energy projects in Ontario and to provide direct assistance and support to project proponents.

#### Contact us

Visit us online at: www.ontario.ca/renewableenergyprojects

To get help with planning your renewable energy project, contact the Renewable Energy Facilitation Office (REFO) by e-mail or by telephone.

You can reach us via e-mail at: REFO@ontario.ca

Please call us toll-free: 1-877-440-REFO (7336)

Within the GTA, please call: (416) 212-6582

### Renewable



A Resource for Developing Renewable Energy Projects in Ontario



#### How we can help

Ontario's Renewable Energy
Facilitation Office (REFO) can be your
one-window access point for
information on renewable energy
project requirements. If you are thinking
about developing a project in Ontario
but are unsure of what's involved, then
we are a good starting point for you.
We can help you understand the
requirements for developing a renewable
energy project in Ontario, guide you
through the approval processes as well
as connect you with key people across
the provincial government.

#### The Green Energy Act

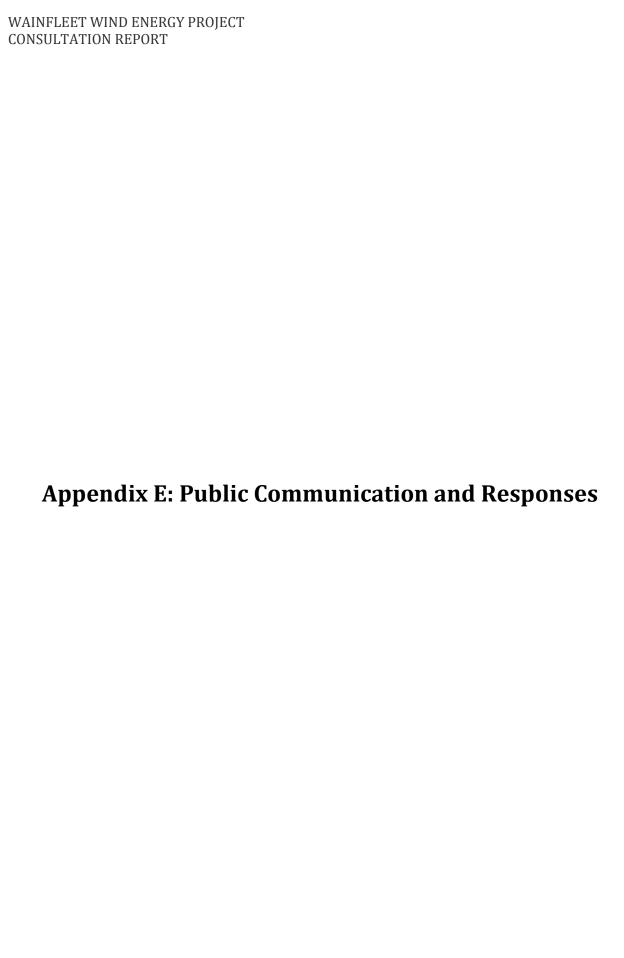
Ontario's Green Energy Act has made it easier to bring renewable energy projects to life. By developing provincial standards, a streamlined approvals process and a Feed-in Tariff program that guarantees specific rates for energy generated from renewable sources, Ontario has become the North American leader in attracting renewable energy projects and green jobs

New feed-in tariff program -A pricing program for renewable energy

The Feed-in Tariff program guarantees specific rates for energy generated from renewable sources—and helps spark new investment in renewable energy generation, increase investor confidence, and improve access to financing.

# Streamlined government approval system

New province-wide standards for renewable energy projects have been established – like standardized setback requirements for wind farms. A streamlined government approvals process which provides service guarantees for renewable energy projects has also been established. Approval processes for renewable energy projects will continue to ensure high safety and environmental standards are met.



#### Jonathan Veale

From: Jonathan Veale

**Sent:** Sunday, July 25, 2010 10:29 PM

To:

Subject: RE: Wainfleet Wind Energy Project

- - - -,

Thank-you for your recent e-mail regarding the Wainfleet Wind Energy Project. We have added your e-mail address to our contact list and you will receive e-mail updates as the project progresses through the Renewable Energy Approval. At this time I wish to encourage you to attend our Public Open House as scheduled:

# Wainfleet Wind Energy Project Public Open House #1, August 24, 2010

3:00 pm to 7:00pm Firefighters Memorial Community Hall, Township of Wainfleet 19M7 Park Street, Wainfleet, Ontario, LOS 1V0

In your e-mail you asked us to provide you with the location of the proposed turbines. We are presently completing several studies including Archaeology, Natural Heritage, and Cultural Heritage which, once completed, will help us determine the location of the proposed facility. The proposed turbine layout (roads, turbines, taplines, etc...) will be available in the Fall of 2010 for your review and comment. The Public Open House on August 24th will introduce the project to you and other landowners while providing you with an understanding of the studies and approach that Wainfleet Wind Energy Inc. is proposing. Your participation and feedback helps us to improve the design of the project.

Please contact me if you have any other questions or comments regarding this project.

Yours truly,

Jonathan Veale M.E.S. CCEP Environmental Planner – Environmental Division Planificateur environnementale – Division Environnementale iveale@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Office: 416 499 3110 x1639 | Fax: 416 499 9658 Cell: 416 347 8766 morrisonhershfield.com

----Original Message----

From:

Sent: July-22-10 2:48 PM

To: Sunny Galia Subject: wainfleet

Hi There,

We are property owners in Wainfleet and would like to continue to receive all information regarding this project.

One question that your recent letter does not answer is exactly where the turbines will be located..surely your firm has an idea as to where the property that you own or will lease is? Your description as to where the turbine will be located is cryptic at best.

Thank you

#### **Britney Pringle**

From: Britney Pringle

**Sent:** Friday, August 27, 2010 11:44 AM

To:

Cc: Jonathan Veale; 'sunny@ipcenergy.ca'
Subject: RE: Wainfleet Wind Energy Project

Attachments: POH1 Wainfleet Boards FINAL FOR PRINT\_Aug20\_10.pdf; Wainfleet\_Comment Sheet.pdf

As discussed previously, please find the attached copy of the display boards from the Wainfleet Wind Energy Project Public Open House on Tuesday August 24, 2010 for your viewing, as well as a copy of the comment form that was distributed that evening. If you wish to fill out the comment form, kindly return it by September 24, 2010 as per the instructions stated on the form.

Best Regards,

#### **Britney Pringle**

Environmental Assistant bpringle@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Dir: 416 499 3110 x1435 | Cell: 416 994 3410 Fax: 416 499 9658 morrisonhershfield.com

From: Britney Pringle

Sent: Wednesday, August 11, 2010 2:55 PM

To:

**Cc:** Jonathan Veale; sunny@ipcenergy.ca **Subject:** Wainfleet Wind Energy Project

Thank-you again for your call regarding the Wainfleet Wind Energy Project. I have attached our draft Project Description Report, which will provide you with some more information about this proposal. For additional clarification with regards to your inquiry about the location of the proposed turbines, we are presently completing several studies including Archaeology, Natural Heritage, and Cultural Heritage which, once completed, will help us determine the location of the proposed facility. The proposed turbine layout (roads, turbines, taplines, etc...) will be available in the Fall of 2010 for your review and comment.

Since you are unable to attend the first Public Open House scheduled for August 24, 2010, I will e-mail you a pdf. version of the display boards that are going to be presented that day, as well as a comment form for you to fill out and send back to us. Your participation and feedback helps us to improve the design of the project, and is of value to us. You can expect to receive these two items shortly after the Public Open House takes place on August 24th.

I will also add your e-mail address to our contact list so that you may receive e-mail updates as the project progresses through the Renewable Energy Approval. If you require any further information, or need to communicate questions or concerns, please also contact:

Sunny Galia or Jonathan Veale

Project Manager IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississaugua, ON L5N 5R1

Tel.: (905) 607-1016 Fax: (905) 607-5995

Email: sunny@ipcenergy.ca

Environmental Planner Morrison Hershfield 235 Yorkland Blvd., Suite 600 Toronto, ON M2J 1T1

Tel.: (905) 499-3110, Ext. 1639

Fax: (416) 499-9658

Email: <u>jveale@morrisonhershfield.com</u>

Best Regards,

#### **Britney Pringle**

Environmental Assistant bpringle@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Dir: 416 499 3110 x1435 | Cell: 416 994 3410 Fax: 416 499 9658 morrisonhershfield.com

#### **Britney Pringle**

From: Jonathan Veale

Sent: Thursday, August 26, 2010 4:11 PM

To:

Cc: Sunny Galia; Britney Pringle

**Subject:** RE: wind project

Mr. and Mrs.

I wanted to check if you received this e-mail as it contained large attachments. Please let me know if you received everything.

#### Regards,

#### Jonathan Veale

Environmental Planner – Environmental Division Planificateur environnementale – Division Environnementale jveale@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Office: 416 499 3110 x1639 | Fax: 416 499 9658 morrisonhershfield.com

From: Jonathan Veale

**Sent:** Thursday, August 26, 2010 4:07 PM

To:

Cc: Sunny Galia

Subject: RE: wind project

Importance: High

Dear Mr. and Mrs.

Thank-you for taking the time to write us about your thoughts on the Wainfleet Wind Energy Project. I am sorry to hear that you were unable to attend our Public Open House scheduled for this past Tuesday. This was the first of two Public Open Houses for the Wainfleet Wind Energy Project, with the second planned for this Fall. Hopefully the second Open House will be of better timing for you both. The Public Open House on August 24th was designed to introduce the project to you and other landowners, provide you with an understanding of the studies and approach that Wainfleet Wind Energy Inc. is proposing, and give you an opportunity to address any questions, comments or concerns you might have regarding the project. Input from this and other meetings will help us to improve the design of the project. I have attached our draft Project Description Report, which will provide you with some additional information about the project.

In your email you have indicated that you are concerned about how this project will impact and benefit communities in the Township of Wainfleet. I have carefully considered your comments and please find my response below.

The Wainfleet Wind Energy Project is a 10MW Wind Energy Project with a maximum of five (5) wind turbines proposed. Although it is true that some of the proposed turbines may end up being visible from your property, this project was not designed with the intention of overpowering the existing natural landscape. The turbines will be placed in open agricultural fields, with the expectation that regular agricultural activities will continue to occur as they are presently. It is important to keep in mind that not all five of the proposed turbines will be located on the

same property; in fact, they would be placed on a few separate properties within the 3500 hectare project area. This might limit the number of turbines that you will be able to view from your property.

Wind energy projects are clean and reliable sources of renewable energy. There will be no greenhouse gas emissions or other waste by-products generated from the facility during its operation, and will therefore not be a source of pollution to the surrounding environment unlike other forms of industry.

The Renewable Energy Approval (REA) is administered by the Ministry of the Environment. As part of the REA process we are <u>required</u> to have meaningful consultation with the local municipality, residents and landowners. The intent of consultation is to not only inform the local community about the proposed project, but to also solicit feedback on various aspects of the project to incorporate into the project's design. All project documentation and reports when complete will be available to you and other members of the public for review and comment. We take consultation and feedback from the local municipality and community very seriously seeing as this is a community based power project initiated by local community members and landowners. We have met with the Township of Wainfleet staff and council on a couple of occasions to discuss this project, and we have an open and honest working relationship with them. We will meet with them again in the future.

The REA has established strict guidelines and setbacks that must be followed with regards to the protection of the natural environment and impacts to local residences and communities. Currently we are completing studies for Natural Heritage, Archaeology, Cultural Heritage and Noise. Our Natural Heritage Report will include the assessment of Species At Risk, as well as bats, birds and other wildlife. Once these studies are complete it will allow us to determine the best locations for the five turbines. All of the proposed turbines will adhere to minimum setbacks from residences (550m) and natural features. We also must produce an Environmental Impact Statement which describes all of the potential effects that may occur as a result of the project and how we will reduce or eliminate them. These studies will be completed in September. In any case, we will not build on significant features as this is not possible. Our Natural Heritage Assessment must be approved by the Ministry of Natural Resources (MNR) or the project cannot be constructed.

Wind turbines do produce noise. However, all projects must meet regulatory requirements for sound in order to be approved. Acceptable separation distances for sound are between 300 and 600 meters. All of the noise setbacks for our project will be greater than 550 meters. At these distances, the sound generated from turbines is similar to a whisper. While conditions differ, the sound is often masked by background noise or the wind itself. Modern turbines are so quite that it is possible to carry on a normal conversation at the base. (GEAA, 2010).

With regards to health side effects as a result of living within close proximity to wind turbines, a May 2010 report published by the Chief Medical Officer of Health for Ontario concluded that vibration from low frequency wind turbines at residential setbacks does not cause adverse health effects. They also concluded that low frequency sound and infrasound produced by turbines are well below the pressure sound levels at which know health effects occur. (MHLC, 2010).

The project will benefit the local community by contributing to the tax base through the creation of jobs (permanent and temporary), property tax assessments paid to the local municipality, and school tax assessment. The proponent will also make tax contributions on their profits and through the HST. We do intend to produce a few permanent positions with the majority of employment being attributed to construction and maintenance. Given the scale of the project (five turbines), we believe that this is a small but reasonable contribution to employment in Wainfleet.

We also believe that this project contributes to a more sustainable future. If approved, the project will generate enough power for approximately 2,500 homes by feeding directly into the Hydro One distribution system. We believe that this small contribution is one meaningful way that we can reduce green house gas emissions and our dependence on fossil fuels.

It is understandable that you might have concerns regarding the protection of the value of your property. That being said, numerous studies have found that there is no evidence that a commercial wind farm within sight of a

property will decrease its value. A study in Madison New York found no connection between wind turbine visibility and property value even when concentrating on homes located within a mile and sold immediately following the announcement of a new wind farm (GEAA, 2010). Other studies are more applicable to Ontario.

Finally, I have attached a printable version of the display boards that were presented on August 24th for your viewing and will provide you with some additional sources of information that will help address some of your concerns. As previously stated, feedback from the public is a significant part of this project. Please find the attached comment form for you to fill out so that we may incorporate your feedback into the projects design.

Thank-you once again for taking the time to write us about the Wainfleet Wind Energy Project. I hope my response speaks to all of your comments and that this helps you make an informed opinion about wind energy and this project. If you wish to discuss this further please to not hesitate to contact me.

Yours truly,

#### Jonathan Veale

Environmental Planner – Environmental Division Planificateur environnementale – Division Environnementale iveale@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Office: 416 499 3110 x1639 | Fax: 416 499 9658 morrisonhershfield.com

From:

**Sent:** August-23-10 11:37 AM

**To:** Sunny Galia **Subject:** wind project

Monday, August 23

Dear Sirs,

We cannot attend the open house on August 24. We have some concerns about the proposed wind project in Wainfleet. Our understanding is that it will likely be in the field directly behind our home. An access road adjoins our property.

Our concerns are as follows:

We enjoy the farm scenery from our deck. The silos from the windmills will change the horizon forever. In our opinion they will destroy the natural beauty of the landscape behind our home.

The windmills are an industry. The way the province has set up the laws governing the establishment of this industry is shameful. Any other industry would require input from the township and its residents

before it could get a foothold in the community. The present set up leaves the feeling of powerlessness to those of us who will be most closely affected by this project.

We enjoy feeding the birds and watching the wildlife that comes through the fields. We understand there are concerns about the quality of life for birds, animals and mankind in areas close to the windmills.

Although there is no documented proof that the vibrations affect the health of humans, there also is not sufficient evidence that it doesn't. Some people do get sick. From our understanding of the project, we would be in direct

range of such vibrations.

The benefits of the project to both the community and the province are questionable. We are told that the quality of our hydro service ,which is poor to start with , with frequent and prolonged interruptions in inclement weather

and sometimes even in good weather, will not improve. The perception is that the main benefits from this project will be financial to the farmer and the business behind the project.

The location of the project does not affect just agricultural areas. The communities of Long Beach, Burnaby, and Ostryhon's Corners are partly residential. It is not right that the proposed wind project should be established without considering

the concerns of the people who may be most impacted by this project.

We are in our retirement years. Our property is our retirement investment. We have concerns about the potential for property devaluation as a result of this project. Certainly there is enough controversy about the value and safety of

wind farms at the present to cause some people to question the wisdom of purchasing property located close to one, especially if they already have health issues or a young family.

Yours truly,

Organisation Type =

RE: WAINFLEET WIND ENERGY INQUIRY FORM Subject: ----Original Message----Sent: September-08-10 11:36 AM To: Sunny Galia Subject: RE: WAINFLEET WIND ENERGY INQUIRY FORM Sunny, thank you for your website response. Please consider my concern as answered and closed. ----Original Message----From: Sunny Galia [mailto:Sunny@ipcenergy.ca] Sent: Wednesday, September 08, 2010 11:03 AM Tom Lewis; JVeale@morrisonhershfield.com To: Cc: John Andrews Subject: RE: WAINFLEET WIND ENERGY INQUIRY FORM Ηi Thank you for your interest in our Wainfleet wind energy project. The web site is monitored regularly and will be updated as we progress with the project and new information becomes available. As far as public and stake holder inquiries are concerned, the inquiry goes to myself, Tom Lewis and our environmental consultant Morrison Hershfield. Depending on the nature of the inquiry one of us will respond. It will help us addressing your concerns better if you can let us know how you are impacted and what are your concerns. Thanks. Sunny ----Original Message----From: Sent: September-08-10 10:52 AM To: Tom Lewis; Sunny Galia; JVeale@morrisonhershfield.com Subject: WAINFLEET WIND ENERGY INQUIRY FORM // WAINFLEET WIND ENERGY INQUIRY // Title = First Name = Last Name = Full Address = Postal Code = Email = Phone Number = Impacted by the project? = YES Organisation Name =

Feedback | Comments | Concerns = Tom, I am interested in how often the

site is monitored and what and who feedbacks to the postings

No virus found in this incoming message.

Checked by AVG - <a href="https://www.avg.com">www.avg.com</a>
Version: 8.5.441 / Virus Database: 271.1.1/3117 - Release Date: 09/06/10

06:35:00

From: Sunny Galia [Sunny@ipcenergy.ca]
Sent: Monday, October 25, 2010 8:10 AM

**To:** Jonathan Veale; Britney Pringle; Tom Lewis

Subject: Re: Fwd: WAINFLEET WIND ENERGY INQUIRY FORM

I will try to down load and fix the problem, if any. Thanks.

Sunny

---- Original Message -----

From: Jonathan Veale <JVeale@morrisonhershfield.com>

To: Britney Pringle <BPringle@morrisonhershfield.com>; Tom Lewis; Sunny Galia

Sent: Sat Oct 23 20:31:08 2010

Subject: Fwd: WAINFLEET WIND ENERGY INQUIRY FORM

Tom/Sunny, download error?

Jonathan

Begin forwarded message:

From:

Date: 23 October, 2010 14:07:44 EDT

To: <Tom@ipcenergy.ca>, <Sunny@ipcenergy.ca>, <JVeale@morrisonhershfield.com>

Subject: WAINFLEET WIND ENERGY INQUIRY FORM

// WAINFLEET WIND ENERGY INQUIRY //

Title =

First Name = Last Name =

Full Address = , London, Ontario

Postal Code = N6E 1A2

Email =

Phone Number =

Impacted by the project? = radio

Organisation Name = Optimum

Organisation Type =

Feedback | Comments | Concerns = Just tried to download project description and I received a bad dictionary error message for both Vineland and Wainfleet. No need to respond. Thought you should know.

From: Jonathan Veale

Sent: Tuesday, October 19, 2010 3:03 PM

To: Subject:

RE: WAINFLEET WIND ENERGY INQUIRY FORM

Attachments: Undeliverable: WAINFLEET WIND ENERGY INQUIRY FORM; Delivery delayed: WAINFLEET

WIND ENERGY INQUIRY FORM; Delivery delayed: WAINFLEET WIND ENERGY INQUIRY

FORM; Delivery delayed: WAINFLEET WIND ENERGY INQUIRY FORM; Delivery

delayed:WAINFLEET WIND ENERGY INQUIRY FORM; Delivery delayed:WAINFLEET WIND ENERGY INQUIRY FORM; Delivery delayed:WAINFLEET WIND ENERGY INQUIRY FORM

Thank-you for your e-mail. Sorry for the delay in responding to you, earlier e-mails to your e-mail address have been undeliverable. The purpose of this e-mail is to inform you that we have received your comments. Generally, we are able to provide you with a response within two to three business days. Once we have a chance to review your comments we will respond accordingly.

#### Regards,

#### Jonathan Veale

Environmental Planner – Environmental Division Planificateur environnementale – Division Environnementale iveale@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Office: 416 499 3110 x1639 | Fax: 416 499 9658 morrisonhershfield.com

```
----Original Message----
```

From:

Sent: Friday, October 15, 2010 10:27 PM

To: Tom@ipcenergy.ca; Sunny@ipcenergy.ca; Jonathan Veale

Subject: WAINFLEET WIND ENERGY INQUIRY FORM

Organisation Name = Wainfleet Resident

Organisation Type = N/A

Feedback | Comments | Concerns = Please comment on the following:

The cost of building a supply grid in Wainfleet capable of using the power supplied by your proposed industrial turbines?

Denmark's state owned power company, the 'poster child' for industrial wind turbines, has within the past 2 months stated they will build no more onshore wind turbines because of mounting public oppostion.

Their minimum set back distance for OFFSHORE turbines is now 10 kms. Where is your proof that 550mtrs for your onshore turbines is really 'safe'?

Germany, another 'poster child' has not succeeded in closing a single coal powered plant in the past 20 years and has recently approved plans to build 4 new coal fired plants in order to safeguard future, reliable energy supplies.

Both the above countries pay the highest hydro costs in Europe.

Carbon emissions worldwide are still increasing, not decreasing. What verifiable proof do you have that industrial wind turbines will reverse this trend any more than making current power plants more efficient and 'cleaner'?

I look forward to receiving your comments.



November 2, 2010

Re: Wainfleet Wind Energy Project
Response to Website Inquiry Form

Dear

Thank-you for your interest in the Wainfleet Wind Energy Project and for writing us about your questions and concerns. We would like to inform you that we have received your submitted inquiry form and that it has been carefully reviewed by project team members. We value your comments and the feedback you have give as it helps us to improve the design of the project and identify important local concerns and how we may better address them. We have attempted to respond to your recent website inquiry dated Friday October 15, 2010, but we were unsuccessful in delivering a response via the email address you provided:

For your information, the project team can address comments about the Renewable Energy Approval (REA) process and this particular project. We cannot speak about other projects elsewhere or broader public policy other than where it intersects with the REA or the Wainfleet Wind Energy Project. The purpose of public consultation under the REA is to help shape a project's design, identify any issues of concern and help build local support. If you have concerns about the province's public policy towards renewable energy, I would suggest that you contact your MPP or the Provincial Minister responsible. That being said, please find a response to your comments/questions below.

## Question 1: The cost of building a supply grid in Wainfleet capable of using the power supplied by your proposed industrial turbines?

As part of the Wainfleet Wind Energy Project we will not be required to build a supply grid to distribute power generated from the project. Wainfleet Wind Energy Inc. has been awarded an Ontario Power Authority (OPA) Feed-In Tariff (FIT) contract, which will allow the project to feed directly in to the present Hydro One distribution grid.

Wainfleet Wind Energy Inc. is proposing to build a 10MW wind energy project, with a maximum of five (5) wind turbines. This is considered to be a small-scale renewable energy project and it is not expected that investments in upgrading the current power grid will be needed as a result of the project's operations.

Question 2: Denmark's state owned power company, the 'poster child' for industrial wind turbines, has within the past 2 months stated they will build no more onshore wind turbines because of mounting public opposition. Their minimum setback distance for OFFSHORE turbines is now 10 kms. Where is your proof that 550mtrs for your onshore turbines is really 'safe'?

Before addressing your comments, I would also submit that articles published on the internet, while many reputable information sources exist, may be anecdotal, incomplete, and inaccurate representations. We encourage everyone to be mindful of web-based informational resources and be aware of their potential ability to mislead.

Your comments may be referring to *DONG Energy*. I retrieved this information from *DONG Energy*'s official website on October 8, 2010. You may view the company's current position regarding onshore wind turbines for yourself here:

http://www.dongenergy.com/EN/responsibility/how\_we\_work/Positions/Positions\_articles/Pages/Strong\_support\_for\_wind\_turbines-both\_onshore\_and\_offshore.aspx

With regards to your concerns about public safety as a result of the project's operations, the Wainfleet Wind Energy Project is subject to Ontario Regulation 359/09. Setback distances from residences (550metres), natural features, and sound power (40dBA) levels at non-participating noise receptors (residences, schools, places of worship, etc..) were established by the Ministry of the Environment (MOE). In order for the project to be approved by the MOE it must be demonstrated that the project's proposed facilities is in compliance with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

#### The MOE stated that:

"...setbacks have been established to protect the environment, through conservative, science-based calculations...The minimum setback of 550 m was developed by modeling propagation of turbine noise towards a receptor. Wind conditions and other factors affecting sound propagation were selected to represent a worst-case scenario to give a conservative estimate of setbacks."

If you would like to read further on the MOE's rationale and modeling methodology used to arrive at noise setback distances, I have provided the link to the 2009 publication "Development of Noise Setbacks for Wind Farms" found here:

## http://www.ene.gov.on.ca/en/business/green-energy/docs/WindNoiseSetbacks.pdf

In addition, a May 2010 report published by the Chief Medical Officer of Health (CMOH) of Ontario titled "The Potential Health Impact of Wind Turbines" also concluded that vibration from low frequency wind turbines at residential setbacks does not cause adverse health effects. This report concluded that low frequency sound and infrasound produced by turbines are well below the pressure sound levels at which known health effects occur. This report was produced with the assistance of working members of the Ontario Agency for Health Protection and Promotion (OAHPP), the Ministry of Health and Long-Term Care (MOHLTC) and several Medical Officers of Health in Ontario, along with the support of the Council of Ontario Medical Officers of Health (COMOH). If you would like to read the full report you can obtain a copy online from the Ontario Ministry of Health's website. The Appendix of this document provides a large list of documents that includes books, journal articles and other literature on Wind Turbines that you can reference as well to make an informed opinion about the potential health side effects of wind turbines. I have also provided a link to the document for your convenience:



http://www.health.gov.on.ca/en/public/publications/ministry\_reports/wind\_turbine/wind\_turbine.pdf

Wainfleet Wind Energy Inc. is taking public concerns, like yours, regarding potential health and safety seriously. At this time we do not believe that this project poses a health or safety hazard to local residents within the Township of Wainfleet. We have engaged in consultation with the Ontario Ministry of Health and notified them about the Wainfleet Wind Energy Project proposed in Wainfleet. Currently, the Ontario Ministry of Health has identified no issues with the proposed project. We will continue to keep them informed as the project progresses.

Question 3: Germany, another 'poster child' has not succeeded in closing a single coal powered plant in the past 20 years and has recently approved plans to build 4 new coal fired plants in order to safeguard future, reliable energy supplies. Both the above countries pay the highest hydro costs in Europe. Carbon emissions worldwide are still increasing, not decreasing. What verifiable proof do you have that industrial wind turbines will reverse this trend any more than making current power plants more efficient and 'cleaner'?

We cannot speak to or account for any other country's current or future energy policies or initiatives. Our focus will remain on the REA process, the Wainfleet Wind Energy Project, and renewable energy as it pertains to this project.

Carbon emissions throughout the world and Canada will not decrease if there is not investment in other forms of clean and renewable sources of energy that do not emit waste by-products into the atmosphere such as green house gasses. Green house gases are associated with the combustion of fossil fuels (i.e. coal, petroleum, etc.). Sadly, we live in a society that takes access to energy for granted. That being said, carbon emissions will not decrease globally until every country (including every community and individual) makes a conscience effort to reduce their reliance on fossil fuels through the development of alternative and renewable sources of energy and promoting energy conservation practices. We need to use less, improve the efficiency of the power system, and use cleaner sources. The Wainfleet Wind Energy Project is an investment in a clean and renewable source of power. This project is a small, but meaningful contribution to a more resilient energy system and a sustainable future for Ontario.

Wind energy projects are clean and renewable sources of energy. There will be no greenhouse gas emission or other waste by-products generated from the facility during its operations, and will therefore not be a source of pollution to the surrounding community. This project will contribute to a more sustainable future by generating enough power for approximately 2,500 homes by feeding directly into the Hydro One distribution system. We believe that this small contribution is one meaningful way that we can reduce green house gas emission and our dependence on fossil fuels. We believe that the Wainfleet Wind Energy Project is actually taking steps to improve the quality of life for not only the local community, but for your fellow Ontario residents as well by investing in our provinces current and future energy needs in an environmentally responsible manner.

If you would like to know more about the province's renewable and sustainable energy initiatives please follow the provided link to the Ministry of Energy and Infrastructure's website:



## http://www.mei.gov.on.ca/en/energy/gea/

Thank-you again for writing us. If you require any further clarification about this project or the response to your comments, please contact me, and I will do my best to address your questions or concerns.

Yours truly,

## Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658



From: Britney Pringle

Sent: Thursday, October 21, 2010 3:18 PM

To: Cc:

Jonathan Veale; 'tom@ipcenergy.ca'; 'sunny@ipcenergy.ca'

Subject: RE: WAINFLEET WIND ENERGY INQUIRY FORM

#### Dear

On behalf of Mr. Jonathan Veale thank-you for your email regarding the Wainfleet Wind Energy Project. Your comments allow us to improve the design of the project, identify local residents concerns, and determine how we may better address them. In your email you inquired about required setback distances from homes and potential health risks associated with wind turbines. Please find the response to your questions below:

## <u>Setback Requirements</u>

Renewable Energy Projects, such as the Wainfleet Wind Energy Project are subject to Ontario Regulation 359/09 *Renewable Energy Approvals* (REA) under Part V.O.1 of the *Ontario Environmental Protection Act*. A Renewable Energy Approval is issued by the Ministry of Environment (MOE). The REA has established strict guidelines and setbacks that must be followed with regards to the protection of the natural environment and impacts to local residences and communities. The <u>minimum</u> setback distance from residences is 550 metres. All of the proposed turbines for the Wainfleet Wind Energy Project will meet or exceed this distance. The project must also adhere to a sound power limit of 40dBA at non-participating noise receptors (i.e. residences, places of worship, schools, etc..). In order for the project to be approved by the MOE it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

## **Health Risks**

With regards to your question about potential health risks a May 2010 report published by the Chief Medical Officer of Health (CMOH) of Ontario titled "The Potential Health Impact of Wind Turbines" concluded that vibration from low frequency wind turbines at residential setbacks does not cause adverse health effects. This report also concluded that low frequency sound and infrasound produced by turbines are well below the pressure sound levels at which known health effects occur. This report was produced with the assistance of working members of the Ontario Agency for Health Protection and Promotion (OAHPP), the Ministry of Health and Long-Term Care (MOHLTC) and several Medical Officers of Health in Ontario, along with the support of the Council of Ontario Medical Officers of Health (COMOH). If you would like to read the full report you can obtain a copy online from the Ontario Ministry of Health's website. The Appendix of this document provides a large list of documents that includes books, journal articles and other literature on Wind Turbines that you can reference as well to make an informed opinion about the potential health side effects of wind turbines. I have also provided a link to the document for your convenience:

http://www.health.gov.on.ca/en/public/publications/ministry\_reports/wind\_turbine/wind\_turbine.pdf

Wainfleet Wind Energy Inc. is taking public concerns, like yours, regarding potential health side effects seriously. At this time we do not believe that this project poses a health hazard to local residents within the Township of Wainfleet. We have engaged in consultation with the Ontario Ministry of Health and notified them about the Wainfleet Wind Energy Project proposed in Wainfleet. Currently, the Ontario Ministry of Health has identified no issues with the proposed project, but we will continue to keep them informed as the project progresses.

I have added the contact information you have provided to our project mailing list so that you may continue to stay informed about the status of the project. I would also encourage you to continue to visit the project's website for updated information on the project as it becomes available. All project documentation and studies will be posted on this website for public viewing and comment before being submitted to the MOE for approval. Wainfleet Wind Energy Inc. is making every reasonable effort to have meaningful consultation with the surrounding local community and municipality

in the design of this project, and remains committed to developing this environmentally friendly wind energy project in a mutually beneficial manner with the surrounding community.

If you require any further clarification regarding the Wainfleet Wind Energy Project, or the response to your questions please do not hesitate to contact me.

Best Regards,

## Britney Pringle Environmental Planner bpringle@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Dir: 416 499 3110 x1435 | Fax: 416 499 9658 morrisonhershfield.com

From: Jonathan Veale

**Sent:** Thursday, October 21, 2010 1:52 PM **To:** Britney Pringle; Tom Lewis; Sunny Galia

Subject: Fwd: WAINFLEET WIND ENERGY INQUIRY FORM

Begin forwarded message:

From:

Date: 21 October, 2010 13:21:44 EDT

To: <Tom@ipcenergy.ca>, <Sunny@ipcenergy.ca>, <JVeale@morrisonhershfield.com>

Subject: WAINFLEET WIND ENERGY INQUIRY FORM

// WAINFLEET WIND ENERGY INQUIRY //

Title =

First Name = Last Name =

Full Address = wainfleet on.

Postal Code = 10s1v0

Email =

Phone Number =

Impacted by the project? = YES

Organisation Name = none

Organisation Type =

Feedback | Comments | Concerns = what is the EPA setback for windmills from homes! what are the health risks involved with these monstrocities that you r now gonna build by my house! If I would have known this was going to happen I never would have built my house in Wainfleet. I am not in favour of this!!

From: Britney Pringle

**Sent:** Thursday, January 06, 2011 11:44 AM

To:
Cc: Jonathan Veale: 'Sunny Galia': Tom Lewis

Subject: RE: WAINFLEET WIND ENERGY INQUIRY FORM

#### Dear

Thank-you for your e-mail. I appreciate you taking your time to write me again about the Wainfleet Wind Energy Project. Your comments have been included in the public record for this project. I respect that you share a different opinion about this proposal and I thank you for explaining your perspective to me. That said, I do believe that this project will provide a net benefit to all communities involved and contribute to a more resilient energy system and sustainable future for Niagara Region. This project is a very good alternative to meeting our present and future energy needs. This project will benefit the local community by:

- Powering up to 2500 homes and contribute to reducing our dependency on coal-fired electricity. Airborne pollutants caused from the projection of coal-fired electricity remain a significant health and environmental problem in Ontario;
- Producing a sustainable source of electricity that is clean, reliable, and emits no green house gases;
- Providing a small, but significant, contribution to high-quality employment and the development of a sustainable industry for future generations; and
- Contributing to the municipal tax base.

For your information, I can only speak to comments as they relate to the Wainfleet Wind Energy Project and the Ontario REA process. I cannot account for projects that do not follow the same setback distances/approval requirements. The purpose of public consultation under the REA is to help shape a project's design, identify any issues of concern and help build local support. Should you require further clarification regarding this project, please do not hesitate to contact me and I will do my best to address your comments. Thank-you again. Regards,

#### **Britney Pringle**

Environmental Planner <a href="mailto:bpringle@morrisonhershfield.com">bpringle@morrisonhershfield.com</a>



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Dir: 416 499 3110 x1435 | Fax: 416 499 9658 morrisonhershfield.com

From:

Sent: Thursday, December 30, 2010 4:12 PM

To: Britney Pringle

Subject: Re: WAINFLEET WIND ENERGY INQUIRY FORM

Maybe you should be listening to AM 740 and Dale Goldhawk can give you a list of all the people that have phoned in there with their health isues as well as many doctors from the US who themselves have been affected by the turbines. Long term studies don't play into your info. There are many people who have had to leave their home because of turbines and in Europe it is even worse since they have been there even longer. You won't convince me that they are safe. Just keep them out of Wainfleet. The almighty dollar is at play here. I'm all for being green but this is not the way. I've been using non chemical soaps for years to conserve nature and intent to

do so since I have many allergies as well and sure don't want to lose sleep on account of making \$ from these ugly turbines. regards

On Thu, Dec 30, 2010 at 2:51 PM, Britney Pringle < <a href="mailto:BPringle@morrisonhershfield.com">BPringle@morrisonhershfield.com</a>> wrote:

Dear

Thank-you for your email regarding the Wainfleet Wind Energy Project. Your comments allow us to improve the design of the project, identify local residents concerns, and determine how we may better address them. In your email you identify that you are concerned with potential health risks associated with this project, and that not enough studies have been completed to convince you that wind energy projects are safe. Please find a response to your comments below:

A May 2010 report published by the Chief Medical Officer of Health (CMOH) of Ontario titled "The Potential Health Impact of Wind Turbines" concluded that vibration from low frequency wind turbines at residential setbacks does not cause adverse health effects. This report also concluded that low frequency sound and infrasound produced by turbines are well below the pressure sound levels at which known health effects occur. This report was produced with the assistance of working members of the Ontario Agency for Health Protection and Promotion (OAHPP), the Ministry of Health and Long-Term Care (MOHLTC) and several Medical Officers of Health in Ontario, along with the support of the Council of Ontario Medical Officers of Health (COMOH). If you would like to read the full report you can obtain a copy online from the Ontario Ministry of Health's website. The Appendix of this document provides a large list of documents that include books, journal articles and other literature on wind turbines that you can reference as well to make an informed opinion about the potential health side effects of wind turbines. I have also provided a link to the document for your convenience:

http://www.health.gov.on.ca/en/public/publications/ministry\_reports/wind\_turbine/wind\_turbine.pdf

A 2008 report prepared by the Chatham-Kent Public Health Unit regarding the human health and safety impacts of wind turbines has also been attached to this email for your viewing as well. The report concludes that as long as the Ministry of Environment's guidelines for location criteria for wind farms are followed, then there will be negligible adverse health impacts to surrounding local communities.

Renewable Energy Projects, such as the Wainfleet Wind Energy Project are subject to Ontario Regulation 359/09 Renewable Energy Approvals (REA) under Part V.0.1 of the Ontario Environmental Protection Act. A Renewable Energy Approval is issued by the Ministry of Environment (MOE). The REA has established strict guidelines and setback distances that must be followed with regards to the protection of the natural environment and impacts to local residences and communities (i.e. health and safety). The minimum setback distance from residences is 550 metres. All of the proposed turbines for the Wainfleet Wind Energy Project will meet or exceed this distance. The project must also adhere to a sound power limit of 40dBA at non-participating noise receptors (i.e. residences, places of worship, schools, etc.). In order for the project to be approved by the MOE it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

Wainfleet Wind Energy Inc. is taking public concerns, like yours, regarding potential health side effects seriously. At this time we do not believe that this project poses a health hazard to local residents within the Township of Wainfleet. We have engaged in consultation with the Ontario Ministry of Health and notified them about the Wainfleet Wind Energy Project proposed in Wainfleet. Currently, the Ontario Ministry of Health has identified no issues with the proposed project, but we will continue to keep them informed as the project progresses.

I have added the contact information you have provided to our project mailing list so that you may continue to stay informed about the status of the project. I would also encourage you to continue to visit the project's website for updated information on the project as it becomes available. All project documentation and studies will be posted on this website for public viewing and comment before being submitted to the MOE for approval. Wainfleet Wind Energy Inc. is making every reasonable effort to have meaningful consultation with the surrounding local community and municipality in the design of this project, and remains committed to developing this environmentally friendly wind energy project in a mutually beneficial manner with the surrounding community.

Thank-you again for contacting us regarding the Wainfleet Wind Energy Project. If you require any further clarification about this project, or the response to your comments please do not hesitate to contact me.

Best Regards,

#### **Britney Pringle**

Environmental Planner

bpringle@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Dir: 416 499 3110 x1435 | Fax: 416 499 9658

morrisonhershfield.com

-----Original Message-----

From:
Sent: December-30-10 11:50 AM
To: Tom Lewis; Sunny Galia; <a href="mailto:JVeale@morrisonhershfield.com">JVeale@morrisonhershfield.com</a>
Subject: WAINFLEET WIND ENERGY INQUIRY FORM
// WAINFLEET WIND ENERGY INQUIRY //
Title =
First Name =
Last Name = 1
Full Address =
Postal Code = L0S 1V0
Email =
Phone Number =
Impacted by the project? = YES
Organisation Name =
Organisation Type = Farming
Feedback   Comments   Concerns = We don't want these in our back yard
because of the health hazard. Not enough study has been done to convince
us that it's safe!

From: Tom Lewis [Tom@ipcenergy.ca]
Sent: Tuesday, January 11, 2011 10:16 AM

To:

Cc: John Andrews; Sunny Galia; Jonathan Veale; Britney Pringle; mike pitt2

**Subject:** RE: Wind Turbines Will Close Skydive Burnaby

Thank you for your email. I wanted to respond with some background information on this issue. John Andrews and myself met with Mr. Pitt over a year ago to let him know of our plans and received a verbal approval from him on the sighting of these turbines after we removed one turbine that was even closer to the drop zone. The removal of this turbine cost our clients hundreds of thousands of dollars, however, it was done to accommodate the safety of the jump club and in an effort of good faith. Now Mr. Pitt has changed his tune and has apparently pulled you into this non-issue.

Mr. Pitt was invited to meet with us and the mayor of Wainfleet in order to resolve this issue, however, to date, he has failed to respond. We simply get another bunch of emails from jumpers. If you want this resolved then convince Mr. Pitt to have the courage to sit across the table from us and a representative of Wainfleet council to discuss it like adults.

I have heard a number of passionate pleas from you and your other members of this club including Mr. Pitt but I have not to date seen any science to back it up. In answer to your question on where I stand on the matter and what am I doing to prevent the construction of wind turbines and the subsequent closure of Skydive Burnaby in Wainfleet. Our Current Turbine layout is the compromise made in an effort to respect the Skydive Burnaby Club.

IPC Energy also believes that this project contributes to a more sustainable future. If approved, the project will generate enough power for approximately 2,500 homes by feeding directly into the Hydro One distribution system. We believe that this small contribution is one meaningful way that we can reduce green house gas emissions and our dependence on fossil fuels.

## More about the Wainfleet Wind Energy Project

- We are proposing five wind turbines to be located on private lots setback at least 550 meters from neighbouring non-participating receptors (dwellings, schools, places of worship, etc...). The turbines would be located over an area of approximately 4800 hectares;
- The project would power up to 2500 homes and contribute to reducing our dependency on coal-fired electricity. Airborne pollutants caused from the production of coal-fired electricity remain a significant health and environmental problem in Ontario;
- The project would produce a sustainable source of electricity that is clean, reliable, and emits no green house gases;
- The project would provide a small, but significant, contribution to high-quality employment and the development of a sustainable industry for future generations;

- Public safety measures will be incorporated into all phases of the project, including the preparation of an Emergency Response Plan;
- The project will not negatively impact property values and will contribute to the municipal tax base; and
- The project would not be deemed approved until it receives clearance from the Ministry of the Environment (MOE) following an up to six month review following the Renewable Energy Approval (O.Reg 359/09) process.

Please contact me if you should have any further questions or comments.

Regards,

Tom Lewis
Manager, Planning & Environment
IPC Energy

Office: 905.607.1016 Ext.227

Cell: 416.710.1982 Fax: 905.607.5995

www.IPCEnergy.ca

Please consider the environment before printing this email.

From:

**Sent:** January-10-11 11:45 PM

**To:** Tom Lewis **Cc:** mike pitt2

**Subject:** Wind Turbines Will Close Skydive Burnaby

Dear Tom Lewis,

I am writing with dire concern regarding the construction of industrial **wind turbines**, in **Wainfleet**, which are to be located in **dangerous proximity** to **Skydive Burnaby**. If these turbines (turbines #4 and #5 locations) are constructed, Skydive Burnaby, a dropzone that is over 55 years old, will have to close, as these turbines will gravely **threaten** the **safety** and **lives** of skydivers, students, and customers.

Further, if the turbines are constructed and Skydive Burnaby closes, Wainfleet and neighbouring regions will face a substantial **economical impact**; Skydive Burnaby is one of the largest dropzones in Canada that regularly hosts National and International events and subsequently **brings money into the community**. Skydivers, students, and customers across the country and from around the world come to Skydive Burnaby; the end of Burnaby would ultimately mean **fewer hotel stays**, **fewer restaurant meals**, and **fewer goods being purchased** at local stores.

Lastly, if these wind turbines are constructed, Skydive Burnaby will close, and countless individuals, including myself, **will lose their jobs, careers, and livelihoods**. Not only that, we will lose the community and family that Skydive Burnaby has become. This dropzone has been a significant part of my life, and I wish it to remain that way for decades to come.

Please let me know where you stand on this matter and what you are doing to **prevent the construction of wind turbines** and the subsequent **closure of Skydive Burnaby** in Wainfleet.

Thank you for your time and consideration.

Sincerely,

From: Britney Pringle

**Sent:** Monday, January 10, 2011 4:18 PM

To: Cc:

Jonathan Veale: Tom Lewis: 'Sunny Galia'

Subject: RE: WAINFLEET WIND ENERGY INQUIRY FORM Attachments: IPC Energy\_Wind Energy Meeting Invitation.pdf

#### Dear

Thank-you for your email regarding the Wainfleet Wind Energy Project. I have added the contact information you have provided to our project mailing list so that you may stay informed about the status of this project. I would also encourage you to continue to visit the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) for updated information on the project as it becomes available. All project documentation and studies will be posted on this website for public viewing and comment before being submitted to the Ministry of Environment (MOE) for approval. We have not yet determined the dates of future consultation events for the project (i.e. Public Open Houses, Meetings, etc..). These events are subject to the requirements prescribed under Ontario Regulation 359/09 (Renewable Energy Approvals). The public will be notified at least 30-days before each event. Also, the draft Renewable Energy Approval Package must be provided, at least, 60-days in advance of the last Public Open House. Notification of these events will be provided by direct letter mailing, email, website notification, and newspaper notices.

For you information, IPC Energy will also be hosting a public information night about Wind Energy on Tuesday, January 25th 2011 at South Lincoln High School, 260 Canborough Street, Smithville, Ontario, from 7 p.m.-9 p.m. I have attached an invitation to this event for your reference.

Wainfleet Wind Energy Inc. is making every reasonable effort to have meaningful consultation with the surrounding local community and municipality in the design of this project, and remains committed to developing this environmentally friendly wind energy project in a mutually beneficial manner with the surrounding community. Should you require further clarification regarding the Wainfleet Wind Energy Project, please do not hesitate to contact me.

#### Best Regards,

#### **Britney Pringle**

Environmental Planner bpringle@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Dir: 416 499 3110 x1435 | Fax: 416 499 9658 morrisonhershfield.com

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----Original Message----
From:
Sent: Monday, January 10, 2011 1:18 PM
To: Tom@ipcenergy.ca; Sunny@ipcenergy.ca; Jonathan Veale
Subject: WAINFLEET WIND ENERGY INQUIRY FORM

// WAINFLEET WIND ENERGY INQUIRY //
Title =
First Name =
Last Name =
Full Address =
Postal Code = LOS 1V0
```

From: Britney Pringle

**Sent:** Friday, January 14, 2011 12:53 PM

To: Cc:

Jonathan Veale; Sunny Galia; Tom Lewis

Subject: Re: WAINFLEET WIND ENERGY INQUIRY FORM

Categories: IPC Consultation

#### Dear

Thank-you for your correspondence regarding the Wainfleet Wind Energy Project. Your comments allow us to improve the design of the project, identify local residents concerns, and determine how we may better address them. In your email you have inquired about where the turbines for this project will be manufactured and issues related to malfunction. Please find a response to your comments below:

Wainfleet Wind Energy Inc. is proposing to build five (5) wind turbines located on private lots in the Township of Wainfleet. The selected turbine model for the project is the Vestas V-100 1.8 MW wind turbine. Vestas is based in Denmark and is one of the world's leading turbine manufacturers with plants across Europe, as well as India, China, Australia, and the United States. The selection of this model/brand was based on the companies track record of producing high quality wind turbine technology. Wind energy production is a fairly new industry in Canada and the United States, which often requires Proponents to look at manufactures based in other countries such as Europe where wind turbine technology has been in use for decades. With that said, the construction of the project's facility and installation of the turbines will also bring local economic benefits by using local suppliers for materials related to the construction of access roads, turbine platforms, facility maintenance buildings etc. as well as the creation of both temporary and permanent employment opportunities.

To specifically address your concerns regarding the efficiency of wind turbine technology, a modern wind turbine produces electricity 70-85% of the time, but it generates different outputs dependent on wind speed. Over the course of a year, a turbine will generate about 30% of the theoretical maximum output. This is known as its load factor. The load factor of conventional power stations is on average 50%. The annual energy production for the Wainfleet Wind Energy Project is estimated to be 26 Million kWh, which will produce enough energy to power 2,500 homes by feeding directly into the Hydro One distribution system.

Although I can't specifically speak to operations/maintenance procedures at other wind turbine developments, turbine operations as part of the Wainfleet Wind Energy Project will cease in the event of extreme weather conditions, mechanical malfunctions and during scheduled routine maintenance. Each wind turbine will have regular scheduled inspections and maintenance performed. It is expected that each turbine will be serviced twice a year or as required. The project's turbines will also have a Supervisory Control and Data Acquisition (SCADA) system and an operations building located at the facility, which will be used to capture real-time turbine feedback and monitor performance outputs. This will ensure that the project's turbines are continually being monitored, which will immediately identify any performance related issues that need to be resolved.

I have added the contact information you have provided to our project mailing list so that you may continue to stay informed about the status of the project. I would also encourage you to continue to visit the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) for updated information on the project as it becomes available. All project documentation and studies will be posted on this website for public viewing and comment before being submitted to the Ministry of Environment for approval. Wainfleet Wind Energy Inc. is making every reasonable effort to have meaningful consultation with the surrounding local community and municipality in the design of this project, and remains committed to developing this environmentally friendly wind energy project in a mutually beneficial manner with the surrounding community.

Thank-you again for contacting us regarding the Wainfleet Wind Energy Project. If you require any further clarification about this project, or the response to your comments please do not hesitate to contact me.

Best Regards,

## **Britney Pringle**

Environmental Planner bpringle@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Dir: 416 499 3110 x1435 | Fax: 416 499 9658 morrisonhershfield.com

```
----Original Message----
From:
Sent: Tuesday, January 11, 2011 2:14 PM
To: Tom@ipcenergy.ca; Sunny@ipcenergy.ca; Jonathan Veale
Subject: WAINFLEET WIND ENERGY INQUIRY FORM

// WAINFLEET WIND ENERGY INQUIRY //
Title =
First Name = {
Last Name =
Full Address =
Postal Code =
Email =
Phone Number = !
Impacted by the project? =
```

Organisation Name = Organisation Type =

Feedback | Comments | Concerns = where are these units made? If offshore why? Yes, I'm concerned - don't think they work as well as we're lead to believe. Often see the Lowbanks units standing still due to breakdown.

```
Email =
Phone Number =
Impacted by the project? = YES
```

```
Organisation Name =
Organisation Type =
Feedback | Comments | Concerns = Please notify me of the date of public meetings
```

From: Jonathan Veale

Sent: Saturday, January 29, 2011 12:42 PM

To: Britney Pringle

Subject: Fwd: WAINFLEET WIND ENERGY INQUIRY FORM

## Begin forwarded message:

From: Sunny Galia < Sunny@ipcenergy.ca>
Date: 29 January, 2011 11:58:01 EST

To: Tom Lewis < Tom@ipcenergy.ca>,

<jveale@morrisonhershfield.com>

Subject: Re: WAINFLEET WIND ENERGY INQUIRY FORM

#### Dear

I am sure you know that energy yeild from a wind turbine is dependent on wind speed at any given time. So there is no simple answer to your question "how much..... At this time". You may like to visit IESO web site to check contribution from the wind anytime you want. We understand some concerns from the people that the contribution from the wind projects is negligible in the overall generation system. That is the reason why we need your support to install many more turbines and generate significant amount of power from this environmentally friendly source of energy. Please feel free to contact us if you have additional questions or concerns. Thanks.

#### Sunny

---- Original Message -----From:

To: Tom Lewis; Sunny Galia; JVeale@morrisonhershfield.com <JVeale@morrisonhershfield.com>

Sent: Sat Jan 29 00:17:14 2011

Subject: WAINFLEET WIND ENERGY INQUIRY FORM

#### // WAINFLEET WIND ENERGY INQUIRY //

Title =

First Name = Last Name = '.....

Full Address =

Postal Code =

Email =

Phone Number =

Impacted by the project? = YES

Organisation Name = None.A concerned resident

Organisation Type = N/A

Feedback | Comments | Concerns = Please tell me what % of power wind energy contributes to the Ontario Grid at this time?

From: Jonathan Veale

**Sent:** Monday, January 31, 2011 10:49 AM

To: Britney Pringle

Subject: FW: IESO - Ontario's Energy Needs

From:

Sent: Saturday, January 29, 2011 2:10 PM

**To:** 'Sunny Galia' **Cc:** Jonathan Veale

Subject: IESO - Ontario's Energy Needs

#### Dear Mr.Galia,

The two statements below I find of enormous concern!

Today at 1:00pm IESO confirms that wind energy provided 55Megawatts to Ontario, at 0.3% of the total energy output definitely '..negligible..'

With 700 industrial wind turbines already in Ontario that produce between them, just 0.3% of Ontario's energy needs, just how many do you mean when you state '...to install many more turbines...'?

You are in the business I'm guessing you have already done the math and it's a perfectly simple and straightforward question. Just what figure do you mean by 'many more'? I think the consumer and public deserve to know this, don't you?

"...We understand some concerns from the people that the contribution from the wind projects is negligible in the overall generation system. That is the reason why we need your support to install many more turbines and generate significant amount of power from this environmentally friendly source of energy...."

I look forward to your early response,

**Andrew Watts** 

**From:** Sunny Galia [mailto:Sunny@ipcenergy.ca] **Sent:** Saturday, January 29, 2011 11:58 AM

**To:** Tom Lewis; jveale@morrisonhershfield.com

Subject: Re: WAINFLEET WIND ENERGY INQUIRY FORM

#### Dear

I am sure you know that energy yeild from a wind turbine is dependent on wind speed at any given time. So there is no simple answer to your question "how much..... At this time". You may like to visit IESO web site to check contribution from the wind anytime you want. We understand some concerns from the people that the contribution from the wind projects is negligible in the overall generation system. That is the reason why we need your support to install many more turbines and generate significant amount of power from this environmentally friendly source of energy. Please feel free to contact us if you have additional questions or concerns. Thanks.

#### Sunny

---- Original Message -----

To: Tom Lewis; Sunny Galia; JVeale@morrisonhershfield.com < JVeale@morrisonhershfield.com >

Sent: Sat Jan 29 00:17:14 2011

Subject: WAINFLEET WIND ENERGY INQUIRY FORM

// WAINFLEET WIND ENERGY INQUIRY //

Title =

First Name =

Last Name =

Full Address = 1

Postal Code =

Email =

Phone Number = Impacted by the project? = YES

 $\begin{aligned} & Organisation \ Name = None. A \ concerned \ resident \\ & Organisation \ Type = N/A \end{aligned}$ 

Feedback | Comments | Concerns = Please tell me what % of power wind energy contributes to the Ontario Grid at this time?

From: <u>Tom Lewis</u>

To:

Cc: Britney Pringle
Subject: WWE project

**Date:** Thursday, February 02, 2012 9:44:55 AM

Thank you for your call and your interest in the Wainfleet Wind Energy project. I would be more than happy to speak with you during regular business hours or you may also try contacting via my cell phone this Saturday morning if that is more convenient for you. Those numbers have been provided below.

For more information on the project please see the following links

Project website at <a href="http://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>
Draft Renewable Energy Approval documents please
<a href="http://www.wainfleetwindenergy.ca/renewable\_energy\_approval.html">http://www.wainfleetwindenergy.ca/renewable\_energy\_approval.html</a>

I look forward to speaking with you.

Regards

Tom Lewis
Manager of Planning and Environment
IPC Energy

Office: 905 607 1016 Cell: 416 629 6440 Fax: 905 607 5995 From: Britney Pringle

To:

Cc: Tom Lewis

Subject: RE: WAINFLEET WIND ENERGY INQUIRY FORM

Date: Wednesday, February 15, 2012 10:42:00 AM

Attachments: <u>image001.jpg</u>

Hello Mr.

Thank-you for your interest in the Wainfleet Wind Energy Project. I have added the contact information you provided to our project mailing list so that you can stay informed about the status of the project and be included in future mailings/updates.

Available draft project reports and mapping can be found on the project's website on the Renewable Energy Approval page. Please click on the Draft#1\_REA Package\_26Nov10 tab to download available project materials, which includes a Site Plan and Land Use mapping showing turbine locations. Please use the electronic bookmarks to navigate through the document.

The project's website is currently being updated, so I encourage you to continue to visit the site for additional information, as it becomes available. All project documentation and studies will be posted on this website for public viewing and comment before being submitted to the Ministry Of Environment (MOE) for approval.

To my knowledge there is one other wind energy company (Niagara Region Wind Corporation) in the Wainfleet area.

Thank-you again for contacting us regarding the Wainfleet Wind Energy Project. If you require any further clarification about this project, or the response to your inquiry please do not hesitate to contact me.

Best Regards,

#### **Britney Pringle**

Environmental Planner <a href="mailto:bpringle@morrisonhershfield.com">bpringle@morrisonhershfield.com</a>



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Dir: 416 499 3110 x1435 | Fax: 416 499 9658 morrisonhershfield.com

----Original Message-----

From:

Sent: Saturday, February 11, 2012 3:42 PM

To: Tom@ipcenergy.ca; Sunny@ipcenergy.ca; Britney Pringle; jbeekhuis@rankinconstruction.ca

Subject: WAINFLEET WIND ENERGY INQUIRY FORM

// WAINFLEET WIND ENERGY INQUIRY //

Title = Mr.

First Name =

Last Name =

Full Address =

Email =

Phone Number =

Impacted by the project? =

Organisation Name =

Organisation Type =

Feedback | Comments | Concerns = Hello, do you have a map of wind turbines or planned turbines in the wainfleet/port colborne area along lake Erie. Are you the only power company for wind turbines in this area? Thank you, John Mann

From: Britney Pringle

To:

Cc: <u>Tom Lewis</u>

**Subject:** RE: Township concerns

**Date:** Thursday, April 19, 2012 12:49:00 PM

#### Good Afternoon Mr.

This email is to confirm that the project team for the Wainfleet Wind Energy Project has received your email and attachment. Your correspondence has been included in the public record for the project.

Please let us know if you have any questions or comments regarding this proposal, and we would be happy to address them.

Best Regards,

Britney Pringle
Environmental Planner
bpringle@morrisonhershfield.com
Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1
Dir: 416 499 3110 x1435 | Fax: 416 499 9658
morrisonhershfield.com

-----Original Message-----

From:

Sent: Thursday, April 19, 2012 9:18 AM

To: tom@ipcenergy.ca; Britney Pringle; ajeffs@wainfleet.ca; gwuisman@wainfleet.ca

Subject: Fw: Township concerns

Sent from my BlackBerry device on the Rogers Wireless Network

-----Original Message-----

From:

Date: Thu, 19 Apr 2012 12:23:02

To:

Subject: Township concerns

Not making us proud to live here.

Tom Lewis From: To: Cc: **Britney Pringle** Subject: RE: address change Date: Monday, May 07, 2012 1:43:40 PM Thank you for contacting us regarding the Wainfleet Wind Energy project. This email is to confirm that the project team has received your email and we will update your contact information as requested. I would encourage you to continue to visit the project's website (www.wainfleetwindenergy.ca) for updated information on the project as it becomes available. All Draft reports and studies that are required to be submitted to the Ministry of the Environment for approval are presently available on the website for public review and comment. Please let me know if you have any specific questions regarding this project, and we would be happy to address them. Best Regards, Tom Lewis Project Manager **IPC Energy** Office: 905 607 1016 Fax: 905 607 5995 ----Original Message-----From: Sent: Monday, May 07, 2012 1:05 PM To: Tom Lewis Cc: bpringle@morrisonhershfield.com Subject: address change The address used for a April mailing was

Thank You

The proper address should be:

From: Britney Pringle

**Sent:** Friday, May 13, 2011 1:24 PM

To:

Cc: Jonathan Veale; 'Tom Lewis'; 'John Andrews'; Terry Hawrysh Subject: RE: WAINFLEET WIND ENERGY INQUIRY FORM

#### Dear

Thank-you for writing us about the Wainfleet Wind Energy Project and your willingness to learn more about the benefits of renewable energy in an effort to make an informed decision about the wind energy project proposed within your community.

The Wainfleet Wind Energy Project is a 9 MW Wind Energy Project with five (5) wind turbines proposed. The Project will provide a net benefit to all communities involved and contribute to a more resilient energy system and sustainable future for Niagara Region. This project is a very good alternative to meeting our present and future energy needs. Wind turbines rely on the wind for fuel which does not require extractive industries or non-sustainable development to generate electricity. This project will benefit the local community on a continuous basis by:

- Powering up to 2500 homes and contributing to reducing our dependency on coal-fired electricity. Airborne
  pollutants caused from the projection of coal-fired electricity remains a significant health and environmental
  problem in Ontario;
- Producing a sustainable source of electricity that is clean, reliable, and emits no green house gases;
- Providing a small, but significant, contribution to high-quality employment and the development of a sustainable industry for future generations; and
- Contributing to the annual municipal tax base with limited to no increased demand on local services (i.e. garbage collection and water/wastewater service).

The project will also bring economic benefits to the local community by using local suppliers for materials related to the construction of the project's facilities (i.e. access roads, turbine platforms, electrical installation, facility maintenance buildings etc.). Further, local economic employment opportunities will be attributed to the construction and decommissioning phases of the project. These phases will bring an influx of demand for local goods and services (i.e. restaurants, shops, hotels etc). The project will also create a few permanent jobs related to site maintenance/supervision of the facility during operation. We believe that the environmental and economic benefits related to the construction and operation of this project will provide significant benefits to the local area economy.

Renewable Energy Projects, such as the Wainfleet Wind Energy Project are subject to Ontario Regulation 359/09 Renewable Energy Approvals (REA) under Part V.O.1 of the Ontario Environmental Protection Act. A Renewable Energy Approval is issued by the Ministry of Environment (MOE). The REA has established strict guidelines and setback distances that must be followed with regards to the protection of the natural environment and impacts to local residences and communities (i.e. health and safety). The minimum setback distance from residences is 550 metres. All of the proposed turbines for the Wainfleet Wind Energy Project will meet or exceed this distance. The project must also adhere to a sound power limit of 40dBA at non-participating noise receptors (i.e. residences, places of worship, schools, etc.). In order for the project to be approved by the MOE it must be demonstrated that the project's proposed facilities comply with all applicable regulatory setbacks and regulations. If the project does not comply then it will not be approved, and consequently cannot be constructed.

It remains the project team's objective to leave no residual negative effects as a result of the project's operations. In fact, we hope to serve the public interest by providing a clean and renewable source of energy within the Township of Wainfleet. At this time, public and agency consultation for the Wainfleet Wind Energy Project is still ongoing, and the project team welcomes additional correspondence or comments from any interested stakeholder concerning the

project's design and the content of all required project reports and studies that will be submitted to MOE as part of the project's Renewable Energy Approval application.

I have added the contact information you have provided to our project mailing list so that you may continue to stay informed about the status of the project. I would also encourage you to continue to visit the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) for updated information on the project as it becomes available. All project documentation and studies will be posted on this website for public viewing and comment before being submitted to the MOE for approval. Wainfleet Wind Energy Inc. is making every reasonable effort to have meaningful consultation with the surrounding local community and municipality in the design of this project, and remains committed to developing this environmentally friendly wind energy project in a mutually beneficial manner with the surrounding community.

Thank-you again for contacting us regarding the Wainfleet Wind Energy Project. If you require any further clarification about this project, or the response to your inquiry please do not hesitate to contact me.

Best Regards,

# Britney Pringle Environmental Planner bpringle@morrisonhershfield.com

MORRISON HERSHFIELD

```
People · Culture · Capabilities
Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1
Dir: 416 499 3110 x1435 | Fax: 416 499 9658
morrisonhershfield.com
----Original Message----
From:
Sent: Wednesday, May 11, 2011 8:35 PM
To: Tom@ipcenergy.ca; Sunny@ipcenergy.ca; Jonathan Veale
Subject: WAINFLEET WIND ENERGY INQUIRY FORM
// WAINFLEET WIND ENERGY INQUIRY //
Title =
First Name =
Last Name =
Full Address =
                        Feeder Rd. West Wainfleet, ON Postal Code = LOS 1VO Email =
                           Phone Number =
                                                            Impacted by the project? = YES
```

Organisation Name =
Organisation Type =
Feedback | Comments | Concerns =

Feedback | Comments | Concerns = After researching further, I feel the wind energy project can be a beneficial source of clean energy. I would like more details on the benefits to the community and/or those individuals impacted by the project.

From: Britney Pringle

To:

Cc: <u>Tom Lewis</u>

Subject: RE: WAINFLEET WIND ENERGY INQUIRY FORM

**Date:** Monday, June 11, 2012 4:14:00 PM

Attachments: <u>image001.jpg</u>

1104036 Land Use Maps 13April12 sm.pdf Notice of Draft Site Plan and Public Meeting #2.pdf

Ηi

Thank you for contacting us regarding the Wainfleet Wind Energy Project.

To provide some clarification, the Wainfleet Wind Energy Project is only proposing to build a <u>total of five (5)</u> wind turbines as shown on project mapping (attached). There are no additional wind turbines included in this proposal within proximity to the Welland River. However, I am aware of one other wind energy company (Niagara Region Wind Corporation) proposing a larger scale project in Wainfleet and surrounding areas. I would suggest you contact them directly as well for additional information regarding their proposed turbine locations.

Also attached to this email, for your information is a public notice regarding the project's Draft Site Plan and date/location of the project's second public meeting to be held:

Date: June 19, 2012

Time: 3:00 pm to 8:00 pm

Location: Township of Wainfleet, Firefighters Memorial Hall, 31907 Park Street, Wainfleet, Ontario,

LOS 1V0

Your attendance would be welcomed and would provide you with an opportunity to learn more about the project and proposed turbine locations.

Please let me know if you have any further questions regarding the Wainfleet Wind Energy Project or require clarification on the response proved.

Best Regards,

#### **Britney Pringle**

Environmental Planner <a href="mailto:bpringle@morrisonhershfield.com">bpringle@morrisonhershfield.com</a>



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Dir: 416 499 3110 x1435 | Fax: 416 499 9658 morrisonhershfield.com

----Original Message-----

From:

Sent: Monday, June 11, 2012 3:14 PM

To: Tom@ipcenergy.ca; jmaclellan@rankinconstruction.ca; Britney Pringle;

jbeekhuis@rankinconstruction.ca

Subject: WAINFLEET WIND ENERGY INQUIRY FORM

// WAINFLEET WIND ENERGY INQUIRY //

Title = Mrs.

First Name =

Last Name =

Full Address =

Postal Code =

Email =

Phone Number =

Impacted by the project? = YES

Organisation Name = none

Organisation Type =

Feedback | Comments | Concerns = Could you please tell me how to find out if a property which is located on the Welland river between Boyle road and Wellandport road will be affected by the installation of windmills? The only map i can find shows the 5 turbines proposed for the Burnaby area. I would like to see a map of the river area or all of wainfleet. I would appreciate any help you can provide, thank you, sharon

From: Britney Pringle

To:

Cc: <u>Tom Lewis</u>

Subject: RE: Wainfleet Wind Energy Project Meeting of June 19, 2012

**Date:** Monday, June 11, 2012 12:21:00 PM

Attachments: <u>image001.jpg</u>

Hi

Thank you for contacting us and your interest in the Wainfleet Wind Energy Project. Please find below a response to your inquiries:

## **Property Values**

It is understandable that you may have concerns regarding potential impacts to local property values as a result of the proposed project. At this time, based on current research and studies conducted in Canada and the United States, the project team believes that the construction of the five (5) proposed turbines would not have a negative impact on local property values. Below, I have provided references and research supporting my statements:

- Wind Energy Study Effect on Real Estate Values in the Municipality of Chatham-Kent Ontario CanWEA contracted the services of Canning Consultants Inc. and John Simmons Realty Services Ltd., to prepare a report that evaluates the effect of wind turbines on real estate values in the Municipality of Chatham-Kent. The study was prepared in accordance with the Canadian Uniform Standards of Professional Appraisal Practice for the Appraisal Institute of Canada, and applied a statistical Multiple Regression Analysis (MRA) model using real property transaction data, in arriving at its conclusions. The study finds that there is no statistical evidence to demonstrate that wind farms negatively affect rural residential market values in the Chatham-Kent area.
- The Impact of Wind Power Projects on Residential Property Values in the United States: A Multi-Site Hedonic Analysis

(Report by the Lawrence Berkeley National Laboratory) - A report released by the U.S. Department of Energy's (DOE) Lawrence Berkeley National Laboratory finds that neither the view of the wind facilities nor the distance of the home to those facilities is found to have any consistent, measurable, and statistically significant effect on home sales prices. Although the analysis cannot dismiss the possibility that individual homes or small numbers of homes have been or could be negatively impacted, it finds that if these impacts do exist, they are either too small and/or too infrequent to result in any widespread, statistically observable impact.

In addition, Ontario's Municipal Property Assessment Corporation (MPAC), is not reducing property assessments as a result of wind energy projects because there is not enough evidence to warrant a negative adjustment.

### Consideration of Noise Impacts

A Noise Assessment has been completed for this project to assess the acoustic impact of the project at nearby noise receptors. The results demonstrate compliance with Ministry Of Environment (MOE) sound level limits (40 dBA) for all non-participating noise receptors (i.e. residences, schools, places of worship etc.) when all five turbines are operating. This report is currently available on the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) and can be found by clicking <a href="here">here</a>.

In addition, all turbine must be located a <u>minimum</u> of 550 metres from any non-participating noise receptor. Complying with <u>all required</u> setbacks and operating restrictions will ensure that no negative effects will be experienced.

Thank you again for contacting us regarding the Wainfleet Wind Energy Project. I would encourage you to check the project's website (<a href="www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) for updated project information as it becomes available. Draft reports and studies that are required to be submitted to the Ministry of the Environment for approval are presently available on the website for public review and comment.

Please do not hesitate to contact me should you have any additional questions or require clarification on the response provided.

Best Regards,

#### **Britney Pringle**

Environmental Planner <a href="mailto:bpringle@morrisonhershfield.com">bpringle@morrisonhershfield.com</a>



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Dir: 416 499 3110 x1435 | Fax: 416 499 9658 morrisonhershfield.com

#### From:

**Sent:** Saturday, June 09, 2012 6:48 AM **To:** Britney Pringle; tom@ipcenergy.ca

**Cc:** tlamb@wainfleet.ca

Subject: Wainfleet Wind Energy Project Meeting of June 19, 2012

and I own land immediately to west of the proposed locations for turbines 4 and 5. Our property consists of approximately 25 acres located on the south west corner of the unopened road allowance part of side road 18 and the former railroad tracks (now a walking trail). Attached is a diagram with the approximate location.

We will not be able to attend the meeting.

Studies have shown that the introduction of wind turbines negatively affects property values within a 5 kilometre radius. What consideration has been given and will be given to compensating adjacent and nearby land owners for the reduction in their property values? What consideration

has been given to the noise that will be created and how it negatively affects the surrounding area?
I thank you for your attention to this matter.
This is e-mail transmission is privileged & confidential. The information is intended only for the sole use of the party to which it is addressed. If you have received this transmission in error, please notify me immediately by telephone at or by return e-mail and delete this file from your system & destroy any copy or print out. Thank you.

From: Britney Pringle

To:

Cc: <u>Tom Lewis</u>

Subject: Wainfleet Wind Energy Project

Date: Thursday, June 21, 2012 11:45:00 AM

Attachments: <u>image001.jpg</u>

Wind Turbine Sound and Health Effects.pdf
The Potential Health Impact of Wind Turbines.pdf

Health and Wind by C-K Health Unit.pdf

US Property Value Study.pdf

PropertyValuesConsultingReportFebruary42010.pdf

behind-the-switch-final.pdf

Frequently Asked Questions About Green Energy in Ontario.pdf Ministry of Environment- Frequently Asked Questions.pdf

Hi

I spoke with you briefly at the 2<sup>nd</sup> Public Meeting for the Wainfleet Wind Energy Project this past Tuesday June 19<sup>th</sup>. You had inquired about receiving digital copies of materials/reports that were available on our resource table at the meeting.

Please find attached the following studies and reports:

- Wind Turbine Sound and Health Effects: An Expert Panel Review
- The Potential Health Impacts of Wind Turbines. Chief Medical Officer of Ontario
- The Health Impact of Wind Turbines: A Review of the Current White, Grey and Published Literature. Chatham-Kent Public Health Unit
- The Impacts of Wind Power Projects on Residential Property Values in the United States.
   Lawrence Berkeley National Laboratory
- Wind Energy Study- Effect on Real Estate Values in the Municipality of Chatham-Kent,
   Ontario
- Behind the Switch: Pricing Ontario Electricity Options. Pembina Institute
- Frequently Asked Questions About Green Energy in Ontario. Pembina Institute
- Frequently Asked Questions About Renewable Energy. Ontario Ministry of the Environment

The display boards from the public meeting are now posted on the project website (<a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>) and can be found by clicking <a href="https://www.wainfleetwindenergy.ca">here</a>.

Should you have any specific questions regarding the Wainfleet Wind Energy Project please feel free to contact me directly.

Best Regards,

# **Britney Pringle**

Environmental Planner <a href="mailto:bpringle@morrisonhershfield.com">bpringle@morrisonhershfield.com</a>



WAINFLEET WIND ENERGY PROJECT CONSULTATION REPORT

**Appendix F: Municipal Consultation** 



July 22, 2010

Mrs. Tanya Lamb Township Clerk, Township of Wainfleet 19M43 Highway 3, P.O. Box 40 Wainfleet, Ontario LOS 1V0

Re: Wainfleet Wind Energy Project, Draft Project Description Report

Dear Ms. Lamb:

Please find a copy of the draft Project Description Report for the Wainfleet Wind Energy Project attached along with a letter notifying your office about this proposal and a Public Open House. This project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.O.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). The Regulation requires that we provide your office with a copy of the draft Project Description Report so that it may be made available to anyone who is interested. We respectfully request that you file this document for public viewing for a period of at least 90 days. The draft Project Description Report can also be viewed on the project website at www.ipcenergy.ca.

If you have any questions or comments about this request, please feel free to contact me.

Yours truly,

### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com



July 22, 2010

Mrs. Tanya Lamb Township Clerk, Township of Wainfleet 19M43 Highway 3, P.O. Box 40 Wainfleet, Ontario L0S 1V0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mrs. Lamb:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

The purpose of this letter is to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House on August 24th, 2010. Please contact us if you believe that a meeting would be appropriate.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located south-western Ontario, in the Township of Wainfleet, in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached for your information. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All wind turbines are to be placed in open agricultural fields within the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH is currently preparing studies of the environmental effects of the development and operation of the proposed project in accordance with the requirements of the Act and Regulation. Where applicable, MH will work with the appropriate federal and provincial agencies to ensure that the project meets the requirements for federal and/or provincial permits or approvals. This may include an approval under the *Canadian Environmental Assessment Act* ("CEAA").

A draft Project Description Report titled *Wainfleet Wind Energy Project Renewable Energy Approval Project Description Report* has been prepared, which provides additional project information and details. This document is available to anyone interested. A copy will be made

available for public review at the Township of Wainfleet Office (19M43 Hwy. #3, P.O. Box 40, Wainfleet, Ontario, LOS 1V0). The draft Project Description Report can also be viewed on the project website at www.ipcenergy.ca.

**Public Open House #1:** If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. Public Open Houses provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. This will be the first of two Public Open Houses for this project; the next will be scheduled in the fall of 2010. We appreciate your input and welcome your attendance at our first Public Open House scheduled for:

Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

Location: Township of Wainfleet, Firefighters Memorial Community Hall

19M7 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

## Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

CC: Ms. Barbara Henderson

Mr. Ted Hessels

Mr. Ron Kramer

Mr. Evan Main

Mr. Ruby Warkentin

Mr. Scott Luey

Mr. Charles V. Miller

Mr. Grant Munday

Mr. Greg Wuisman

Mr. Keegan Gennings

Mr. Dale Minor

## Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com



# **Britney Pringle**

From: Jonathan Veale

Sent: Wednesday, November 17, 2010 12:28 PM

To: planning@township.wainfleet.on.ca

Cc: tlamb@township.wainfleet.on.ca; gwuisman@township.wainfleet.on.ca;

building@township.wainfleet.on.ca; Tom Lewis; Britney Pringle; Sunny Galia; Terry Hawrysh;

Paul Draycott

**Subject:** Wainfleet Wind Energy Project - Municipal Consultation **Attachments:** Municipal Consultation Form\_Wainfleet\_17Nov10\_sm.pdf

# Mr. Miller,

The draft site plan for the Wainfleet Wind Energy Project is now available for your review and comment. I would like to arrange a meeting with you and Township staff to discuss this project with the design and planning team. I envision that we could meet at any point after next week, where we would present the proposal and answer any questions or comments that you may have. Please let me know about your availability and that of the appropriate Township staff.

As required under O.Reg. 359/09 ("Renewable Energy Approval"), please find the Municipal Consultation form attached. The form indicates which Township Officials are required to provide comments. Also, since this project is a Class 4 Wind Facility some consultation requirements are not required.

<u>Public Open House</u>: We have not yet determined the date of our second Public Open House. Once we have determined a date and location for Public Open House #2, we will inform you in advance, and the public by letter notification and newspaper notice. This event will likely be in February, 2011.

<u>Consultation timelines</u>: Municipal stakeholders will have at least 90-days and members of the public will have at least 60-days to review our draft Renewable Energy Approval (REA) package in advance of the second Public Open House. Following that period, comments will be incorporated into the design of the project and Wainfleet Wind Energy Inc. may submit a Renewable Energy Approval to the Ministry of the Environment (MOE). The REA application will then be posted on the Environmental Registry for a further 30-day public comment period. Following that, the MOE will make a determination on approving the project.

## **Electronic Versions of Files**

I have uploaded relevant reports and maps to our FTP as follows:

## Site:

ftp://clientftp.morrisonhershfield.com/Wainfleet%20draft%20Renewable%20Energy%20A
pproval%20Package/

Login: TOR1104037
Password: 110four03seven
Access Expires: 15-Dec-10

I have couriered a paper copy of the draft REA package, this includes a CD with the reports and maps. I have uploaded each report/map separately on the FTP/CD and I have also included one document with all the reports attached.

These documents are not yet public. We will revise them based upon our discussions and that of other agencies. It is our intention to provide them as draft documents to the public within the next 30-days. At that time, we will provide the Township Clerk and Public Library with additional copies. Our timeline on this is subject to us meeting requirements of MOE, MNR, MTC, etc.

Please let me know if you have any questions or thoughts.

# Yours truly,

Jonathan Veale M.E.S. EP Environmental Planner – Environmental Division Planificateur environnementale – Division Environnementale jveale@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Office: 416 499 3110 x1639 | Fax: 416 499 9658 Cell: 416 347 8766 morrisonhershfield.com

# TRANSMITTAL FORM



DATE:

YOUR REFERENCE:

PROJECT No.:

VIA:

November 17, 2010

1104036.00

TO: Mr. Charles V. Miller

Manager of Planning, Township of Wainfleet 19M43 Highway 3, P.O. Box 40

Wainfleet, Ontario L0S 1V0

PROJECT: Wainfleet Wind Energy Project – Municipal

Consultation Form

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K:\PROJ\1104036\PROJECT MANAGEMENT\TRANSMITALS\1104036\_MUNICIPAL CONSULTATION.L

### Enclosed herewith are:

# No. of Copies Item Description

- 1 Draft Renewable Energy Approval Reports:
  - Project Description
  - Wind Turbine Specification
  - Design and Operations Report
  - Construction Plan Report
  - Decommissioning Plan Report
  - Natural Heritage Assessment Report
  - Water Report
  - Archaeological Reports
  - Cultural Heritage Report
  - Environmental Impact Statement
  - Environmental Effects Monitoring Plan
  - Public Open House #1 Summary
  - Land-use, Natural Heritage, and Ecological Land Classification Maps
- 1 CD containing electronic versions of REA reports
- 1 Municipal Consultation Form (Proponent Completed)

Jonathan Veale M.E.S. EP Project Manager – Environmental Division Chef de projet – Division Environnementale iveale@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Office: 416 499 3110 x1639 | Fax: 416 499 9658 Cell: 416 347 8766 morrisonhershfield.com

These documents are provided for your review and comment under O.Reg 359/09.

# **Britney Pringle**

Subject: RE: Report to Council RE: Wainfleet Wind Energy Project

---- Original Message -----

From: Grant Munday <planning@wainfleet.ca>

To: Tom Lewis

Sent: Fri Mar 18 16:25:19 2011

Subject: Report to Council RE: Wainfleet Wind Energy Project

Tom,

Find attached the Planning Report to Council seeking direction with respect Jones Consulting review of the Wainfleet Wind Energy Project and Township Staff's completion of the Municipal Consultation Form. We have circulated this report internally at the Township and then will formulate our official comments to the Province.

Grant Munday

Manager of Planning

Township of Wainfleet

31940 Highway 3

P.O. Box 40

Wainfleet, ON LOS 1V0

Ph. (905) 899-3463, Ext. 225

Fax. (905) 899-2340

www.wainfleet.ca <a href="http://www.township.wainfleet.on.ca">http://www.township.wainfleet.on.ca</a>

## The Township of Wainfleet Confidentiality Notice

The information contained in this communication including any attachments may be confidential, is intended only for the use of the recipient(s) named above, and may be legally privileged. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, disclosure, or copying of this communication, or any of its contents, is strictly prohibited. If you have received this communication in error, please resend this communication to the sender and permanently delete the original and any copy of it from your computer system. Thank you.

#### PLANNING STAFF REPORT

TO:

Mayor Jeffs & Members of Council

FROM:

G. Munday, Manager of Planning

DATE OF MEETING:

March 22, 2011

SUBJECT:

Wainfleet Wind Energy Project - Review of Consultant's Report and

Completion of Municipal Consultation Form

## **RECOMMENDATION(S):**

THAT this report be received;

**THAT** Council authorize staff to undertake a review of Appendix "A" - Jones Consulting Group Inc. review of the Wainfleet Wind Energy Project

AND THAT subsequent to this review staff be authorized to complete the Municipal Consultation Form for the Wainfleet Wind Energy Project and submit the completed form to the Ministry of Environment.

## **EXECUTIVE SUMMARY:**

Township Staff are requesting authorization to undertake a review of the Jones Consulting Group Inc. report "Wainfleet Wind Energy Project – Municipal Review Summary" (attached as Appendix "A") and to complete the Municipal Consultation Form to be submitted to the Ministry of Environment.

## **BACKGROUND:**

The Township Wainfleet is in receipt of the Draft Renewable Energy Approval package for the Wainfleet Wind Energy Project. This package was reviewed, in part, by the Township's consultant, Jones Consulting Group Inc. As part of the Renewable Energy Approval process municipalities are required to complete the Municipal Consultation Form for certain renewable energy projects.

## **DISCUSSION:**

Planning Staff has received the "Wainfleet Wind Energy Project – Municipal Review Summary" which was done on behalf of the Township by the consulting firm Jones Consulting Group Inc. This review will be used in part to assist Township staff in completing the Renewable Energy Approval Consultation Form for Municipalities which will be submitted to the Ministry of Environment for their review and consideration. Township Staff are requesting authorization to undertake a review of the consultant's report and to complete the Municipal Consultation Form to be submitted to the Ministry of Environment. Staff will incorporate the comments by the consultant and attach a copy of the minutes of the public meeting held on February 23, 2011 and any written comments received.

FINANCIAL CONSIDERATIONS
--------------------------

None.

# **OTHERS CONSULTED:**

None.

# **ATTACHMENTS:**

Appendix "A" - Wainfleet Wind Energy Project - Municipal Review Summary

Respectfully submitted by,

Grant Munday

Manager of Planning

Approved by,

Scott Luey

Chief Administrative Officer

## **APPENDIX "A"**



March 16, 2011

VIA EMAIL gmunday@wainfleet.ca

Grant Munday
Manager of Planning
Township of Wainfleet
31940 Highway 3, PO Box 40
Wainfleet ON LOS 1V0

Dear Mr. Munday:

Re: Wainfleet Wind Energy Project - Municipal Review Summary

Our File: WAI - 01115 (11)

## A. Introduction

Further to your letter of engagement dated February 10, 2011, we have undertaken our review of the Wainfleet Wind Energy Project. The primary focus of our review was to follow the prescribed questions in the Ministry of the Environment Renewable Energy Approval Consultation Form for municipalities and local authorities under section 18(2) of Ontario Regulation 359/09. This Regulation was issued under the Environmental Protection Act and relates to the new Renewable Energy Approvals process.

## B. Methodology

Our work included a detailed review of the Draft Renewable Energy Approval package prepared by Morrison Hershfield dated November 2010. In addition, we were provided with some existing Township road information, and we conducted a site visit and attended a Public Meeting on February 23, 2011. Lastly, we participated in a conference call with the proponent on March 3, 2011.

#### C. Review

We offer the following comments with regard to Part B, Section 5 of the Ministry of Environment Renewable Energy Approval Consultation Form. In order to facilitate your review, we have used the same numbering and headings as contained in the Ministry Form. Our comments below are structured as a response to the Ministry.

### 5.1 Project Location

- The Project Description Report suggests that the project may involve 4 or 5 turbines. We were advised by Tom Lewis from IPC that 5 turbines are proposed. Section 1.6.2 Indicates that alternative turbine locations were considered for future sites. If future sites are being considered as part of this application, then the Township requests this information at this time.
- Please clarify the final statement of Section 3.2.2.1 Crossing 4 in the Water Assessment and Impact Report. The Municipality is not clear what "Option 2" refers to.
- 3. The Township understands that turbine location is a complex and site/project dependent process. It is noted that the distance between Turbines 2 and 3 (as shown in Figure No. 4) is 246 metres. At the same time, the Vestas General

Specifications indicate in Section 9.1.3 that "spacing in any case not below three rotor diameters (3D)". This statement suggests the current turbines are placed too close together as per manufacturer specifications. This point was discussed during our conference call with the proponent, where we were advised that detailed calculations have been performed to confirm the placement of the turbines. We point this out because Turbine 3 is located less than 550 metres to the point of reception to the southeast. Any shift to Turbine 3 will correspondingly reduce the separation to this dwelling.

4. The Wind Turbine Specification Report (\$ 1.2), the Design and Operations Report (\$ 3.3), and the Acoustic Assessment Report state that the maximum sound power level of the V-100 turbines is 105 dB(A). However, according to Appendix 1 of the Wind Turbine Specification Report, which is the brochure for the Vesta V-100, the maximum sound power level is 106.5 dB(A) at 11m/s.

The noise consultant should confirm whether the 1.5 dB(A) would impact his modeling results. Specifically I note at least 5 receptors that would potentially exceed the 40 dB(A) maximum as noted below:

- Receptor R118 projected to be at 39.6 dB(A).
- Receptor R118c projected to be at 38.8 dB(A).
- Receptor R118d projected to be at 38.6 dB(A).
- 1 participating receptor PV01 projected to be at 39.1 dB(A).
- Vacant lot V026 projected to be at 38.7 dB(A).
- 5. Details of the maintenance building referred to in Section 2.10 of the Construction Plan Report are requested as required by Table 1 in Regulation 359/09.

#### 5.2 Project Roads

# 5.2.1 Provide comment on the proposed project's plans respecting proposed road access

- 6. Section 1.2 of the Construction Plan Report does not provide any details regarding the proposed construction routes, frequencies, and oversized truck dimensions for construction materials and turbine component delivery. This detail is required by the Township to comment on road and access issues in accordance with Regulation 359/09. We highlight that all reduced load restrictions and timing should be noted and adhered to.
- 7. In order to access Turbine 1, 2 and 3, the Proponent will require access through the currently un-opened road allowance of Sideroad 22, located between Abbey Road and Concession Road 1. A legal agreement between the Township and Proponent will be required to permit access through this right-of-way.
- 8. Turbine 1, Turbine 2, and Turbine 3 are setback 273m, 109m and 266m, respectively from the Sideroad 22 right-of-way. These setbacks adhere to Regulation 359/09 and accordingly are acceptable to the Township.

## 5.2.2 Identify any issues and provide recommendations with respect to road access

9. There appears to be a lack of information regarding the project's approach to obtaining municipal consent for use of the Township's road allowances. If the proponent wishes to use municipal lands than the project will need to provide

Barrie

- more detail regarding electrical lines and upgrades within the right-of-ways. For example, Section 4.0 of the Water Assessment and impacts Report does not provide sufficient data for the Township to comment as per regulation 359/09.
- 10. The Township should request that all distribution infrastructure is co-located and burled as a condition of the renewable energy approval.
- 11. The proponent is proposing to use an unopened Township right-of-way. Accordingly, we recommend that all access roads proposed within the Township owned right-of-way be improved as noted below:
  - Establish exact road allowance boundaries for the full construction length of roadway.
  - Grub and remove vegetation as necessary of the entire 20m wide road allowance for the full construction length of roadway.
  - Strip all topsoil and vegetation from the traveled portion (6.5 metres wide) and shoulders (1.5 metres wide on each side) of the roadway (total width 9.5 metres).
  - Prepare sub-base of sultable material for entire 9.5 metre wide roadway.
  - Construct road base consisting of a minimum of 450mm thick layer of compacted granular material (150mm of OPS granular 'A' overlying 300mm of OPS granular 'B') over the entire 9.5m width (6.5 metres of traveled roadway plus 1.5 meters of shoulders on each side) for full construction length of the roadway.
  - Apply double layer of surface treatment in year one followed by a single layer of surface treatment in year two. Surface treatment to consist of HF 150S Emulsion as per OPSS 304 and Class1/Class 2 aggregate as per OPSS 304 and 1001.
  - Install cross and driveway culverts as required.
  - Provide Erosion Control during/following construction. Contact NPCA regarding possible permits or fish habitat protection.
  - Provide and install guard ralls at roadway crossing of water courses or elevated areas.
  - Obtain all necessary permits/approvals from the Region of Niagara in order to make improvements.
  - Supply and install all signage such as Stop signs, Dead End, speed limits, etc.
- 12. Full geometric design of Sideroad 22 will be required to be submitted to the satisfaction of the Township prior to the Township entering into a right-of-way use agreement with the Proponent to allow access through the Sideroad 22 right-of-way.
- 13. "As-Built" drawings detailing the road layout and location of any proposed infrastructure (i.e. tap lines, culverts, etc.) located within the road allowance will be required to be submitted to the Township.

## 5.2.3 Provide comment on any proposed Traffic Management Plans

- 14. A traffic management plan was not provided as part of the submitted application under Regulation 359/09. The proponent provided a Transportation Survey prepared by Transera which identifies the proposed construction route will utilize the following local roads:
  - Abbey Road for turbines 1, 2, and 3.
  - Concession 1 and Station Road for turbines 4 and 5.

The exceptions are for the base sections that are being transported from Pueblo, CO and concrete trucks that will be dependent on the batch plant location.

The Township requests a copy of the Traffic Management Plan which should not only detail the construction routes above, but also for concrete hauling and all works proposed within the Township rights-of-way. We find the anticipated construction routes are acceptable. However, the noted roads should be monitored during the construction phase and any structural damage incurred as a result of heavy vehicle traffic will be required to be remediated to the satisfaction of the Township. The Proponent will be responsible for all costs associated with this remediation. These details, as well as securities to cover the potential costs associated with any remedial works should be laid out in the right-of-way use agreement

# 5.2.4 Identify any issues and provide recommendation with respect to the proposed Traffic Management Plans

- 15. Comments regarding the required Traffic Management Plans will be provided once received by the Township. We highlight the following requirements:
  - Traffic signing shall be in accordance with Book 7 of the Ontario Traffic Manual - Temporary Conditions.
  - Access for emergency vehicles must be maintained at all times. This must be noted as a requirement in the Traffic Management Plan.

## 5.3 Municipal or Local Authority Connections

- 5.3.1 Provide Comment on the proposed project plans related to the location of and type of municipal service connections, other than roads
  - There is no Township owned municipal service connections planned as part of the development proposal.
- 5.3.2 Identify any issues and provide recommendations with respect to the type of municipal service connections, other than roads
- 5.4 Facility Other
- 5.4.1 Identify any issues and recommendations with respect to the proposed landscaping design for the facility
- 5.4.2 Provide comment on the proposed project plans for emergency management procedures/safety protocols

705-734-2538 • 705-734-1056 fox

- 17. Section 1.6.5 discusses the proposed use of the Maintenance Building. Details are requested with respect to the characteristics and quantities of hazardous materials to be stored within the building and on the surrounding lands.
- 18. Section 5.11 of the Vestas General Specifications indicates that the only form of fire protection for each turbine is a 5 kg fire extinguisher and fire blanket (this level of protection could be compared to an average home let alone a multi-million dollar turbine). In the context of a rural fire department with limited resources, confirmation that these tools are sufficient to avoid catastrophic fire is requested. Research suggests that fire is the second most common accident cause and that there have been approximately 150 fires to date associated with wind energy projects.<sup>1</sup>
- 19. There is no reference in the Design and Operations Report to icing conditions and measures to reduce the incidence of ice throw. The Township is fully aware that turbines monitor ice formation through blade imbalance, however, it is documented that this detection system fails to shut the turbine down before ice can form and possibly be thrown. The Township requests that the Project's safety protocol be expanded to include procedures for icing conditions (i.e. shut down and start-up procedures, public notice, etc.) in addition to installation of an Ice Monitoring Sensor that shut down the turbine during potential icing conditions, before ice forms on the blades. This is a precautionary rather than reactionary safety system. This requirement should be noted in the Emergency Management Plan.
- 20. The Township requests that the Emergency Management Plan include the requirement that detailed maintenance logs, certified by a qualified individual, be filed annually with the Ministry to ensure on-going long-term maintenance of the turbines. The purpose of filing these logs is to ensure the long-term operation of the turbines follows the manufactures specifications and requirements.
- 21. There are sky diving operations in the vicinity of the project associated with the nearby location of the Port Colborne airport. The Township respects the air safety protocols of Transport Canada, however there are legitimate safety concerns as a result of sky diving activities not subject to Transport Canada protocols. Any existing skydiving operation in the vicinity of the subject site must be considered fully for compatibility when siting the project. Section 5.5.1 of the Environmental Effects Monitoring Plan does not appear to consider nearby skydiving activities.

# 5.4.3 Identify any issues and recommendations with respect to the proposed emergency management procedures/safety protocols

22. The Township feels that the project would benefit from a Community Relations Committee established during the operation of the project. This Committee could meet as required and include representatives from the Township, Community and Proponent to effectively deal with any arising operational issues or complaints and provide an effective conduit of information resulting from the communications plan referred to in Section 5.0 of the Design and Operations Report. Examples of items to discuss include any safety issues, noise concerns, maintenance activities etc. We also recommend that a Dispute Resolution Protocol be established so residents are aware of exactly how concerns etc. will be handled.

<sup>1</sup> www.caithnesswindfarms.co.uk

- 5.4.4 Identify any issues and recommendations with respect to any Easement or Restrictive Covenants associated with the Project Location
  - 23. The Township was unable to find any details regarding what easements and/or restrictive covenants may be required for the project. Additional detail is requested.
- 5.5 Project Construction
- 5.5.1 Identify any Issues and recommendations with respect to the proposed rehabilitation of any temporary disturbance areas and any municipal or local authority infrastructure that could be damaged during construction
  - 24. The Township does not consider the stabilization of erosion prone areas to be discretionary as presented in Section 4.3 of the Construction Plan Report. The Township requests that erosion and sedimentation plans be prepared and submitted for Township and Agency review prior to commencement of site alteration in order to protect surface water quality and natural heritage characteristics.
  - 25. Any disturbed or damaged areas (within a Township owned right-of-way) resulting from the construction or continued maintenance of the proposed turbines shall be required to be reinstated by the Proponent to its original condition or better to the satisfaction of the Township.
  - 26. The Township requests that a letter of credit be posted in the amount of 100% of the cost of the works plus contingency proposed on the Township right-of-way. The posted security will be reduced once the work is completed and final approval of the as-built plans occurs.
  - 27. The Township requests that the proponent enter into an agreement respecting the use of municipal property.
- 5.5.2 Identify any issues and recommendations with respect to the proposed location of fire hydrants and connections to existing drainage, water works and sanitary sewers
- 5.5.3 Identify any issues and recommendations with respect to the proposed location of buried kiosks and above grade utility vaults
  - 28. "As Built" information will be required to be submitted to the Township detailing the location and depths of any buried kiosks and above grade utility vaults located with a Township owned right-of-way.
- 5.5.4 Identify any issues and recommendations with respect to the proposed location of existing and proposed gas and electricity lines
  - 29. Sections 2.5 and 2.6 of the Construction Plan Report require clarification about details of the collector system and whether it is to be above or below grade. Details are also requested regarding where above ground transmission facilities will be located, whether they will be new facilities or co-located, and what Hydro One

Barrie

distribution lines will have to be connected. This information is required to determine use of the municipal right-of-way.

# 5.5.5 Provide comment on the proposed project plans with respect to Building Code permits and licenses

30. Permits will be required under the Building Code Act. The Proponent will be responsible to ensure all appropriate submissions are provided to the Building Department.

# 5.5.6 Identify any issues and recommendations related to the identification of any significant natural features and water bodies within the municipality or territory

- 31. The Township is concerned with the potential impacts on the ecological connections of the two Provincially Significant Wetlands located east and west of Turbines 4 and 5. The Environmental Impact Statement does not specifically assess this, other than listing some generic information in Section 3.2.8. The connectivity of these wetlands may be enhanced by the presence of the Casey Drain which is less than 100 metres away from Turbine 4. Specific attention to this issue is requested.
- 32. The Township requests that a detailed vegetation and tree removal plan be provided that identifies all vegetation and tree removal impacts. This Plan should include both private and municipal property. The Township notes that the proponent is proposing the use of municipal property without the benefit of knowing what physical alteration and tree removal will be required. We were informed by the proponent that this information would be provided later, but this is unacceptable as the impacts to the Township must be assessed at the beginning and not the end of the planning process.

The Township also notes that the Construction Plan Report does not appear to reference the Bird Migration Act and the restrictions for tree removal during the nesting season.

- 33. Schedules B and Appendix 1 of the Township Official Plan Identify the extent of Environmental Protection Areas to the north east of Turbines 2 and 3 that are inconsistent with the mapping provided by the proponent. Specifically, the Official Plan Identifies a evaluated wetlands that are not contained on the proponents mapping. In addition, Appendix 1 indicates that important fish habitat is contained within the watercourse to the east of Turbine 1 and north of Turbines 2 and 3.
- 34. Appendix 4 of the Township official Plan identifies that the area proposed for Turbines 4 and 5 are located in an area of High Aquifer Vulnerability. This does not appear to have been considered or addressed in the Water Assessment or the Environmental impact Statement Report. The Township requests further analysis to confirm that the location of the turbines is appropriate in this context.
- 35. We note that Table 1 of the Project Description Report indicates that "typically" large quantities of toxic or hazardous materials are not stored. It is noted that Appendix 1 provides the technical information of the Vestas V100 turbine and that this information indicates that the quantity of oil for the Hydraulic System alone is 260 liters. There is likely to be quantities of other fluids hazardous to the environment and local hydrologic features. These fluids may be associated with

**Head Office:** 

- the gearbox and VCUS cooling systems (refer to Section 6.1 of the Vestas General Specifications). We note that the cooling systems utilize glycol which is a potential contaminant. Clarification is also requested regarding the use of glycol for blade balancing (as in other turbine models).
- 36. Section 3.1.1 of the Environmental Effects Monitoring Plan indicates that inspections for leaks of fluid will only occur twice per year as part of the regular turbine maintenance. A more frequent visual inspection process (in conjunction with the avian monitoring surveys) would help minimize the potential for turbine fluid leaks into the environment. On-site signage directing the public to the Ministry of the Environment if spills are observed would be appropriate.
- 37. The conclusions reached in Section 4.1 of the Environmental Effects Monitoring Plan appear to rely significantly on the project being located outside of any required 120 meter setbacks. Simply stating adherence to the setback requirements as an appropriate mitigation response to avian activity may not be sufficient from a wider natural heritage system perspective.
- 38. The mitigation measures outlined in Section 4.1 of the Environmental Effects Monitoring Plan contradicts previous information in Table 1-D of the Construction Plan Report. It would appear that construction is taking place during months that the Environmental Effects Monitoring Plan indicates that no construction will take place. This comment also applies to Table 1.0 of the Water Assessment and Impacts Report that recommends no construction during other various times.
- 39. The documents appear to assume that Sideroad 22 is already paved. This is not the case and therefore information is required regarding the detail, impacts and mitigation measures associated with improving Side Road 22. In addition, the presence of a drainage ditch (possibly intermittent) along Sideroad 22 does not appear to be considered in the Water Assessment and Impacts Report.
- 40. It is not clear and there is no evidence that the Environmental Effects Monitoring Plan has been prepared in accordance with Clause 23.1 of Regulation 359/09. Reference to the applicable Ministry of Natural Resources documents would assist with the Township review.
- 41. Section 3.2 of the Natural Heritage Assessment Report indicates the presence of Tundra Swans ("regularly used") and a relatively uniform distribution of birds across the study area. Section 3.2 (page 10) goes on to say that no waterfowl stopover and staging areas were found within 120 meters of project works. It is unclear how this conclusion was reached. Further adding to the uncertainty is Section 5.1 that states that one proposed turbine is within 120 meters of a waterfowl staging and stopover area.
- 42. Referring to the stop over area in Section 8 above, no mitigation measures are found in the Natural Heritage Assessment Report.
- 43. It is requested that the timing constraints suggested for the Wild Turkey wintering range be included with the revised construction table and reflective of other timing limitations already imposed by other constraints.
- 44. Clause 26(3) of Regulation 359/09 stipulates that the name and qualifications of the person conducting the site investigation be included in the report. The Township was not able to find this information.

Barrie

# 5.5.7 Identify any Issues and recommendations related to the identification any archaeological resource or heritage resource

45. We understand that Clause 16(6) of Ontario Regulation 359/09 does not require the applicant to provide the Township with a copy of the Consultation Report, however, the Township would appreciate this information in order to fully comment with respect to archeological and heritage resource matters.

## General Comments regarding Renewable Energy Approval

The following comments are in addition to those specifically identified through the consultation form topics discussed above. The Municipality considers these comments relevant in the context of Ontario Regulation 359/09.

- 1. The project documentation makes no reference to the land use impact of shadow flicker and the potential to site the project to minimize this effect. Shadow flicker is a real and legitimate nuisance recognized by jurisdictions throughout the world. For the well being of its residents, the Township requests that the project's location and siting minimize the impact of shadow flicker. In particular, it would appear that Turbine 3 has the potential to have significant shadow flicker impacts on residents in the vicinity of Station Road and Concession Road 1. Industry best practices are to limit shadow flicker to a maximum of 30 hours per year and 30 minutes per day.
- 2. The Township requests that securities be posted to ensure decommissioning if a turbines is not operational for a period greater than one year.
- 3. A number of wind turbine developers in the Province have entered into an agreement to provide monies based on nameplate generating capacity (a dollar amount per megawatt). We recommend that the Township enter into discussions with the Proponent to see if they are willing to make such a contribution.

## D. Conclusions

Our review of the Wainfleet Wind Energy Project has concluded that additional technical information is required in the general areas of location, access, right-of-way use, traffic management, emergency management, construction, and natural heritage impacts. The Township requests that the proponent review the Items noted in this letter and provide additional technical information.

We would be pleased to discuss the contents of this letter in further detail.

Sincerely,

THE JONES CONSULTING GROUP LTD.

Ray Duhamel, M.C.P, MCIP, RPP

Partner

R. John Lackey, P. End Rarther

Head Office:



April 6, 2011

Mr. Grant Munday, Manager of Planning Township of Wainfleet 19M43 Highway 3, P.O. Box 40 Wainfleet, Ontario LOS 1V0

Re: Wainfleet Wind Energy Project
Preliminary Comments for the Municipal Consultation Form

Dear Mr. Munday:

On behalf of the Proponent, Wainfleet Wind Energy Inc., thank you for providing us with the Township of Wainfleet's preliminary comments regarding the Project's Draft Renewable Energy Approval package to be submitted to the Ministry of Environment for review. The purpose of this letter is to inform the Township of how these comments have been addressed and provide you with additional information, where possible.

As required under *Ontario Regulation 359/09* ("the Regulation") the Proponent ("Wainfleet Wind Energy Inc.") must provide the following <u>draft</u> reports and the Municipal Consultation Form to the Township for a 90-day review period:

- 1. Project Description Report;
- 2. Wind Turbine Specifications Report;
- 3. Construction Plan Report;
- 4. Design and Operations Report; and,
- 5. Decommissioning Plan Report.

These reports were first provided to the Township on November 17, 2010. With the Township requesting additional copies on November 24, 2010 and again on January 28, 2011, with the Proponent providing additional paper copies on November 26, 2010 and February 2, 2011, respectively. In addition to the above listed reports, the Proponent has provided the following additional draft reports to the Township for consideration above and beyond the requirements of the Regulation:

- 6. Natural Heritage Assessment Report;
- 7. Archaeological Stage 1 and Stage 2 Assessment Reports;
- 8. Cultural Heritage Assessment Report;
- 9. Water Report; and,
- 10. Environmental Impact Statement.

At the cost of the Proponent, the Township selected, retained and directed an independent consultant ("Jones Consulting Group Limited") to peer review and comment on all draft reports provided. Following this review, the Township provided preliminary comments on March 18, 2011. These comments have been reviewed by the project team and we have included Table 1 which provides a response to each comment and how it has been addressed by the Proponent.

Some comments pertain to Municipal permits, approvals, and legal arrangements which will be required before the Project begins construction. These permits, approvals, and legal arrangements will be obtained separately from the Municipal Consultation requirements under the Regulation. From the Proponent's perspective, it is important to distinguish the Municipal Consultation obligations of the Regulation from other Municipal approvals required by other legislation. Also, the detailed design is not prepared as part of the regulatory process provided by the Regulation. The purpose of this regulatory process is to obtain comment from you on the proposed Wind Energy Facility and the draft reports provided. Once the detailed design is produced and the proposal has been reviewed by the Ministry of the Environment ("MOE"), the Proponent will seek and obtain other Municipal approvals. Additional consultation and requirements will be satisfied at that time.

Where appropriate, the project team is incorporating the Township's comments/revisions into the Project's draft reports and supplementary materials, which will be officially filed for public review in the near future. Your comments, along with those of other agencies, will be included in the final draft Renewable Energy Approval package available for Township review at that time. In the mean time, we look forward to receiving the Township's completed Municipal Consultation Form.

**Next Steps**: The Wainfleet Wind Energy Project is in the process of obtaining an approval from the Ministry of Natural Resources (MNR). Once MNR approval has been received, the Proponent will provide the final draft Renewable Energy Approval package for a public review period of 60-days. At that time, the public will receive notification of the next Public Open House. The date of this event has not yet been determined. Following the Public Open House, the Proponent will address any outstanding concerns and the Project will become eligible to apply to MOE for a Renewable Energy Approval. The MOE has committed to make a decision on the Project within six months following an application by the Proponent.

Should you have any additional comments or concerns please do not hesitate to contact us. Yours truly,

## Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

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E-mail: sunny@ipcenergy.ca

# Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com

Attachment: Table 1, Proponent Response to Township Comments

CC: Tom Lewis, IPC Energy Britney Pringle, MH



Wainfleet Wind Energy Project- Township of Wainfleet Draft REA Review Summary				
Item No.	Township Comment	Proponent Response		
	5.1 Project Location			
1.	The Project Description Report suggests that the project may involve 4 or 5 turbines. We were advised by Tom Lewis from IPC that 5 turbines are proposed. Section 1.6.2 indicates that alternative turbine locations were considered for future sites. If future sites are being considered as part of this application, then the Township requests this information at this time.	Five (5) turbines are proposed for the Wainfleet Wind Energy Project. No future sites are being considered as part of this Renewable Energy Approval Application.		
2.	Please clarify the final statement of Section 3.2.2.1 Crossing 4 in the Water Assessment and Impact Report. The Municipality is not clear what "Option 2" refers to.	"Option 2" refers to a preliminary tapline design option, which was selected as the final design concept for the project. Reference to "Option 2" will be removed and replaced with "tapline" for greater clarification.		
3.	The Township understands that turbine location is a complex and site/project dependent process. It is noted that the distance between Turbines 2 and 3 (as shown in Figure. No 4) is 246 metres. At the same time, the Vestas General Specifications indicate in Section 9.1.3 that "spacing in any case not below three rotor diameters (3D)". This statement suggests the current turbines are placed too close together as per manufacturer specifications. This point was discussed during our conference call with the proponent, where we were advised that detailed calculations have been performed to confirm the placement of the turbines. We point this out because Turbine 3 is located less than 550 metres to the point of the reception to the southeast. Any shift to Turbine 3 will correspondingly reduce the separation to this dwelling.	Vestas has reviewed the site layout of the turbines, and they have no concerns regarding proposed turbine spacing. Vestas has confirmed that the placement of the turbines is in accordance with manufacturer specifications.  Revised land use mapping, with updated measurements shows that turbine 2 and 3 will be located 251metres apart and turbine 3 will be located 561 metres from the closest noise receptor (Please refer to the attached revised land-use maps)		
4.	The Wind Turbine Specifications Report (S1.2), the Design and Operations Report (S.3.3), and the Acoustic Assessment Report state that the maximum sound power level of the V-100 turbines is 105 dB(A). However, according to Appendix 1 of the Wind Turbine Specifications Report, which is the brochure for the Vestas V-100, the maximum sound power level is 106.5 dB(A) at 11 m/s.  The noise consultant should confirm whether the 1.5 dB(A) would impact his modeling results. Specifically I note at least 5 receptors that would potentially exceed the 40 dB(A) maximum as noted below:  Receptor R118 projected to be at 39.6 dB(A) Receptor R118c projected to be at 38.8 dB(A) Receptor R118d projected to be at 38.6 dB(A) I participating receptor PV01 projected to be at 39.1 dB(A) Vacant lot V026 projected to be at 38.7 dB(A)	Vestas has confirmed that the maximum sound power level of the V-100 1.8 MW turbine is 105.0 dB(A) at 11 m/s. Appendix 1 of the Draft Wind Turbine Specifications Report provided to the Township in November 2010 is outdated and will be removed. Please refer to Appendix 2 (Manufacturer Technical Details) of the same report which presents greater detail concerning the maximum sound power levels associated with the selected turbine model, as provided by Vestas.  Since the maximum sound power level will not exceed 105.0 dB(A), there will be no impacts to the modeling results provided in the Acoustic Assessment Report.  The proponent also recognizes the concerns associated with sound and confirms that the sound level will not exceed 40 dBA at the point of non-participating receptors.		
5.	Details of the maintenance building referred to in Section 2.10 of the Construction Plan Report are requested as required by Table 1 in Regulation 359/09.	The building within the Sub-Station enclosed area is used for the purpose of housing SCADA and other sub-station equipments. There is no plan to use it for storage of any hazardous material including Petroleum, Oil and Lubricants. Changes will be made within project reports to reflect this design change.  Preliminary engineering drawings prepared by AMEC were provided to the Township on March 4, 2011. This information provides greater detail regarding the proposed substation structure and satisfies the requirements outlined in Table 1 of Reg. 359/09.		



	leet Wind Energy Project- Township of Wainfleet Draft REA Review Summary Township Comment	Proponent Response
	2 Project Roads	
5.2.1 F	Provide comment on the proposed project's plans respecting proposed road access	
6.	Section 1.2 of the Construction Plan Report does not provide any details regarding the proposed construction routes, frequencies, and oversized truck dimensions for construction materials and turbine component delivery. This detail is required by the Township to comment on road and access issues in accordance with Regulation 359/09. We highlight that all reduced load restrictions and timing should be noted and adhered to.	The preliminary transportation survey prepared by Transera describes the proposed turbine component delivery routes.
		Vestas, as the selected turbine manufacturer will be responsible for delivering the turbine components to each turbine site and acquiring the necessary traffic permits required in consultation with the Township, Niagara Region, and MTO where applicable. These permits will be obtained separately from the REA process.
		The turbine components will be delivered to the project site by individual oversized vehicles. The volume of traffic expected for the delivery of each turbine will be Ten (10) heavy hauling trucks consisting of the following:
		Three (3) for the blades;
		One (1) for the nacelle;
		One (1) for the hub;
		One (1) for the controllers and converters; and
		Four (4) for the tower
		The weight information of each turbine component has been provided in the preliminary transportation survey. It is expected that one complete turbine will be delivered per day.
		The exact dimensions of construction and turbine delivery vehicles will be determined once the respective contracts have been awarded during detailed design.
		The number of concrete trucks and transportation routes will depend on the detailed design, location of the batch plant etc., which will be determined at a later date.
		Vestas, and the Construction Contractor will prepare a Traffic Management Plan as per regulatory guidelines in consultation with local authorities. The plan will be submitted to the Township in advance of construction commencement for review and comment.
7.	In order to access Turbine 1, 2, and 3, the Proponent will require access through the currently un-opened road allowance of Sideroad 22, located between Abbey Road and Concession Road 1. A legal agreement between the Township and Proponent will be required to permit access through this right-of-way.	Comment noted. Proponent is in agreement.
8.	Turbine 1, Turbine 2, and Turbine 3 are setback 273m, 109m, and 266m, respectively from the Sideroad 22 right-of-way. These setbacks adhere to Regulation 359/09 and accordingly are acceptable to the Township.	Comment noted.



Item No.	leet Wind Energy Project- Township of Wainfleet Draft REA Review Summary  Township Comment	Proponent Response	
5.2.2 I	5.2.2 Identify any issues and provide recommendations with respect to road access		
9.	allowances. If the proponent wishes to use municipal lands than the project will need to provide more detail regarding electrical lines and upgrades within the right-of-ways. For example, Section 4.0 of the Water Assessment and Impacts Report does not provide sufficient data for the Township to comment as per regulation 359/09.	Any use of municipal property (i.e. road allowances, right-of-way) by the Proponent will be in compliance with the legal agreements established between the Township and the Proponent.	
		Detailed information required for obtaining municipal permits/ approvals related to road allowances/rights-of-way are beyond the scope of the REA consultation requirements and will be discussed in consultation with the Township during detailed design.	
		The installation/upgrading of culverts for proposed access roads will follow the required streamlined approval process by the appropriate regulatory authorities (i.e. DFO, NPCA). Detailed information concerning culvert installations (i.e. sizing/type) at identified water crossings described in the Water Assessment Report will be provided in consultation with the Township during detailed design.	
10.	The Township should request that all distribution infrastructure is co-located and buried as a condition of the renewable energy approval.	Comment noted. The design preference for the project's distribution infrastructure is buried. Additional surveying and utility coordination will be undertaken during detailed design to determine if co-location is possible or required.	
11.	The Proponent is proposing to use an unopened Township right-of-way. Accordingly, we recommend that all access roads proposed within the Township owned right-of-way be improved as noted below:	Comment noted. At this stage detailed road design has not been carried out. However these roads are designed for supporting heavy	
	Establish exact road allowance boundaries for the full construction length of roadway.	equipment, concrete trucks and construction traffic. IPC will provide the	
	Grub and remove vegetation as necessary of the entire 20m wide road allowance for the full construction length of roadway.	detailed design of the road structure to the township at a later date when the detailed road design is complete.	
	<ul> <li>Strip all topsoil and vegetation from the traveled portion (6.5 metres wide) and shoulders (1.5 metres wide on each side) of the roadway (total width 9.5 metres)</li> </ul>	when the detailed road design is complete.	
	Prepare sub-base of suitable material for entire 9.5 metre wide roadway.		
	<ul> <li>Construct road base consisting of a minimum of 450mm thick layer of compacted granular material (150mm of OPS granular 'A' overlying 300mm of OPS granular 'B') over the entire 9.5m width (6.5 metres of traveled roadway plus 1.5 metres of shoulders on each side) for full construction length of the roadway.</li> </ul>		
	<ul> <li>Apply double layer of surface treatment in year one followed by a single layer of surface treatment in year two. Surface treatment to consist of HF 150S Emulsion as per OPSS 304 and class 1/Class 2 aggregate as per OPSS 304 and 1001.</li> </ul>		
	Install cross and driveway culverts as required.		
	Provide and install guard rails at roadway crossing of water courses or elevated areas.		
	Obtain all necessary permits/approvals for the Region of Niagara in order to make improvements.		
	Supply and install all signage such as Stop signs, Dead End, speed limits, etc.		
12.	Full geometric design of Sideroad 22 will be required to be submitted to the satisfaction of the Township prior to the Township entering into a right-of-way use agreement with the Proponent to allow access through the Sideroad 22 right-of-way.	Comment Noted. Full geometric design of Sideroad 22 will be provided upon completion of detailed design.	



ltem No.	Township Comment	Proponent Response
13.	"As-Built" drawings detailing the road layout and location of any proposed infrastructure (i.e. tap lines, culverts, etc.) located within the road allowance will be required to be submitted to the Township.	Comment Noted. Proponent is in agreement. As-built drawings will be provided to the Township after construction is completed.
5.2.3	Provide comment on any proposed Traffic Management Plans	
14.	A traffic management plan was not provided as part of the submitted application under Regulation 359/09. The proponent provided a Transportation Survey prepared by Transera which identifies the proposed construction route will utilize the following local roads:  • Abbey Road for turbines 1,2, and 3.  • Concession 1 and Station Road for turbines 4 and 5.  The exceptions are for the base sections that are being transported from Pueblo, CO and concrete trucks that will be dependant on the batch plant location.  The Township requests a copy of the traffic Management Plan which should not only detail the construction routes above, but also for concrete hauling and all works proposed within the Township rights-of-way. We find the anticipated construction routes are acceptable. However, the noted roads should be monitored during the construction phase and any structural damage incurred as a result of heavy vehicle traffic will be required to be remediated to the satisfaction of the Township. The Proponent will be responsible for all costs associated with any remedial works should be laid out in the right-of-way use agreement. These details, as well as securities to cover the potential costs associated with any remedial works should be laid out in the right-of-way use agreement.	The construction contractor and turbine manufacturer will be responsible for the creation and implementation of a Traffic Management Plan during construction, which includes obtaining the required permits to carry out construction activities and the safe deliver of turbine components/construction equipment.  The Traffic Management plan will be submitted to the Township in advance of construction commencement for review and comment. The plan will outline specific strategies for controlling the delivery/movemen of materials and personnel to and from each construction site; oversize loads; management of any required upgrading and/or modification of roadwork. The plan will also include dust and emission control measures.  As suggested the construction and transportation routes will be closely monitored and any structural damage occurred as a result of heavy traffic will be remediated to the original or better conditions. The proponent will bear the cost of such repairs.
5.2.4	dentify any issues and provide recommendation with respect to the proposed Traffic Management Plans	
	Comments regarding the required Traffic Management Plans will be provided once received by the Township. We highlight the following requirements:  • Traffic signing shall be in accordance with Book 7 of the Ontario Traffic Manual- Temporary Conditions  • Access for emergency vehicles must be maintained at all times. This must be noted as a requirement in the Traffic Management Plan.	Comment noted. As stated above a Traffic Management Plan will be prepared as per relevant guidelines and submitted to the Township for review and comment by the Construction Contractor/Turbine Manufacturer prior to the commencement of construction.



Item No.	Township Comment	Proponent Response
	unicipal or Local Authority Connections	
5.3.1	Provide Comment on the proposed project plans related to the location of and type of municipal service connections, oth	er than roads
16.	There is no Township owned municipal service connections planned as part of the development proposal.	Comment Noted.
5.3.2	ldentify any issues and provide recommendations with respect to the type of municipal service connections, other than r	oads
5.4 Fa	acility Other	
5.4.1	Identify any issues and recommendations with respect to the proposed landscaping design for the facility	
5.4.2	Provide comment on the proposed project plans for emergency management procedures/safety protocols	
17.	Section 1.6.5 discusses the proposed use of the Maintenance Building. Details are requested with respect to the characteristics and quantities of hazardous materials to be stored within the building and on the surrounding lands.	A separate Maintenance Building is no longer being proposed as part of the facility's design. Turbine Maintenance staff will maintain all materials in a controlled manner, and hazardous materials will be stored off-site. Revisions will be made within project reports to reflect this change in design.  Additionally, any use of hazardous materials on site will be handled in accordance with manufacturer instructions and in accordance with applicable provincial and federal regulations, codes, and guidelines. Should any spills of Petroleum, Oils or Lubricants (POL) occur at the project site during construction, operation or decommissioning phases the procedures identified in Section 5.2 of the Environmental Effects Monitoring Plan will be adhered to.
18.	Section 5.11 of the Vestas General Specifications indicates that the only form of fire protection for each turbine is a 5 kg fire extinguisher and fire blanket (this level of protection could be compared to an average home let alone a mulit-million dollar turbine). In the context of a rural fire department with limited resources, confirmation that these tools are sufficient to avoid catastrophic fire is requested. Research suggests that fire is the second most common accident cause and that there have been approximately 150 fires to date associated with wind energy projects.	The project's turbines will be maintained and operated in accordance with turbine manufacturer specifications. In addition to routine maintenance and site inspections, continual supervision of turbine operations and sensors (i.e. generator temperature sensors) will minimize the risk of potential fires.  All staff will be trained in the use of on-site fire-fighting equipment, fire prevention and response measures and emergency egress plans. In the event that a fire takes place and cannot be contained by site-staff procedures outlined in 5.4 of the Environmental Effects Monitoring Plan will be followed.  The fire protection procedures described will conform to best practice and reasonable measures in light of the nature of the facility.



Item No.	Township Comment	Proponent Response
19.	There is no reference in the Design and Operations Report to icing conditions and measures to reduce the incidence of ice throw. The Township is fully aware that turbines monitor ice formation through blade imbalance, however, it is documented that this detection system fails to shut the turbine down before ice can form and possibly be thrown. The Township requests that the Project's safety protocol be expanded to include procedures for icing conditions (i.e. shut down and start-up procedures, public notice, etc.) in addition to installation of an Ice Monitoring Sensor that shut down the turbine during potential icing conditions, before ice forms on the blades. This is a precautionary rather than reactionary safety system. This requirement should be noted in the Emergency Management Plan.	Section 5.5.2 of the Environmental Effects Monitoring Plan discusses icing conditions and ice throw. This section will be reviewed and improved, where possible to address the Township's public safety concerns and recommendations.  Compliance with MOE setback requirements from residences, roads, and property lines will dramatically reduce the chances of pubic safety to be compromised.  The Proponent feels that the turbine sensors used to detect imbalances within the rotor system in instances such as ice build-up are adequate in monitoring ice formation, which will shutdown turbine operations until the ice build-up has been removed and can safely operate.  The Proponent does not feel that the installation of an additional sensor is required.
20.	The Township requests that the Emergency Management Plan include the requirement that detailed maintenance logs, certified by a qualified individual, be filed annually with the Ministry to ensure on-going long-term maintenance of the turbines. The purpose of filing these logs is to ensure the long-term operation of the turbines follows the manufactures specifications and requirements.	Turbine maintenance will be undertaken by trained and qualified personnel as per manufacturer's recommendations and guidelines. It is standard practice to record all the breakdown and maintenance events for each turbine as well as any component of the project facility. The Proponent has an invested interest in maintaining the facility in proper working order. The proponent will look into the possibility of filing such logs with the ministry, if required.
21.	There are sky diving operations in the vicinity of the project associated with the nearby location of the Port Colborne airport. The Township respects the air safety protocols of Transport Canada, however there are legitimate safety concerns as a result of sky diving activities not subject to Transport Canada protocols. Any existing skydiving operation in the vicinity of the subject site must be considered fully for compatibility when siting the project. Section 5.5.1 of the Environmental Effects Monitoring Plan does not appear to consider nearby skydiving activities.	The design and operation of the Wainfleet Wind Energy Project will comply with all regulatory guidelines and requirements to ensure local aviation safety. The project team is actively consulting with the Canadian Sport Parachuting Association regarding potential impacts associated with local skydiving operations out of Port Colborne Airport. Their comments and any commitments made will be incorporated once received.  Efforts have also been made to consult with Skydive Burnaby regarding their operations and how to mitigate any potential impacts. The Proponent remains committed to consultation efforts to address and resolve any outstanding concerns.



Item No.	Township Comment	Proponent Response
	Identify any issues and recommendations with respect to the proposed emergency management procedures/safety protocols	
22.	The Township feels that the project would benefit from a Community Relations Committee established during the operation of the project. This Committee could meet as required and include representatives from the Township, Community and Proponent to effectively deal with any arising operational issues or complaints and provide an effective conduit of information resulting from the communications plan referred to in Section 5.0 of the Design and Operations Report. Examples of items to discuss include any safety issues, noise concerns, maintenance activities etc. We also recommend that a Dispute Resolution Protocol be established so residents are aware of exactly how concerns etc. will be handled.	The Proponent is in agreement that the project would benefit from the establishment of a Community Relations Committee comprising of representatives from the Township, Community, and Proponent provided that the committee has a defined mandate and its membership is committed to resolving arising matters in a constructive manner. The Proponent accepts the Township's recommendation that a Dispute Resolution Protocol be established detailing how concerns/ arising issues will be addressed. The Proponent will include this recommendation within the Design and Operations Report/EEMP and will further describe the protocol to be implemented to address future concerns.
5.4.4 I	Identify any issues and recommendations with respect to any Easement or Restrictive Covenants associated with the Project Location	on
23.	The Township was unable to find any details regarding what easements and/or restrictive covenants may be required for the project. Additional detail is requested.	The Proponent has entered into legal agreements with private participating landowners for the lease of their land for the placement of wind turbines and associated access roads over the lifetime of the project's operation.  The Proponent commits to enter a legal agreement with the Township for the use of the Township right-of-way/road allowances at a later date.
5.5 Pi	roject Construction	
	Identify any issues and recommendations with respect to the proposed rehabilitation of any temporary disturbance areas be damaged during construction	and any municipal or local authority infrastructure that could
24.	The Township does not consider the stabilization of erosion prone areas to be discretionary as presented in Section 4.3 of the Construction Plan Report. The Township requests that erosion and sedimentation plans be prepared and submitted for Township and Agency review prior to commencement of site alteration in order to protect surface water quality and natural heritage characteristics.	Comment noted. Erosion and Sedimentation plans will be prepared during detailed design and will be provided to the Township prior to commencement of site alteration.  Erosion and Sedimentation control measures will comply with OPSS 577- Construction Specification for Temporary Erosion and Sediment Control Measures.
25.	Any disturbed or damaged areas (within a Township owned right-of-way) resulting from the construction or continued maintenance of the proposed turbines shall be required to be reinstated by the Proponent to its original condition or better to the satisfaction of the Township.	Comment noted. Proponent is in agreement. Specific details/ arrangements agreed upon by the Proponent and the Township regarding the remediation of the Township owned right-of-way will be discussed outside of the consultation activities being undertaken as part of the REA process.



Item	fleet Wind Energy Project- Township of Wainfleet Draft REA Review Summary Township Comment	Proponent Response
No.		
26.	The Township requests that a letter of credit be posted in the amount of 100% of the cost of the works plus contingency proposed on the Township right-of-way. The posted security will be reduced once the work is completed and final approval of the as-built plans occurs.	Comment noted. Specific details/arrangements such as posted security deposits related to road allowances and use of Township owned right-of-way will be discussed in consultation with the Township outside of the consultation activities being undertaken as part of the REA process.
27.	The Township requests that the proponent enter into an agreement respecting the use of municipal property.	Comment noted. Proponent is in agreement. Discussions regarding restrictions/prohibitions concerning the use of Township property will be undertaken outside of the REA consultation requirements.
5.5.2	Identify any issues and recommendations with respect to the proposed location of fire hydrants and connections to exist	ing drainage, water works and sanitary sewers
5.5.3	Identify any issues and recommendations with respect to the proposed location of buried kiosks and above grade utility	vaults
28.	"As Built" information will be required to be submitted to the Township detailing the location and depths of any buried kiosks and above grade utility vaults location with a Township owned right-of-way.	Comment noted. Information will be provided once construction is complete.
5.5.4	Identify any issues and recommendations with respect to the proposed location of existing and proposed gas and elect	ricity lines
29.	Sections 2.5 and 2.6 of the Construction Plan Report require clarification about details of the collector system and whether it is to be above or below grade. Details are also requested regarding where above ground transmission facilities will be located, whether they will be new facilities or co-located, and what Hydro One distribution lines will have to be connected. This information is required to determine use of the municipal right-of-way.	The preferred design option for the collector system up to the switching station is below grade, utilizing underground cabling. A small part of the connection from the switching station to the Hydro line may be over head.  Specific detail pertaining to the distribution system will be provided during detailed design.
5.5.5	Provide comment on the proposed project plans with respect to Building Code permits and licenses	
30.	Permits will be required under the Building Code Act. The Proponent will be responsible to ensure all appropriate submissions are provided to the Building Department.	Comment noted. Proponent is in agreement. Proponent will ensure appropriate submissions are provided to the Building Department.
5.5.6	Identify any issues and recommendations related to the identification of any significant natural features and water bodies	es within the municipality or territory
31.	The Township is concerned with the potential impacts on the ecological connections of the two Provincially Significant Wetlands located east and west of Turbines 4 and 5. The Environmental Impact Statement does not specifically assess this, other than listing some generic information in Section 3.2.8. The connectivity of these wetlands may be enhanced by the presence of the Casey Drain which is less than 100 metres away from Turbine 4. Specific attention to this issue is requested.	The connectivity between Lowbanks Backshore Wetland Complex (AKA Emerson Road Woods Wetland) and the unnamed wetland to the east of it (Burnaby Bush) will not be impacted by the project. The tapline construction is being carried out by Horizontal Pressure Directional Drilling which will maintain the hydrological connection. Culverts will continue to convey Casey Drain, which will maintain the aquatic connection. For the terrestrial portion of the wetlands, impacts to connectivity will be temporary in nature, minor, and localized during construction and decommissioning phases. The base of the turbine will not impede travel of terrestrial wildlife or the potential for cross pollination of vegetation. Please refer to the EIS Report for potential impacts to wetland bird species and proposed mitigation measures to minimize these impacts.



Wain Item No.	fleet Wind Energy Project- Township of Wainfleet Draft REA Review Summary  Township Comment	Proponent Response
32.	The Township requests that a detailed vegetation and tree removal plan be provided that identifies all vegetation and tree removal impacts. This Plan should include both private and municipal property. The Township notes that the proponent is proposing the use of the municipal property without the benefit of knowing what physical alteration and tree removal will be required. We were informed by the proponent that this information would be provided later, but this is unacceptable as the impacts to the Township must be assessed at the beginning and not the end of the planning process.  The Township also notes that the Construction Plan Report does not appear to reference the Bird Migration Act and the restrictions for tree removal during the nesting season.	The Proponent is not required to produce a detailed vegetation and tree removal plan for the Township's review as part of the REA process. To produce such a detailed document requires detailed engineering drawings for roads and taplines to be complete. The Proponent will prepare and produce this information for the Township's review and comment during detailed design and once legal agreements between the Township and Proponent have been established for road allowances/rights-of-way use.  Permits required for Tree removals will be obtained by the appropriate authority prior to construction commencement and will be carried out in accordance with the Regional Tree and Forest Conservation Bylaw No. 30-2008.  Any Tree removal required for the project will be carried out in accordance with the Migratory Bird Convention Act (1994) and restrictions will be imposed between April 1st and July 1st as documented in the Environmental Impact Statement (EIS).  Revisions will be made to the Construction Plan Report to clarify that construction activities must comply with timing constraints identified in other project reports, specifically the NHA, EIS, EEMP, and Water Assessment and Impact Reports.
33.	Schedules B and Appendix 1 of the Township Official Plan identify the extent of Environmental Protection Areas to the north east of Turbines 2 and 3 that are inconsistent with the mapping provided by the proponent. Specifically, the Official Plan identifies a evaluated wetlands that are not contained on the proponents mapping. In addition, Appendix 1 indicated that important fish habitat is contained within the watercourse to the east of Turbine 1 and north of Turbines 2 and 3.	The Proponent has obtained schedules B and Appendix 1 of the Township Official Plan to verify any inconsistencies with the mapping provided. Revisions will be made where required.  The evaluated wetlands shown on Appendix 1 of the Official Plan have been assessed and identified in the Natural Heritage Report submission currently under MNR review.  Watercourse mapping is consistent with Appendix 1 of the Township Official Plan. Table 1 of the Water Assessment and Impact Report identifies the Habitat Sensitivity of each watercourse within the study area as provided by MNR and NCPA. Table 1 also identifies the fish communities/species present and in-water work timing restrictions for each watercourse within the study area.



Wain	leet Wind Energy Project- Township of Wainfleet Draft REA Review Summary	
Item No.	Township Comment	Proponent Response
34.	Appendix 4 of the Township Official Plan identifies that the area proposed for Turbines 4 and 5 are located in an area of High Aquifer Vulnerability. This does not appear to have been considered or addressed in the Water Assessment or the Environmental Impact Statement Report. The Township requests further analysis to confirm that the location of the turbines is appropriate in this context.	Appendix 4 of the Township Official Plan has been obtained by the Proponent. Revisions and additional mitigation measures will be incorporated into the Water Assessment and Impact Report, where required.
		The design and operation of the Wainfleet Wind Energy Project will not have any effects on ground water resources as there is no significant pollutant loading associated with the facility's operations.
		The storage and use of hazardous liquids will be maintained in accordance with the regulations and guidelines established by the Ministry of Environment.
		Should any spills of Petroleum, Oils or Lubricants (POL) occur at the project site the procedures identified in Section 5.2 of the EEMP will be adhered to and the appropriate authorities will be immediately notified.
35.	We note that Table 1 of the Project Description Report indicates that "typically" large quantities of toxic or hazardous materials are not stored. It is noted that Appendix 1 provided the technical information of the Vestas V100 turbine and that this information indicates that the quantity of oil for the Hydraulic System alone is 260 liters. There is likely to be quantities of other fluids hazardous to the environment and local hydrologic features. These fluids may be associated with the gearbox and VCUS cooling systems (refer to Section 6.1 of the Vestas General Specifications). We note that the cooling systems utilize glycol which is a potential contaminant. Clarification is also requested regarding the use of glycol for blade balancing (as in other turbine models).	Comment noted. The prescribed quantities of oil and lubricants are contained in the hydraulic system, gear boxes and other turbine components. Beyond the required quantities of liquids, oils or lubricants necessary for the mechanical components of the turbines to operate on a day-to-day basis, all additional hazardous materials will be stored offsite. Turbine maintenance staff will maintain and handle all materials in a controlled manner in accordance with manufacturer instructions and applicable provincial and federal regulations, codes, and guidelines.
		The cooling system uses Glycol in a closed loop system. The system monitors pressure and if a leak develops the circuit would shut down minimizing the loss of material. Glycol is a common heat transfer material found in all farm equipment, trucks and cars.
		Should any spills of Petroleum, Oils or Lubricants (POL) occur at the project site the procedures identified in Section 5.2 of the EEMP will be adhered to and the appropriate authorities will be immediately notified.
36.	Section 3.1.1 of the Environmental Effects Monitoring Plan indicates that inspections for leaks of fluid will only occur twice per year as part of the regular turbine maintenance. A more frequent visual inspection process (in conjunction with the avian monitoring surveys) would help minimize the potential for turbine fluid leaks into the environment. On-site signage directing the public to the Ministry of the Environment if spill are observed would be appropriate.	Turbine maintenance activities, including visual inspections for leaks of fluid will conform to Vestas Manufacturer Specifications. Additional site visits and maintenance requirements will be established on an as needed basis and will be adjusted according to the age of the facility.
		The project's turbine systems will be monitored remotely using a Supervision Control and Data Acquisition (SCADA) system. Continual monitoring of fluid pressure levels will minimize the potential for environmental damage.
		A Key Contact List will be placed at the base of each turbine, which includes the contact information of the Ministry of Environment's Spill Action Centre. This list will also be posted on the project's website.



Wainfleet Wind Energy Project- Township of Wainfleet Draft REA Review Summary		
Item	Township Comment	Proponent Response
<b>No.</b> 37.	The conclusions reached in Section 4.1 of the Environmental Effects Monitoring Plan appear to rely significantly on the project being located outside of any required 120 metre setbacks. Simply stating adherence to the setback requirements as an appropriate mitigation response to avian activity may not be sufficient from a wider natural heritage system perspective.	Section 4.1 of the Environmental Effects Monitoring Plan outlines the results concluded as part of the Natural Heritage Assessment Report, which follows the Ministry of Natural Resources Significant Wildlife Technical Guide in determining the significance of each natural feature identified within 120 metres of the project location as required under O. Reg. 359/09.  Additionally, mitigation measures and avian post-construction monitoring procedures are outlined in the EEMP to mitigate potential impacts to bird species.
38.	The mitigation measures outlined in Section 4.1 of the Environmental Effects Monitoring Plan contradicts previous information in Table 1-D of the Construction Plan Report. It would appear that construction is taking place during months that the Environmental Effects Monitoring Plan indicates that no construction will take place. This comment also applies to Table 1.0 of the Water Assessment and Impacts Report that recommends no construction during other various times.	Revisions will be made to the Construction Plan Report to clarify that construction activities must comply with timing constraints identified in other project reports, specifically the NHA, EIS, EEMP, and Water Assessment and Impact Reports.  Construction activities will comply with the Migratory Bird Convention Act (1994).  Please note: Table 1.0 of the Water Assessment and Impacts Report identifies MNR/NPCA timing restrictions, which applies to in-water works only (i.e. culvert replacement/installations).
39.	The documents appear to assume that Sideroad 22 is already paved. This is not the case and therefore information is required regarding the detail, impacts and mitigation measures associated with improving Side Road 22. In addition, the presence of a drainage ditch (possibly intermittent) along Sideroad 22 does not appear to be considered in the Water Assessment and Impacts Report.	Comment noted. Revisions will be made within the report, where required.  Please refer to Section 3 (Old Mill Race Creek Watershed and Crossing 4), which discusses the drainage ditch along Sideroad 22.
40.	It is not clear and there is no evidence that the Environmental Effects Monitoring Plan has been prepared in accordance with Clause 23.1 of Regulation 359/09. Reference to the applicable Ministry of Natural Resources documents would assist with the Township review.	Clause 23.1 was inserted into O. Reg. 359/09 as an amendment (O. Reg. 521/10) which came into effect January 1, 2011. Since the Proponent issued the Notice of Engagement and Public Open House before the amendment came into effect the project is subject to the provisions of the previous Regulation.  However, the EEMP has been prepared in accordance with MNR standards for avian and bat monitoring and the report is currently under MNR review.



Item No.	fleet Wind Energy Project- Township of Wainfleet Draft REA Review Summary  Township Comment	Proponent Response
41.	Section 3.2 of the Natural Heritage Assessment Report indicates the presence of Tundra Swans ("regularly used") and a relatively uniform distribution of birds across the study area. Section 3.2 (page 10) goes on to say that no waterfowl stopover and staging areas were found within 120 metres of project works. It is unclear how this conclusion was reached. Further adding to the uncertainty is Section 5.1 that states that one proposed turbine is within 120 metres of a waterfowl staging and stopover area.	It was determined that no waterfowl stopover and staging areas were found within 120 metres of the proposed turbine locations because no single location (or locations) exist that would regularly attract large numbers of birds on an annual basis. Using the evaluation criteria from the MNR Significant Wildlife Habitat Technical Guide it was determined that this area is not significant because of the lack of species of conservation concern, abundance was not significantly higher at this site than in the rest of the Wainfleet Study Area and finally because the habitat was not ideal since it was not located along the shoreline.  Section 5.1 of the Draft Natural Heritage Assessment provided in November 2010 discusses a potential waterfowl stopover and staging area, which was later determined to be not significant using MNR evaluation criteria. This assessment has been clarified in revisions made to the Natural Heritage Assessment report currently under MNR review. It was determined that no significant waterfowl stopover and staging areas are within 120 metres of the proposed turbine locations.
42.	Referring to the stop over area in Section 8 above, no mitigation measures are found in the Natural Heritage Assessment Report.	No mitigation has been provided as it has been determined that there is no waterfowl stopover and staging areas within 120 metres of the project location.
43.	It is requested that the timing constraints suggested for the Wild Turkey wintering range be included with the revised construction table and reflective of other timing limitation already imposed by other constraints.	Comment noted. Revisions will be made to the Construction Plan Report to clarify that construction activities must comply with timing constraints identified in other project reports, specifically the NHA, EIS, EEMP, and Water Assessment and Impact Reports.
44.	Clause 26(3) of Regulation 359/09 stipulates that the name and qualifications of the person conduction the site investigation be included in the report. The Township was not able to find this information.	This comment has been addressed. The names and qualifications have been included in a revised copy of the Natural Heritage Assessment Report provided to MNR for review.

Item No.	leet Wind Energy Project- Township of Wainfleet Draft REA Review Summary  Township Comment	Proponent Response
	⊣ Identify any issues and recommendations related to the identification of any archaeological resource or heritage resourc	e e
45.	We understand that Clause 16(6) of Ontario Regulation 359/09 does not require the applicant to provide the Township with a copy of the consultation Report, however, the Township would appreciate this information in order to fully comment with respect to archeological and heritage resource matters.	The Proponent has provided the Stage 1 and Stage 2 Archeology and Cultural Heritage Assessment Reports which should provide the Township with sufficient material to comment on the identification of these resources.  The Consultation Plan Report will be prepared in accordance with O. Reg. 359/09 and will be submitted to MOE as part of the Final REA package. This report is intended to document and describe the consultation activities undertaken in its entirety during the planning phase of the proposed project and as such cannot be provided to the Township for their review at this time. However, the Proponent will provide the Township with the confirmation letters received from the Ministry of Tourism and Culture to confirm that the reports were prepared in accordance with O. Reg. 359/09.
Gene	ral Comments regarding Renewable Energy Approval	
	ollowing comments are in addition to those specifically identified through the consultation form topics discussed above. The Munici ation 359/09	pality considers these comments relevant in the context of Ontario
1.	The project documentation makes no reference to the land use impact of shadow flicker and the potential to site the project to minimize this effect. Shadow flicker is a real and legitimate nuisance recognized by jurisdiction throughout the world. For the well being of its residents, the Township requests that the project's location and siting minimize the impact of shadow flicker. In particular, it would appear that Turbine 3 has the potential to have significant shadow flicker impacts on residents in the vicinity of Station Road and Concession Road 1. Industry best practices are to limit shadow flicker to a maximum of 30 hours per year and 30 minutes per day.	A Shadow Flicker Assessment is not a requirement as part of O. Reg. 359/09.  To address the Township's concerns the Proponent will look in to the possibility of modeling shadow flicker and its impact on residents in the vicinity of Station Road and Concession Road 1. The Proponent is committed to ensuring minimal impacts on local residents are experienced and will follow standard industry practices in the development, construction and operation of the proposed wind energy project.
2.	The Township requests that securities be posted to ensure decommissioning if a turbine is not operational for a period greater than one year.	Comment noted. The project's Decommissioning Plan has been provided to the municipality for review. The Proponent is committed to decommissioning the proposed wind energy project as per the prevailing industry standards and local requirements in effect at that time. It is in the interest of the proponent that the down time of the turbines is kept to a minimum. Any turbine remaining non operational fa period of one year or more is not expected, and rarely occurs. However the turbines will be decommissioned at the end of the contrare period and not after one year of non operation, as suggested.



Wainf	Wainfleet Wind Energy Project- Township of Wainfleet Draft REA Review Summary				
	Township Comment	Proponent Response			
No.					
	A number of wind turbine developers in the Province have entered into an agreement to provide monies based on nameplate generating capacity (a dollar amount per megawatt). We recommend that the Township enter into discussions with the Proponent to see if they are willing to make such a contribution.	Comment noted. The Loeffen brothers are local area residents and prudent businessmen having made a positive contribution to the community for over 50 years. They strongly believe that the proposed wind farm project will bring a net benefit to the community and will review your proposal for some community contribution.			



# TOWNSHIP OF WAINFLEET

Box 40, 31940 Hwy #3, Wainfleet, ON L0S 1V0 Tel: 905-899-3463 • Fax: 905-899-2340 • www.township.wainfleet.on.ca

April 18, 2011

Director
Environmental Assessment and Approvals Branch
Ministry of the Environment
2 St. Clair Ave W, Floor 12A
Toronto, ON M4V 1L5

RE: Wainfleet Wind Energy Project Draft Renewable Energy Approval Package (Project No. 1104036.00)

Submission of the Municipal Consultation Form

We have had the opportunity to review the proposed Wainfleet Wind Energy Project and the associated Draft Renewable Energy Approval Package as they relate to the Municipal Consultation Form. The Township's review this project included the following:

- A review was undertaken on behalf of the Township of Wainfleet by Jones Consulting Group Ltd.
- Various discussions with the proponent and related municipal officials.
- Copies of the Draft Renewable Energy Approval Package were available on the Township's website, and the Township Municipal Office and Library.
- A public meeting regarding the Wainfleet Wind Energy Project was held by the Township of Wainfleet on February 23, 2011.
- The Draft Renewable Energy Approval Package was circulated for comment to the following:
  - Various internal departments within the Township of Wainfleet (Building Department, Operations Department, Finance Department and the Fire Chief);
  - o The Niagara Peninsula Conservation Authority (NPCA); and
  - o The Regional Municipality of Niagara.

As a result of the above review our comments on this project are contained within the following attachments:

Attachment I -	Jones Consulting Group Ltd. Report Dated March 16, 2011
Attachment 2 -	Comments from the Region of Niagara dated April 1, 2011
Attachment 3 -	Comments from the Niagara Peninsula Conservation Authority
Attachment 4 -	Comments from the Township of Wainfleet Fire Chief
Attachment 5 -	Minutes from the 2011 Public Meeting held by the Township of
	Wainfleet on February 23, 2011

The Townhship of Wainfleet staff strongly recommends that the Province of Ontario consider the comments attached to this letter in making its decision concerning the Wainfleet Wind Energy Project and ensure the proponent adequately address the comments and concerns in Attachments 1 through 5. Should the Province choose to approve the project it is recommended that the approval be conditional upon any condition of approval deemed necessary by the Province including the following:

- An agreement between the municipality and the proponent addressing the following:
  - Proposed construction routes, frequencies, and oversized truck dimensions for construction materials and turbine component delivery subject to approval by the Township of Wainfleet Director of Operations (as per item 5.2.1 6. in Attachment 1).
  - o Requirements for the opening of the Side Road 22 unopened road allowance (to be solely paid for by the proponent) subject to approval by the Township of Wainfleet Director of Operations. (as per item 5.2.2 11., 12., 13. in Attachment 1).
  - O Details regarding the use of municipal lands for electrical lines and upgrades within the municipal road right-of-ways subject to approval by the Township of Wainfleet Director of Operations (as per item 5.2.3 14. in Attachment 1).
  - The hiring of consulting engineer by the municipality (paid for by the proponent) to prepare a haul road report and a supplementary report to the satisfaction of the Township of Wainfleet Director of Operations.
  - o A Traffic Management Plan (as per item 5.2.3 14.& 5.2.4 15. in Attachment 1).
  - O An Emergency Management Plan to the satisfaction of the Township of Wainfleet Fire Chief (as per item 5.4.2 in Attachment 1 & item 2), 3) and 4) in Attachment 4).
  - A Decommissioning Plan including the requirement for securities to be posted to
    ensure decommissioning if a turbine is not operational for a period of greater than
    one year.
  - A tree preservation plan to be completed by the Applicant by a certified and consulting arborist for both public and private trees impacted by the proposed construction. The proponent should be required replace all trees destroyed on public property as a result of the proposed construction activities. Replacement trees will be relocated to a location acceptable to the Township of Wainfleet Director of Operations.
  - The payment of a yearly community contribution (paid by the proponent) for the life of the FIT contract for this project.
  - The proponent shall procure and maintain liability insurance to the satisfaction of the Township of Wainfleet.
- The proponent be required to maintain access driveways to the proposed Turbines through the construction and operation period so that there is sufficient room to place multiple pieces of emergency equipment and sufficient space to permit a forward moving turn around(see 1) in Attachment 4).
- All distribution infrastructure is to be co-located and buried.
- Require the creation of a Community Relations Committee (as per item 5.4.3 22. in Attachment 1).
- Any agreements or plans required by the Region of Niagara (as per Attachment 2).

Sincerely.

Grant Munday

Manager of Planning

Cc: IPC Energy (via email and regular mail)

Township of Wainfleet Council (via email)

Lindsay Earl, NPCA (via email)

Mark Johnson, Region of Niagara (via email)

Scott Luey, Greg Wuisman, Robyn Madere, Keegan Gennings, Fire Chief Cole (via email)



Renewable Energy Approval Consultation Form: municipalities, local authorities ss. 18(2) Ontario Regulation 359/09

Ce formulaire est disponible en français

Ministry of the Environment

# PART A: TO BE COMPLETED BY THE APPLICANT BEFORE SUBMITTING TO MUNICIPALITY OR LOCAL AUTHORITY

**Section 1 - Project Description** 

1.1 - Renewable En		2 E B					
1	Project Name (Project identifier to be used as a reference in correspondence)						
Wainfleet Wind Energy Project (Project No. 1104036.00)							
<u> </u>	·			- And and - An			
Project Location							
Same as Applicant Phy	<b>—</b>	L		ase provide site address info	rmation belov	v)	
	formation (includes street r					Unit Identifie	er (i.e. apartment number)
				Land Use Maps (App	endix B)		
	quired if Street Information	is pro					
Lot and Conc.: used to indicate location and consists of a lot nul number.	n within a subdivided towns mber and a concession	hip	Part and Referen used to indicate le number indicating	ce: ocation within unorganized to g the location within that plan	erritory, and c . Attach copy	onsists of a pa of the plan.	art and a reference plan
Lot	Conc.			Part		Refer	ence Plan
Location Information (in	cludes any additional infori	nation	to clarify physical I	location)(e.g. municipality, w	l ard/ township	)	·
				of Niagara, Onta			
	southwest corner of propen	(y)					*****
Map Datum	Zone		uracy Estimate	Geo Referencing Method	UTM Eastin	g	UTM Northing
NAD83	17N		urate to meter	Point to radius	(SEE AP	PENDIX C	or Coordinates)
D. C. D. C.							
	ine construction, operati				····	****	
See Project Description Report (PDR) (Appendix A) - The project will be conducted in four main phases: 1) Development, 2) Construction, 3) Operations and Maintenance, and 4) Decommissioning. The attached PDR describes each of these phases. This project is presently in the development phase where the proponent seeks to obtain the required approvals. The following reports are available for your reference: Design & Operations Report, Construction Plan Report, Decommissioning Plan Report, and Wind Turbine Specification Report.							
1.2 - Environmental	Context						
Describe any negative environmental effects that may result from engaging in the project (consider construction, operation and decommissioning activities.)  A number of environmental effects are possible, our initial assessment is included in the draft Project Description Report. Following that, the draft REA reports describe environmental effects from the perspective of each phase and the required tasks to construct, operate, and decommission the facility.							
Propose early avoidance/prevention/mitigation concepts and measures.  The potential effects of constructing, operating, maintaining, and decommissioning a wind energy project can typically be mitigated through known and accepted practices. The each REA report describe how this project will reduce or mitigate these potential environmental concerns. Please see the appropriate report for each phase to learn about the proposed avoidance/prevention/mitigation measures.							

	newable Energy Genera acility / Operation (select all t	ation Facility that apply & complete all appropriate section	ons)			
x	Wind Facility (Land Based) Class 4 Wind Facility			Biofuel Facility		
	Wind Facility (Off-Shore)  Biogas Facility (Anaerobic Digesters)  Biomass Facility (Thermal Treatment)			Solar Photo Voltaic Facility  Other Describe :  Class (if applicable) :		
Name Pla	te Capacity	Expected Generation	T	Service Area	Total Area of Site (hectares)	
9.0 me	gawatts	26 million kWh/year	V	Vainfleet/Niagara	Approx. 20-25 hectares	
SOURCE to The major ouilt. Th transform transform	Delectricity.  components of the proje  e Vestas V100, 1.8 MW t  ers and a distribution  ers located in the nace	ect are as follows: 1) Meteorol urbine model has been selected system to connect to the Hydro lle housing of each turbine, Bu	ogical as the One di ried a	1 Tower; 2) It is anticipated e preferred model; 3) Collect istribution system; 4) Nacell and overhead 27.6kV electrica	that four to five turbines will be or systems, micelle mounted e mounted 690v/27.6 kV step up 1 collector system, switching station s; 7) A small Supervision Control and	

### 1.4 – Renewable Energy Generation Activities

Describe the activities that will be engaged in as part of the renewable energy project

The Wainfleet Wind Energy Project will convert the energy in the wind into electricity using wind turbine generators which will then feed into the Hydro One distribution system. This will produce enough

### **Section 2 – Supporting Documents**

2.1 – Requirement	Name of Draft documents distributed for consultation	Date available to Municipal or Local Authority Contact
DRAFT Project Description Report	Draft Project Description Report	17-Nov-2010
DRAFT Design and Operations Report	Draft Design & Operations Report	17-Nov-2010
DRAFT Construction Plan Report	Draft Construction Plan Report	17-Nov-2010
DRAFT Decommissioning Plan Report	Draft Decommissioning Plan Report	17-Nov-2010
List of other Documents	Draft Wind Turbine Spec. Report	17-Nov-2010
	Draft Stage 1 Archaeology Report	17-Nov-2010
	Draft Stage 2 Archaeology Report	17-Nov-2010
	Draft Cultural Heritage Report	17-Nov-2010
	Draft Water Report	17-Nov-2010
	Draft Land Use Maps	17-Nov-2010
	Draft Natural Heritage Maps	17-Nov-2010
***************************************		

Location where written draft reports can be obtained for public inspection (physical location for viewing and the applicants project website if one is available):

1) Township of Wainfleet Clerks Office - 19M43 Highway 3, P.O. Box 40, Wainfleet, ON LOS 1V0

2) Wainfleet Public Library - 19M9 Park Street, P.O. Box 118, Wainfleet, ON LOS 1V0

3) www.wainfleetwindenergy.ca/

Draft REA Package available 60-days in advance of second public open house IAW O.Reg.359/09

### Section 3 – Applicant Address and Contact Information

3.1 - Applicant Informa	tion (Owner of project/fac	ility)			(C)-()(1 (C)-(C)	
Applicant Name (legal name of individual or organization as evidenced by legal documents)  Business Identification Number						
Wainfleet Wind		2215455				
Business Name (the name u	nder which the entity is opera	ating or trading	- also referred to as	trade name)	<b>x</b> sam	e as Applicant Name
42569 HWY 3, W		rio, LO5			Uni 	it Identifier (i.e. apartment number)
Survey Address (Not require	d if Street Information is prov	ided)				
Lot and Conc.: used to indicate location with and consists of a lot number	and a concession number.	Part and Refe used to indica part and a refe	te location within an erence plan number	unsubdivided tow indicating the local	nship or un ation within	surveyed territory, and consists of a that plan. Attach copy of the plan.
Lot Conc. Part Reference Plan						Reference Plan
N/A					-	
Municipality	County/District		Province/State	Country	'	Postal Code
Niagara Region,	Township of	Wainfleet,	Ontario,	Canad	la,	LO5 1V1

## PART B: TO BE COMPLETED BY THE MUNICIPALITY OR LOCAL AUTHORITY

Section 4 - Municipal or Local Authority Contact Information (check the one that applies)

Local Municipality //n	clude each local municipality			<b></b>	(MAR) — 1878 MAR (MAR) — 1878 MAR (MAR)
Name of Municipality To www.HIP of MAJAFLEET	Address 31940 HWY#3 P.O. BOX 40 WALV FLEET ONLOSIVO	Phone 905-899- 3463	Clerk's Name SCOTT LUEY	© Yes Clerk's Phone/Fax 905-899-3463/ 905-899-2340	□ No E-Mail Address Sluey@wainfleet. ea
Name of   Municipality   REGION OF	IV (Include each upper tier n Address 2201 St. Ass. As. Ro. P.O. Box 1042 THOODLO ON 22V 41	Phone 405-685-1571	ect location is situated) Clerk's name KEVN 69W	☐ Yes Clerk's Phone/Fax (105-685-157   905-687-4977	No E-Mail Address
	ude each local roads area in Address		s situated)   Secretary-treasurer's   Name	☐ Yes Secretary-treasurer's Phone/Fax	□ No E-Mall Address
Board Area (include e Name of Local Service Board	ach board area in which proj Address	ect location is situated) Phone	Secretary's name	∑: Yes Secretary's Phone/Fax	☑ No E-Mail Address
	<u> </u>	Section 5: Consult	ation Requirement <	SEE COMMENTS	ON ATTACHEO
5.1:- Project Location	on .			LETTER AND ATT	ON ATTACHEO OCHMENT I THONG
Provide comment on	the project location with r	respect to infrastructur	re and servicing.		
	•				
5.2 - Project Roads					
Provide comment on	the proposed project's pl	ans respecting propos	sed road access.		
					,
Identify any issues ar	nd provide recommendati	ons with respect to roa	ad access		***************************************
		:		***************************************	
·	·		,		
Provide comment on	any proposed Traffic Mai	nagement Plans		:	
identify any issues ar	nd provide recommendation	ons with respect to the	proposed Traffic Manage	ement Plans	
				··· <del></del>	

5.3 - Municipal or Local authority Service Connections
Provide comment on the proposed project plans related to the location of and type of municipal service connections, other than roads.
·
Identify any issues and provide recommendations with respect to the type of municipal service connections, other than roads.
·
5.4—Facility Other
5.4—Facility Officer Identify any Issues and recommendations with respect to the proposed landscaping design for the facility
dentity any issues and recontine idations with respect to the proposed landscaping design for the facility
Provide comment on the proposed project plans for emergency management procedures / safety protocols.
Project plant for officigoral management procedures / salety protocols.
Identify any issues and recommendations with respect to the proposed emergency management procedures / safety protocols.
piotocolis.
·
Identify any issues and recommendations with respect to any Easements or Restrictive Covenants associated with the Project Location
1000 200010/1
5:5 Project Construction
Identify any issues and recommendations with respect to the proposed rehabilitation of any temporary disturbance areas and any municipal
or local authority infrastructure that could be damaged during construction.
Identify any issues and recommendations with secreet to the annual to the first of
Identify any issues and recommendations with respect to the proposed location of fire hydrants and connections to existing drainage, water works and sanitary sewers
Grantage, water works and samilary sewers
Identify any issues and recommendations with respect to the proposed location of buried kiosks and above-grade utility vaults
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

Identify any issues and recommendations with respect to the proposed location of existing and proposed gas and electricity lines and connections
Provide comment on the proposed project plans with respect to Building Code permits and licenses.
Identify any issues and recommendations related to the identification of any significant natural features and water bodies within the municipality or territory.
Identify any issues and recommendations related to the identification any archaeological resource or heritage resource.

### ATTACHMENT 1



March 16, 2011

VIA EMAIL gmunday@wainfleet.ca

**Grant Munday** Manager of Planning Township of Wainfleet 31940 Highway 3, PO Box 40 Wainfleet ON LOS 1VO

Dear Mr. Munday:

Re:

Wainfleet Wind Energy Project - Municipal Review Summary Our File: WAI - 01115 (11)

#### A. introduction

Further to your letter of engagement dated February 10, 2011, we have undertaken our review of the Wainfleet Wind Energy Project. The primary focus of our review was to follow the prescribed questions in the Ministry of the Environment Renewable Energy Approval Consultation Form for municipalities and local authorities under section 18(2) of Ontario Regulation 359/09. This Regulation was issued under the Environmental Protection Act and relates to the new Renewable Energy Approvals process,

#### B. Methodology

Our work included a detailed review of the Draft Renewable Energy Approval package prepared by Morrison Hershfield dated November 2010. In addition, we were provided with some existing Township road information, and we conducted a site visit and attended a Public Meeting on February 23, 2011. Lastly, we participated in a conference call with the proponent on March 3, 2011.

#### C. Review

We offer the following comments with regard to Part B, Section 5 of the Ministry of Environment Renewable Energy Approval Consultation Form. In order to facilitate your review, we have used the same numbering and headings as contained in the Ministry Form. Our comments below are structured as a response to the Ministry.

#### 5.1 Project Location

- 1. The Project Description Report suggests that the project may involve 4 or 5 turbines. We were advised by Tom Lewis from IPC that 5 turbines are proposed. Section 1.6.2 indicates that alternative turbine locations were considered for future sites. If future sites are being considered as part of this application, then the Township requests this information at this time.
- 2. Please clarify the final statement of Section 3.2.2.1 Crossing 4 in the Water Assessment and Impact Report. The Municipality is not clear what "Option 2" refers to.
- 3. The Township understands that turbine location is a complex and site/project dependent process. It is noted that the distance between Turbines 2 and 3 (as shown in Figure No. 4) is 246 metres. At the same time, the Vestas General

Specifications indicate in Section 9.1.3 that "spacing in any case not below three rotor diameters (3D)". This statement suggests the current turbines are placed too close together as per manufacturer specifications. This point was discussed during our conference call with the proponent, where we were advised that detailed calculations have been performed to confirm the placement of the turbines. We point this out because Turbine 3 is located less than 550 metres to the point of reception to the southeast. Any shift to Turbine 3 will correspondingly reduce the separation to this dwelling.

4. The Wind Turbine Specification Report (S 1.2), the Design and Operations Report (S. 3.3), and the Acoustic Assessment Report state that the maximum sound power level of the V-100 turbines is 105 dB(A). However, according to Appendix 1 of the Wind Turbine Specification Report, which is the brochure for the Vesta V-100, the maximum sound power level is 106.5 dB(A) at 11m/s.

The noise consultant should confirm whether the 1.5 dB(A) would impact his modeling results. Specifically I note at least 5 receptors that would potentially exceed the 40 dB(A) maximum as noted below:

- Receptor R118 projected to be at 39.6 dB(A).
- Receptor R118c projected to be at 38.8 dB(A).
- Receptor R118d projected to be at 38.6 dB(A).
- 1 participating receptor PV01 projected to be at 39.1 dB(A).
- Vacant lot V026 projected to be at 38.7 dB(A).
- 5. Details of the maintenance building referred to in Section 2.10 of the Construction Plan Report are requested as required by Table 1 in Regulation 359/09.

#### 5.2 Project Roads

## 5.2.1 Provide comment on the proposed project's plans respecting proposed road access

- 6. Section 1.2 of the Construction Plan Report does not provide any details regarding the proposed construction routes, frequencies, and oversized truck dimensions for construction materials and turbine component delivery. This detail is required by the Township to comment on road and access issues in accordance with Regulation 359/09. We highlight that all reduced load restrictions and timing should be noted and adhered to.
- 7. In order to access Turbine 1, 2 and 3, the Proponent will require access through the currently un-opened road allowance of Sideroad 22, located between Abbey Road and Concession Road 1. A legal agreement between the Township and Proponent will be required to permit access through this right-of-way.
- 8. Turbine 1, Turbine 2, and Turbine 3 are setback 273m, 109m and 266m, respectively from the Sideroad 22 right-of-way. These setbacks adhere to Regulation 359/09 and accordingly are acceptable to the Township.

#### 5.2.2 Identify any Issues and provide recommendations with respect to road access

9. There appears to be a lack of information regarding the project's approach to obtaining municipal consent for use of the Township's road allowances. If the proponent wishes to use municipal lands than the project will need to provide

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- more detail regarding electrical lines and upgrades within the right-of-ways. For example, Section 4.0 of the Water Assessment and Impacts Report does not provide sufficient data for the Township to comment as per regulation 359/09.
- 10. The Township should request that all distribution infrastructure is co-located and buried as a condition of the renewable energy approval.
- 11. The proponent is proposing to use an unopened Township right-of-way. Accordingly, we recommend that all access roads proposed within the Township owned right-of-way be improved as noted below:
  - Establish exact road allowance boundaries for the full construction length of roadway.
  - Grub and remove vegetation as necessary of the entire 20m wide road allowance for the full construction length of roadway.
  - Strip all topsoil and vegetation from the traveled portion (6.5 metres wide) and shoulders (1.5 metres wide on each side) of the roadway (total width 9.5 metres).
  - Prepare sub-base of sultable material for entire 9.5 metre wide roadway.
  - Construct road base consisting of a minimum of 450mm thick layer of compacted granular material (150mm of OPS granular `A' overlying 300mm of OPS granular `B') over the entire 9.5m width (6.5 metres of traveled roadway plus 1.5 meters of shoulders on each side) for full construction length of the roadway.
  - Apply double layer of surface treatment in year one followed by a single layer
    of surface treatment in year two. Surface treatment to consist of HF 150S
    Emulsion as per OPSS 304 and Class1/Class 2 aggregate as per OPSS 304 and
    1001.
  - Install cross and driveway culverts as required.
  - Provide Erosion Control during/following construction. Contact NPCA regarding possible permits or fish habitat protection.
  - Provide and install guard ralls at roadway crossing of water courses or elevated areas.
  - Obtain all necessary permits/approvals from the Region of Niagara in order to make improvements.
  - Supply and Install all signage such as Stop signs, Dead End, speed limits, etc.
- 12. Full geometric design of Sideroad 22 will be required to be submitted to the satisfaction of the Township prior to the Township entering into a right-of-way use agreement with the Proponent to allow access through the Sideroad 22 right-ofway.
- 13. "As-Built" drawings detailing the road layout and location of any proposed infrastructure (i.e. tap lines, culverts, etc.) located within the road allowance will be required to be submitted to the Township.

### 5.2.3 Provide comment on any proposed Traffic Management Plans

- 14. A traffic management plan was not provided as part of the submitted application under Regulation 359/09. The proponent provided a Transportation Survey prepared by Transera which identifies the proposed construction route will utilize the following local roads:
  - Abbey Road for turbines 1, 2, and 3.
  - Concession 1 and Station Road for turbines 4 and 5.

The exceptions are for the base sections that are being transported from Pueblo, CO and concrete trucks that will be dependent on the batch plant location.

The Township requests a copy of the Traffic Management Plan which should not only detail the construction routes above, but also for concrete hauling and all works proposed within the Township rights-of-way. We find the anticipated construction routes are acceptable. However, the noted roads should be monitored during the construction phase and any structural damage incurred as a result of heavy vehicle traffic will be required to be remediated to the satisfaction of the Township. The Proponent will be responsible for all costs associated with this remediation. These details, as well as securities to cover the potential costs associated with any remedial works should be laid out in the rightof-way use agreement

### 5.2.4 Identify any issues and provide recommendation with respect to the proposed Traffic Management Plans

- 15. Comments regarding the required Traffic Management Plans will be provided once received by the Township. We highlight the following requirements:
  - Traffic signing shall be in accordance with Book 7 of the Ontario Traffic Manual - Temporary Conditions.
  - Access for emergency vehicles must be maintained at all times. This must be noted as a requirement in the Traffic Management Plan.

#### 5.3 Municipal or Local Authority Connections

- 5.3.1 Provide Comment on the proposed project plans related to the location of and type of municipal service connections, other than roads
  - 16. There is no Township owned municipal service connections planned as part of the development proposal.
- 5.3.2 Identify any Issues and provide recommendations with respect to the type of municipal service connections, other than roads
- 5.4 **Facility Other**

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- identify any issues and recommendations with respect to the proposed landscaping design for the facility
- 5.4.2 Provide comment on the proposed project plans for emergency management procedures/safety protocols

**Read Office:** 

- 17. Section 1.6.5 discusses the proposed use of the Maintenance Building. Details are requested with respect to the characteristics and quantities of hazardous materials to be stored within the building and on the surrounding lands.
- 18. Section 5.11 of the Vestas General Specifications indicates that the only form of fire protection for each turbine is a 5 kg fire extinguisher and fire blanket (this level of protection could be compared to an average home let alone a multi-million dollar turbine). In the context of a rural fire department with limited resources, confirmation that these tools are sufficient to avoid catastrophic fire is requested. Research suggests that fire is the second most common accident cause and that there have been approximately 150 fires to date associated with wind energy projects.<sup>1</sup>
- 19. There is no reference in the Design and Operations Report to icing conditions and measures to reduce the incidence of ice throw. The Township is fully aware that turbines monitor ice formation through blade imbalance, however, it is documented that this detection system fails to shut the turbine down before ice can form and possibly be thrown. The Township requests that the Project's safety protocol be expanded to include procedures for icing conditions (i.e. shut down and start-up procedures, public notice, etc.) in addition to installation of an Ice Monitoring Sensor that shut down the turbine during potential icing conditions, before ice forms on the blades. This is a precautionary rather than reactionary safety system. This requirement should be noted in the Emergency Management Plan.
- 20. The Township requests that the Emergency Management Plan include the requirement that detailed maintenance logs, certified by a qualified individual, be filed annually with the Ministry to ensure on-going long-term maintenance of the turbines. The purpose of filing these logs is to ensure the long-term operation of the turbines follows the manufactures specifications and requirements.
- 21. There are sky diving operations in the vicinity of the project associated with the nearby location of the Port Colborne airport. The Township respects the air safety protocols of Transport Canada, however there are legitimate safety concerns as a result of sky diving activities not subject to Transport Canada protocols. Any existing skydiving operation in the vicinity of the subject site must be considered fully for compatibility when siting the project. Section 5.5.1 of the Environmental Effects Monitoring Plan does not appear to consider nearby skydiving activities.

# 5.4.3 Identify any Issues and recommendations with respect to the proposed emergency management procedures/safety protocols

22. The Township feels that the project would benefit from a Community Relations Committee established during the operation of the project. This Committee could meet as required and include representatives from the Township, Community and Proponent to effectively deal with any arising operational issues or complaints and provide an effective conduit of information resulting from the communications plan referred to in Section 5.0 of the Design and Operations Report. Examples of items to discuss include any safety Issues, noise concerns, maintenance activities etc. We also recommend that a Dispute Resolution Protocol be established so residents are aware of exactly how concerns etc. will be handled.

www.caithnesswindfarms.co.uk

- 5.4.4 Identify any issues and recommendations with respect to any Easement or Restrictive Covenants associated with the Project Location
  - 23. The Township was unable to find any details regarding what easements and/or restrictive covenants may be required for the project. Additional detail is requested.

### 5.5 Project Construction

- 5.5.1 Identify any issues and recommendations with respect to the proposed rehabilitation of any temporary disturbance areas and any municipal or local authority infrastructure that could be damaged during construction
  - 24. The Township does not consider the stabilization of erosion prone areas to be discretionary as presented in Section 4.3 of the Construction Plan Report. The Township requests that erosion and sedimentation plans be prepared and submitted for Township and Agency review prior to commencement of site alteration in order to protect surface water quality and natural heritage characteristics.
  - 25. Any disturbed or damaged areas (within a Township owned right-of-way) resulting from the construction or continued maintenance of the proposed turbines shall be required to be reinstated by the Proponent to its original condition or better to the satisfaction of the Township.
  - 26. The Township requests that a letter of credit be posted in the amount of 100% of the cost of the works plus contingency proposed on the Township right-of-way. The posted security will be reduced once the work is completed and final approval of the as-built plans occurs.
  - The Township requests that the proponent enter into an agreement respecting the use of municipal property.
- 5.5.2 Identify any issues and recommendations with respect to the proposed location of fire hydrants and connections to existing drainage, water works and sanitary sewers
- 5.5.3 Identify any issues and recommendations with respect to the proposed location of buried klosks and above grade utility vaults
  - 28. "As Bullt" information will be required to be submitted to the Township detailing the location and depths of any buried kiosks and above grade utility vaults located with a Township owned right-of-way.
- 5.5.4 Identify any issues and recommendations with respect to the proposed location of existing and proposed gas and electricity lines
  - 29. Sections 2.5 and 2.6 of the Construction Plan Report require clarification about details of the collector system and whether it is to be above or below grade. Details are also requested regarding where above ground transmission facilities will be located, whether they will be new facilities or co-located, and what Hydro One

distribution lines will have to be connected. This information is required to determine use of the municipal right-of-way.

# 5.5.5 Provide comment on the proposed project plans with respect to Building Code permits and licenses

30. Permits will be required under the Building Code Act. The Proponent will be responsible to ensure all appropriate submissions are provided to the Building Department.

# 5.5.6 Identify any issues and recommendations related to the identification of any significant natural features and water bodies within the municipality or territory

- 31. The Township is concerned with the potential impacts on the ecological connections of the two Provincially Significant Wetlands located east and west of Turbines 4 and 5. The Environmental Impact Statement does not specifically assess this, other than listing some generic information in Section 3.2.8. The connectivity of these wetlands may be enhanced by the presence of the Casey Drain which is less than 100 metres away from Turbine 4. Specific attention to this issue is requested.
- 32. The Township requests that a detailed vegetation and tree removal plan be provided that identifies all vegetation and tree removal impacts. This Plan should include both private and municipal property. The Township notes that the proponent is proposing the use of municipal property without the benefit of knowing what physical alteration and tree removal will be required. We were informed by the proponent that this information would be provided later, but this is unacceptable as the impacts to the Township must be assessed at the beginning and not the end of the planning process.

The Township also notes that the Construction Plan Report does not appear to reference the Bird Migration Act and the restrictions for tree removal during the nesting season.

- 33. Schedules B and Appendix 1 of the Township Official Plan Identify the extent of Environmental Protection Areas to the north east of Turbines 2 and 3 that are inconsistent with the mapping provided by the proponent. Specifically, the Official Plan Identifies a evaluated wetlands that are not contained on the proponents mapping. In addition, Appendix 1 indicates that important fish habitat is contained within the watercourse to the east of Turbine 1 and north of Turbines 2 and 3.
- 34. Appendix 4 of the Township official Plan Identifies that the area proposed for Turbines 4 and 5 are located in an area of High Aquifer Vulnerability. This does not appear to have been considered or addressed in the Water Assessment or the Environmental Impact Statement Report. The Township requests further analysis to confirm that the location of the turbines is appropriate in this context.
- 35. We note that Table 1 of the Project Description Report Indicates that "typically" large quantities of toxic or hazardous materials are not stored. It is noted that Appendix 1 provides the technical information of the Vestas V100 turbine and that this information indicates that the quantity of oil for the Hydraulic System alone is 260 liters. There is likely to be quantities of other fluids hazardous to the environment and local hydrologic features. These fluids may be associated with

- the gearbox and VCUS cooling systems (refer to Section 6.1 of the Vestas General Specifications). We note that the cooling systems utilize glycol which is a potential contaminant. Clarification is also requested regarding the use of glycol for blade balancing (as in other turbine models).
- 36. Section 3.1.1 of the Environmental Effects Monitoring Plan indicates that inspections for leaks of fluid will only occur twice per year as part of the regular turbine maintenance. A more frequent visual inspection process (in conjunction with the avian monitoring surveys) would help minimize the potential for turbine fluid leaks into the environment. On-site signage directing the public to the Ministry of the Environment if spills are observed would be appropriate.
- 37. The conclusions reached in Section 4.1 of the Environmental Effects Monitoring Plan appear to rely significantly on the project being located outside of any required 120 meter setbacks. Simply stating adherence to the setback requirements as an appropriate mitigation response to avian activity may not be sufficient from a wider natural heritage system perspective.
- 38. The mitigation measures outlined in Section 4.1 of the Environmental Effects Monitoring Plan contradicts previous information in Table 1-D of the Construction Plan Report. It would appear that construction is taking place during months that the Environmental Effects Monitoring Plan indicates that no construction will take place. This comment also applies to Table 1.0 of the Water Assessment and impacts Report that recommends no construction during other various times.
- 39. The documents appear to assume that Sideroad 22 is already paved. This is not the case and therefore information is required regarding the detail, impacts and mitigation measures associated with improving Side Road 22. In addition, the presence of a drainage ditch (possibly intermittent) along Sideroad 22 does not appear to be considered in the Water Assessment and Impacts Report.
- 40. It is not clear and there is no evidence that the Environmental Effects Monitoring Plan has been prepared in accordance with Clause 23.1 of Regulation 359/09. Reference to the applicable Ministry of Natural Resources documents would assist with the Township review.
- 41. Section 3.2 of the Natural Heritage Assessment Report indicates the presence of Tundra Swans ("regularly used") and a relatively uniform distribution of birds across the study area. Section 3.2 (page 10) goes on to say that no waterfowl stopover and staging areas were found within 120 meters of project works. It is unclear how this conclusion was reached. Further adding to the uncertainty is Section 5.1 that states that one proposed turbine is within 120 meters of a waterfowl staging and stopover area.
- 42. Referring to the stop over area in Section 8 above, no mitigation measures are found in the Natural Heritage Assessment Report.
- 43. It is requested that the timing constraints suggested for the Wild Turkey wintering range be included with the revised construction table and reflective of other timing limitations already imposed by other constraints.
- 44. Clause 26(3) of Regulation 359/09 stipulates that the name and qualifications of the person conducting the site investigation be included in the report. The Township was not able to find this information.

Form 11 Rev 2

#### 5.5.7 Identify any Issues and recommendations related to the identification any archaeological resource or heritage resource

45. We understand that Clause 16(6) of Ontario Regulation 359/09 does not require the applicant to provide the Township with a copy of the Consultation Report, however, the Township would appreciate this information in order to fully comment with respect to archeological and heritage resource matters.

### General Comments regarding Renewable Energy Approval

The following comments are in addition to those specifically identified through the consultation form topics discussed above. The Municipality considers these comments relevant in the context of Ontario Regulation 359/09.

- 1. The project documentation makes no reference to the land use impact of shadow flicker and the potential to site the project to minimize this effect. Shadow flicker is a real and legitimate nuisance recognized by jurisdictions throughout the world. For the well being of its residents, the Township requests that the project's location and siting minimize the impact of shadow flicker. In particular, it would appear that Turbine 3 has the potential to have significant shadow flicker impacts on residents in the vicinity of Station Road and Concession Road 1. Industry best practices are to limit shadow flicker to a maximum of 30 hours per year and 30 minutes per day.
- 2. The Township requests that securities be posted to ensure decommissioning if a turbines is not operational for a period greater than one year.
- 3. A number of wind turbine developers in the Province have entered into an agreement to provide monies based on nameplate generating capacity (a dollar amount per megawatt). We recommend that the Township enter into discussions with the Proponent to see if they are willing to make such a contribution.

#### D. **Conclusions**

Our review of the Wainfleet Wind Energy Project has concluded that additional technical information is required in the general areas of location, access, right-of-way use, traffic management, emergency management, construction, and natural heritage impacts. The Township requests that the proponent review the items noted in this letter and provide additional technical information.

We would be pleased to discuss the contents of this letter in further detail.

Sincerely,

THE JONES CONSULTING GROUP LTD.

Ray Duhamel, M.C.P. MCIP, RPP

Partner

R. John Lackey, P. En **PartY**er



# PUBLIC WORKS DEPARTMENT Development Services Division

2201 St. David's Road, P.O. Box 1042 Thorold, ON L2V 4T7 Tel: 905-685-4225 Toll-free:1-800-263-7215

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March 4, 2011

File: D.20.10.OTH-01510

Mr. Grant Munday Manager of Planning Township of Wainfleet 31940 Highway 3 P.O. Box 40 Wainfleet, ON LOS 1V0 TOWNSHIP OF WAINFLEET

Dear Mr. Munday:

Re: Review of Wainfleet Wind Energy Project

Municipal Consultation Township of Wainfleet

Regional staff has reviewed the above noted proposal as it relates to the use of the Regional ROW for the proposed construction of the turbines and the use of the ROW for transmission lines. We have attached a copy of the Municipal Consultation Form that outlines Regional requirements for the proposed renewable energy project.

It should be noted that the Region will also be submitting comments on this proposal as well. These comments will be in addition to the comments provided to the Township.

If you have any questions or wish to discuss these comments, please contact Mark Johnson, Planner, or Don Campbell, Manager, Development Initiatives.

Yours truly,

Mark Johnson

mark g

Planner

MJ/

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## Part B: TO BE COMPLETED BY THE MUNICIPALITY OR LOCAL AUTHORITY

## Section 5: Consultation Requirement

## 5.1 Project Location Provide comment on the project location with respect to infrastructure and servicing. There are no watermains or sanitary sewers in the project area. Transportation of the turbines shall be via Regional Road 3 (Concession 1 Road and Station Road). 5.2 Project Roads Provide comment on the proposed project's plans respecting proposed road access. Access to the Turbines 4 and 5 are from Regional Road 3 (Station Road). Turbine 4 is setback 175 metres from Regional Road 3 and Turbine 5 is setback 98 metres from Regional Road 3. Identify any issues and provide recommendations with respect to road access. We will require a Regional Entrance Permit. The geometric design for accesses onto Regional Road 3, for Turbines 4 and 5, must be reviewed and approved prior to any application for Regional permits. Any geotechnical survey involving bore-holes on a Regional Road requires a Regional Construction Encroachment Permit. Provide comment on any proposed Traffic Management Plans A Traffic Management Plan was not provided with the proposal. If any Traffic Management Plan is required, it will have to be reviewed by Regional staff for approval. The developer should note the following requirements for the Regional Roads: Regional Oversized Load Permit for travelling on the Regional Road, Regional Construction Encroachment Permit for the temporary road path at the intersection of Concession 1 Road and Station Road. Identify any issues and provide recommendations with respect to the proposed Traffic Management Plans To be provided at time of any Traffic Management Plan. 5.3 Municipal or Local authority Service Connections Provide comment on the proposed project plans related to the location of and type of municipal service connections, other than roads. N/A

Identify any issues and provide recommendations with respect to the type of municipal service connections, other than roads.

N/A

### 5.4 Facility Other

Identify any issues and recommendations with respect to the proposed landscaping design for the facility.

No landscaping within Regional Road allowance (Turbines 4 and 5).

Provide comment on the proposed project plans for emergency management procedures / safety protocols.

Information to be provided by the Region.

Identify any issues and recommendations with respect to the proposed emergency management procedures / safety protocols.

Information to be provided by the Region.

Identify any issues and recommendations with respect to any Easements or Restrictive Covenants associated with the Project Location.

No Comment

### 5.5 Project Construction

Identify any issues and recommendations with respect to the proposed rehabilitation of any temporary disturbance areas and any municipal or local authority infrastructure that could be damaged during construction.

The temporary turning radius at Concession 1 Road and Station Road are to be removed after the transportation of the turbines and the road allowance is restored to its original condition.

Identify any issues and recommendations with respect to the proposed location of fire hydrants and connections to existing drainage, water works and sanitary sewers.

No Comment

Identify any issues and recommendations with respect to the proposed location of buried kiosks and above-grade utility vaults.

The transmission line, if it is proposed to be within Regional Road 3, will require a legal agreement with Niagara Region. Any proposed structures should be located a minimum of 6 metres from the edge of the Regional Road (i.e. any new underground cabling). It would appear that the existing electrical services are predominantly within the west side of Station Road. We would recommend that any future services, including tap line, remain on the west side in order to accommodate the 6 metre setback and join with the other turbines. Any new infrastructure located on the Regional Road allowance will require that Regional staff receive as-built drawings for our own locate records. Any transmission lines may follow existing poles given the approval of the public utility. It should be noted that the developer will be responsible for costs associated with any future relocation of the existing poles (with transmission/tap line).

Identify any issues and recommendation with respect to the proposed location of existing and proposed gas and electricity lines and connections.

The transmission lines from Turbines 4 and 5, if so designed, should cross under the road to reach the main tap line on the west side.

Provide comment on the proposed project plans with respect to Building Code permits and licenses.

N/A

Identify any issues and recommendations related to the identification of any significant natural features and water bodies within the municipality or territory.

Information to be provided by the Region.

Identify any issues and recommendations related to the identification of any archaeological resource or heritage resource.

Information to be provided by the Region.

### ATTACHMENT 3



250 Thorold Road West, 3rd Floor, Welland, Ontario L3C 3W2 Telephone 905.788.3135 | Facsimile 905.788.1121 | www.npca.ca

April 7, 2011

File No. MPR 10.16.1

Township of Wainfleet 19M43 Hwy #3, P.O. Box 40 Wainfleet, Ontario L0S 1V0

Attn: Mr. Grant Munday, Manager of Planning

Subject:

**Draft REA Package** 

**Wainfleet Wind Energy Project** 

**Township of Wainfleet** 

Thank you for the opportunity to provide comments on the Wainfleet Wind Energy Project. The Conservation Authority has reviewed the Draft REA and offers the following for your information.

Upon review of the Wainfleet Wind Energy Project Area map by IPC Energy (version 4, dated August 27, 2010) the Authority notes the following;

It appears that Turbines #1, #2, and #3 are located on cleared lands previously used for agricultural uses. These properties are located adjacent to C.S.W. Municipal Drain #9 and C.S.W. Municipal Drain #13. The Authority's current regulations do not permit development within floodplain areas. We currently do not have engineered floodplain mapping for the subject property. In the absence of floodplain mapping, our regulations state that the applicant may be required to hire an engineer to generate the flood lines on the property at their expense (if the Authority has a flooding concern) if future development is proposed near the watercourse. Should any work be proposed in or around the watercourse (i.e. road access, crossings etc.), a work permit may be required from the Conservation Authority in accordance with the Regulation of Development, Interference with Wetlands and Alterations to Shoreline and Watercourses" (O. Reg. 155/06).

C.S.W. Municipal Drain #9 is an Unclassified Fish Habitat; where as C.S.W. Municipal Drain #13 is classified as a Type 2-Important Fish Habitat by the Ministry of Natural Resources. As such, a development setback buffer of 15m measured from the edge of the watercourse is required for all new development and site alterations. It should also be noted that the Conservation Authority has entered into an agreement with the Federal Department of Fisheries and Oceans to undertake proposal screening for that agency. Accordingly, projects involving work in or near water courses which may have the potential to cause a harmful alteration, disruption, or destruction to fish habitat (HADD) are referred to DFO for their review and approval prior to approvals being issued by the Conservation Authority. The Conservation Authority also acts as contact agency in this regard.

Further, the parcel that Turbines #4 and #5 are to be located is traversed by the Casey Municipal Drain West Branch. This municipal drain is also classified as a Type 2-Important Fish Habitat. As such, the Authority's Regulations noted above would also apply to this site. The Authority notes that the location of these two turbines is in close proximity to Provincially Significant Wetlands associated with the Lowbanks Backshore Wetland Complex located on the subject property as well as to the west side of Station Road.

As such, the Township may wish to consider contacting the Ontario Ministry of Natural Resources (MNR) for comments on the proposed development with respect to the Provincially Significant Wetlands, and to ensure compliance with the MNR's Natural Heritage Assessment Guide for Renewable Energy Projects (December 2010). The Authority notes that this guide generally prohibits development within Provincially Significant Wetlands; however development may be permitted within the 120 metre buffer with the completion of an EIS. Please note that the MNR will also be able to comment on issues related bird migration and tree removal during nesting season, minimizing environmental effects, as well as any Species at Risk concerns, etc.

Authority Staff have briefly revived the "Environmental Impact Statement Report" completed by Morrison Hershfield (dated September 2010) submitted in support of this application. Staff note that all mitigation measures as outlined in the report should be adhered to in order to minimize the environmental effects of this development. The EIS also identified treed areas/woodlands on the subject properties and offered mitigation measures to be followed during construction. However, the Authority Staff note that any tree removal on the subject properties will be subject to the Region of Niagara's Tree and Forest Conservation By-law as administered by the Conservation Authority. As such, all detailed drawings and/or tree preservation/saving plans shall be circulated to our office review and comment.

The Authority notes that in their correspondence, both Jones Consulting Group and the Region of Niagara have advised the Township that the area proposed for Turbines 4 & 5 is located within an area of High Aquifer Vulnerability. The Authority's Hydrogeologist/Engineer has considered this proposal and notes that there are no specific policies regarding Source Water Protection for this type of development. Staff would however, recommend that the Aquifer be protected during construction. For further information regarding Source Water Protection, feel free to contact the Authority's Hydrogeologist Mr. Jayme Campbell at ext. 261.

To conclude, the subject lands for the proposed development contain areas that are Regulated by the Conservation Authority. As such, works within the Regulated areas such as watercourse crossings, Tap Line or Distribution lines, development within unopened road allowances, etc. will be subject to the Authority's Regulations and will likely require a work permit from our office. As such, the NPCA would like to receive all future correspondence including, updated mapping, information, final design drawings, as well as notice of future public meetings etc. on the Wainfleet Wind Energy Project.

Trusting the above information is satisfactory, feel free to contact our office if you have any further questions in this matter.

Yours-Truly,

CC.

Lindsay Earl, MES Watershed Planner

Mr. Mark Johnson, Planner, Region of Niagara

#### **ATTACHMENT 4**

Comments by the Fire Chief on the consultant's Report for the Proposed Wind Energy Project

To Grant Munday: Planner

Grant in reviewing the document you supplied me from the consultant I have a number of concerns

- 1) Starting with the traffic management plans At the bottom of section 15 providing access for emergency Vehicles at all times but also that once the units are in operation not only access must be maintained but also an area large enough to place multiple pieces of emergency equipment and room to turn them around.
- 2) The next point in this consultant's report under section 5.4.2 regarding fire protection and prevention there is mention of a 5KG fire extinguisher and a fire blanket. These items may provide a single person short term emergency protection working in that confined space but in no way provides the fire department any plan or solution to extinguish a fire while the units are operating. Due to the height and confined space our fire department would not be able to extinguish a fire in these units on a conventional basis. An inquiry was made to the Office of the Fire Marshal fire safety standards branch if they had any minimum standards for fire protection for these units. Surprisingly their response was that presently there were not any minimum standards and I was referred to an article they have published on the subject in which to date common practice is to let them burn themselves out prevent any secondary fires that may be caused either by falling debris or sparks ect . In this article any fire prevention or suppression issues are strictly voluntary. In my opinion some kind of method should be facilitated to extinguish a fire once they are in operation whether it is an automatic suppression system similar to what is found in commercial kitchens and hood systems or a dry pipe system. The automatic suppression system is one which activates when the temperature gets hot enough to melt a fusible link which once melted activates the system. The dry pipe system would entail a riser pipe be installed to the top with distribution heads that the fire department could pump into and apply foam into the entire area which I believe would be most effective to extinguish the large amounts of lubricating oil in the affected area . Testing would have to be done to see if our pumper could do this effectively. It is only my opinion but the latter of the two I believe would be the most effective. These Items can only be put forth as a recommendation and cannot be ordered as there are no set standards under the Ontario Fire Code to which I can hold them to for enforcement. The fire Blanket and extinguisher are bare minimums for escape and very short term protection but in no way offer anything thing in respiratory protection from the smoke or extreme heat that would be developed as the fire intensifies.

Comments by the Fire Chief on the consultant's Report for the Proposed Wind Energy Project

- 3) My next area of concern is regarding the removal of workers who could possibly be injured or incapacitated during maintenance operations. I would like to see a detailed rescue plan on how these people would be handled and the backup measures that would be in place if the initial plan fails. It should also be Identified the exact role emergency services would be expected to play not only for Fire but for EMS
- 4) In section 5.4.2 item 21 regarding the sky divers at Burnaby airport and the transport Canada acknowledging that transport Canada has no authority over the placement of these towers because of their placement they do not interfere with the runway they do enforce a no fly zone to insure planes do not inadvertently fly through and put divers at risk. It is my belief that the towers should be regarded in the same manner as the hazard of a small plane entering this air space, and a contingency plan should be put together by the tower owners for the rescue of any parachutist who could possibly become entangled in the 2 towers on Station rd. The Wainfleet fire department does not have the capabilities to execute this kind of rescue operation and to my knowledge the Niagara Falls fire department is the only department in the region that could possibly facilitate this kind of rescue. In initial conversations with one their deputy chiefs our present mutual aid system would not accommodate this type of rescue and we would have to enter into an automatic aid agreement where in they would be asked to respond and execute the rescue and costs would be borne by this municipality thus impacting the township.

These are the issues I presently see and when more information becomes available I would like the opportunity to get further clarification on these issues others that may arise from that information

Chris Cole Chief Wainfleet Fire & Emergency Services

29/03/2011

#### ATTACHMENT 5



### THE CORPORATION OF THE TOWNSHIP OF WAINFLEET

### **PUBLIC MEETING MINUTES**

#### WAINFLEET WIND ENERGY INC.

Minutes of the Public Meeting held in the Wainfleet Council Chambers located at 31940 Highway #3, Wainfleet, on Wednesday, February 23<sup>rd</sup>, 2011 at 7:00 p.m.

PRESENT: A. Jeffs, R. Dykstra, T. Hessels, B. Konc, D. Wyatt

STAFF PRESENT: R. Madere, G. Munday

1. CALL TO ORDER

2. DISCLOSURE OF PECUNIARY INTEREST AND THE GENERAL NATURE THEREOF There were no disclosures of pecuniary interest noted by members of Council.

### 3. PURPOSE OF THE MEETING

Mayor Jeffs opened the public meeting by summarizing the purpose of the meeting as follows:

Pursuant to Section 4.6.3.1 of the Recommended New Official Plan for the Township of Wainfleet (approved by Council on September 14, 2010), the Township shall hold a public information meeting to assist in providing input to the municipal consultation component of the Renewable Energy Approval process.

Under Ontario Regulation 359/09 "Renewable Energy Approval" the Township is required to review the Draft Renewable Energy Approval (REA) package and complete the Municipal Consultation Form. The purpose of this public meeting is to provide an opportunity for the public to provide input into the matters covered under the Municipal Consultation Form. The Municipal Consultation Form requests comments from the Township on the use of municipal lands and infrastructure, landscaping, emergency management procedures, and building permit requirements as they relate to the proposed Wainfleet Wind Energy Project.

## 4. REQUEST FOR COMMENT, QUESTIONS, INPUT FROM ANYONE IN ATTENDANCE

Mayor Jeffs requested input and comment from anyone in attendance pertaining to the Municipal Consulting Form.

The following was offered:

### Ray Duhamel of Jones Consulting, 229 Mapleview Drive, Barrie, ON

Jones Consulting will be undertaking a review of the Draft Renewable Energy Package submitted by IPC Energy Inc. and assist the Township in completing the Municipal Consultation Form. The purpose of tonight's meeting is to hear comments from the public regarding the items covered under the Municipal Consultation Form.

### Andrew Watts, 10810 Rathfon Road, Wainfleet, ON

Mr. Watts expressed opposition to wind turbines. He is of the opinion that the proponent should cover all costs incurred by the Township. Mr. Watts also expressed concern over how an emergency situation involving a wind turbine would be handled. He indicate that the Ontario Governments rules regarding wind turbines are a joke.

### Tom LaFortune, 32508 Daley Ditch Road, Wainfleet, ON

Mr. LaFortune believes the turbines are unsightly and will cause surrounding property values to decrease. He also believes the turbines will detract from the rural farming community.

### Lee Bott, 11775 Lakeshore Road, Wainfleet, ON

Mrs. Bott is of the opinion that the topic of wind turbines is tearing apart the community and that the peaceful, rural nature of the community is being taken away. Mrs. Bott informed those in attendance that Denmark has halted the development of wind turbines due to opposition from its citizens. She also stated that the noise of the wind turbines is audible up to four miles away from the turbine. Mrs. Bott also had concerns about the build-up of debris (i.e. insects, ice) that may become dangerous. She concluded stating that a study conducted in Lincoln, IL revealed impacts from wind turbines.

### Alderman Ted Hessels, 73272 Robertson Road, Wainfleet, ON

Alderman Hessels raised questions concerning the maintenance costs of unopened road allowances on which some turbines may be located. He also expressed concern over emergency response to fires at the turbines since there are no fire hydrants in the Township. Alderman Hessels also questioned zoning restrictions.

Mr. Grant Munday, Manager of Planning, informed Alderman Hessels that the Fire Chief is currently reviewing emergency management procedures in reference to wind turbines. Any person proposing to erect a wind turbine must apply for a building permit. As for road maintenance, an engineer will be hired to evaluate the condition of the road prior to and after completion of the construction. The long term maintenance of the new road could be negotiated with the proponent.

### Tim McCormick, 12284 Brawn Road, Wainfleet, ON

Mr. McCormick questioned whether the turbines would be easily transported into the Township and whether the Township's roadways would be able to support the transportation of the turbines.

### Alderman Richard Dykstra, 41558 Forks Road, Wainfleet, ON

Alderman Dykstra inquired whether it mattered if a wind turbine was being located on a parcel of land that had an "Agricultural Purposes Only" zoning restriction. Mr. Munday explained that the Green Energy Act exempts green energy proposals from the Planning Act including the Official Plan and Zoning By-law. Mr. Munday further explained for the benefit of the public that an APO zoning restriction means that the property may be used for Agricultural Purposes Only.

### Jack Cassell, 22029 Side Road 20, Wainfleet, ON

Mr. Cassell is concerned with the health of his family since his home is located close to a proposed wind turbine site. He has reviewed the Province's studies on the health effects of wind turbines; however, he is concerned they are out-of-date. Mr. Cassell is also concerned about a possible reduction in the value of properties surrounding the proposed wind turbine sites.

Mayor Jeffs requested clarification from Mr. Duhamel as to the role of Council in the matter. Mr. Duhamel state that the municipality must comment on the Municipal Consultation Form. The issue is not to decide whether to endorse the wind turbine development. The municipality is being asked to provide comments to the Province, not to give approval of the project.

### Dan Augustine, 12092 Augustine Road, Wainfleet, ON

Mr. Augustine summarized a list of ten reasons why he is supportive of wind energy development. Some reasons include: the technology has been around for hundreds of years and proven effective; the land used for the wind turbine can also be used for farming; and, job creation to name a few.

### Andrew Watts, 10810 Rathfon Road, Wainfleet, ON

Mr. Watts spoke to the current energy demand and the amount of energy wind power generates. He also outlined reasons why the structures are not "green" (i.e. not made from "green" materials; unsustainable and unreliable since if there is not enough wind, the structures do not produce enough energy).

### Lewis Shedden, 44149 Buckner Road, Wainfleet, ON

Mr. Shedden expressed concerns with the effects the wind turbines will have on the local animal life. He suggested smaller wind turbines to reduce harmful effects on surrounding environment and that they not be located in core natural areas.

### Duncan MacFarlane, 190 Division Street, Welland, ON

Mr. MacFarlane is the legal counsel of Skydive Burnaby. He will be making a delegation to Council at the March 8<sup>th</sup>, 2011 meeting. His client's position is that the location of the turbines is in line of their aircrafts' take off path (the safest distance is 4 km; however, these turbines are within 1.8 km). Mr. MacFarlane stated that wind turbines create a vortex that affects low flying aircraft downwind. He wondered why the Province would stop wind turbines from being erected in bodies of water where there are no persons and not on land where there are many people.

### Bernie Cusack, 11441 Morgans Point Road, Wainfleet, ON

Mr. Cusack is concerned with the impact the wind turbines will have on the established business of Skydive Burnaby. He believes the community's taxes are subsidizing the cost of energy production.

### Bruce Bryan, 11813 Side Road 18, Wainfleet, ON

Mr. Bryan was in agreement with the previous speakers. He indicated that he was concerned about the noise the turbines will make. He pointed to the Mohawk Point Wind Turbines and the noise that they make.

### Norma Bird, 11754 Lakeshore Road, Wainfleet, ON

Mr. Bird responded to comments made concerning noise levels emanating from wind turbines in the area. She suggested that the noise levels may be an indication of the equipment being in need of maintenance or repair. Mrs. Bird recommended that the residents within the vicinity of a wind turbine be provided with an emergency contact should noises start to occur.

## Alderman Betty Konc, 831 Highway #3, Port Colborne, ON

Alderman Konc requested Mr. Munday to inform the gallery who IPC Energy is. Mr. Munday stated that IPC Energy is a company hired by Wainfleet Wind Energy Project Inc. The project is presently at the study and consultation stage and is still required to hold their own public meeting prior to seeking approval from the Province.

## Andrew Watts, 10810 Rathfon Road, Wainfleet, ON

Mr. Watts questioned why wind turbines must be erected before they are not proved to be detrimental to the environment.

### Terry Maxner, 11985 Augustine Road, Wainfleet, ON

Mr. Maxner visited the Mowhawk Point site where there are presently wind turbines erected and stated they make a significant amount of noise. He informed Council that he has picked up skydivers at that location in the past as well as at the locations for the proposed wind turbines.

### Frank Hintenberger, 12188 Gallinger Street, Wainfleet, ON

Mr. Hintenberger stated that the proposed wind turbines will be located near his home. He is concerned about the effects the wind turbines will have on his family as well as his view of the surrounding area. He is also concerned because of the negative impacts that research seems to show.

### Neil Switzer, West Lincoln, ON

Mr. Switzer informed those in attendance that the Township of West Lincoln has passed a moratorium on wind turbine development. He acknowledged that the issue is complex and that the turbines are a feat of engineering; however, the development of wind turbines comes down to values. Mr. Switzer provided Council with an information package which contained economic studies regarding the actual economic benefits of the wind industry.

### Marilyn Gracey, West Lincoln, ON

Ms. Gracey stated there are problems with stray voltage and vibration from wind turbines. One of her concerns is the size of the hole that must be excavated for a wind turbine foundation and what impact that has on the water table.

### Tom Game, 12039 Augustine Road, Wainfleet, ON

Mr. Game encouraged Council to pass the moratorium. He also said there is a gas well on his property that may be affected by the erection of wind turbines.

### Lee Bott, 11775 Lakeshore Road, Wainfleet, ON

Mrs. Bott informed Council of an article she read in which a farmer's livestock developed health problems within one year of a wind turbine being erected in the area.

### Alderman David Wyatt, 53024 Perry Road, Wainfleet, ON

Alderman Wyatt thanked everyone who attended and provided input. He clarified that he is not against green energy but rather this specific type of energy – wind energy.

### Frank Hintenberger, 12188 Gallinger Street, Wainfleet, ON

Mr. Hintenberger stated the wind turbine developers are only concerned for themselves.

### 5. CLOSING

Mayor April Jeffs thanked all for attending the meeting.

Mr. Munday informed the gallery that the entire Draft Renewable Energy package is available at the Township Municipal Office, the Library and online.

### Resolution No. C-057-2011

Moved by April Jeffs Seconded by Ted Hessels

"THAT the public meeting be adjourned."

CARRIED.

The public meeting adjourned at 8:41 p.m.

A. Jeffs, MAYOR

C. S. Luey, ACTING CLERK

### **Britney Pringle**

From: Grant Munday [planning@wainfleet.ca]
Sent: Wednesday, April 27, 2011 12:51 PM

To: Jonathan Veale

Cc: Britney Pringle; Tom Lewis; john@ipcenergy.ca; Terry Hawrysh

**Subject:** RE: Wainfleet Wind Energy Project Draft Renewable Energy Approval Package (Project No.

1104036) - Municipal Consultation

### Thanks Jonathan,

I'm looking forward to the receipt of your final draft REA package.

Sincerely,

Grant Munday Manager of Planning Township of Wainfleet 31940 Highway 3 P.O. Box 40 Wainfleet, ON LOS 1V0 Ph. (905) 899-3463, Ext. 225 Fax. (905) 899-2340 www.wainfleet.ca

#### The Township of Wainfleet Confidentiality Notice

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**From:** Jonathan Veale [mailto:JVeale@morrisonhershfield.com]

**Sent:** Wednesday, April 27, 2011 12:47 PM

**To:** Grant Munday

Cc: Britney Pringle; Tom Lewis; John Andrews (john@ipcenergy.ca); Terry Hawrysh

Subject: FW: Wainfleet Wind Energy Project Draft Renewable Energy Approval Package (Project No. 1104036) -

**Municipal Consultation** 

#### Grant.

Thank-you for providing us with the completed Municipal Consultation Form. We will include your letter, form, and comments in the final draft REA package, which will be available to the Township in the near future. Also, changes and revisions that have arisen from your comments will be reflected in the final draft REA package. This will be available 60-days before the final Public Open House. A date for this event has not yet been set as we are awaiting MNR confirmation of the Natural Heritage Assessment.

I believe that you are in receipt of a letter outlining how we intend to address your comments in the next version of the REA package (i.e. the final draft REA package).

Please contact me if you should have any further comments. Thank-you again.

Jonathan Veale Environmental Planner jveale@morrisonhershfield.com



From: Grant Munday [mailto:planning@wainfleet.ca]

Sent: April-18-11 1:02 PM

To: REAeSubmission@ontario.ca; Tom Lewis

Cc: Council Members; Scott Luey; learl@npca.ca; Chris Cole; Greg Wuisman; Robyn Madere; Johnson, Mark

Subject: Wainfleet Wind Energy Project Draft Renewable Energy Approval Package (Project No. 1104036) - Municipal

Consultation

Please find attached the Township of Wainfleet Comments concerning the Wainfleet Wind Energy Project (Project No. 1104036). Please contact me if you have any further questions or concerns.

Sincerely,

**Grant Munday** Manager of Planning Township of Wainfleet 31940 Highway 3 P.O. Box 40 Wainfleet, ON LOS 1V0 Ph. (905) 899-3463, Ext. 225 Fax. (905) 899-2340

www.wainfleet.ca

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April 17, 2012

Mrs. Tanya Lamb Township Clerk Township of Wainfleet 31940 Highway 3, P.O. Box 40 Wainfleet, Ontario LOS 1V0

Dear Mrs. Lamb:

Re: Notice of Public Meeting #2 for the Wainfleet Wind Energy Project

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total of five (5) turbines with a maximum name plate capacity of 9 MW. The project location is described in the map in the attached notice.

The purpose of this letter and attached notice is to inform you that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project, how you can obtain further information on the project, and to invite you to attend the Project's Second Public Open House.

If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. The Public Open House will provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. We appreciate your input and welcome your attendance at the Public Open House scheduled for:

Date: **June 19, 2012** Time: **3:00 pm to 8:00 pm** 

Location: Township of Wainfleet, Firefighters Memorial Community Hall

31907 Park Street, Wainfleet, Ontario, LOS 1V0

We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House. The Project team has designated an additional hour from **2:00 pm-3:00 pm** to meet with Agency and Municipal Stakeholders prior to

the start of the Public Meeting on June 19, 2012. Please contact us if you believe that a meeting would be appropriate.

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meeting, or to communicate questions or comments, please contact us.

Yours truly,

#### Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: tom@ipcenergy.ca

Cc: April Jeffs, Mayor

Dale Minor, Building Inspector Grant Munday, Manager of Planning Greg Wuisman, Director of Operations

John Boerema, Chief Building Official/Bylaw Enforcement Officer

Scott Luey, Chief Administrative Officer/Planning

Harry Flagg, Fire Chief David B. Wyatt, Alderman Ted Hessels, Alderman Richard Dykstra, Alderman Betty Konc, Alderman Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com

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April 17, 2012

Ms. Tanya Lamb Township Clerk, Township of Wainfleet 31940 Highway 3, P.O. Box 40 Wainfleet, Ontario LOS 1V0

Re: Wainfleet Wind Energy Project, Draft Renewable Energy Approval Package Filing for Public Review

Dear Ms. Lamb:

Please find enclosed a copy of the draft Renewable Energy Approval (REA) Package for the Wainfleet Wind Energy Project along with a letter notifying your office about the reports and second public meeting.

This project is subject to the provisions of the Environmental Protection Act of Ontario ("the Act") Part V.0.1 and Ontario Regulation 359/09 ("the Regulation") which addressed Renewable Energy Approvals ("REA"). The Regulation requires that we provide your office with a copy of the draft REA package so that it may be made available to anyone who is interested. We respectfully request that you file this document for public viewing for a period of at least 60 days commencing April 18<sup>th</sup>, 2012. The documents must remain available for public viewing until June 19, 2012. The draft Renewable Energy Approval Package can also be viewed on the project website at: www.wainfleetwindenergy.ca.

If you have any questions or comments about this request, please feel free to contact me.

Yours truly,

Ms. Britney Pringle

BPringle

Environmental Planner, Morrison Hershfield Limited

235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110

Fax: (416) 499-9658

E-mail:BPringle@morrisonhershfield.com

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April 20, 2012

Mr. Grant Munday Manager of Planning, Township of Wainfleet 31940 Highway 3, PO Box 400 Wainfleet, Ontario LOS 1V0

Re: Proposed Wainfleet Wind Energy Project
Draft Renewable Energy Approval Package

Dear Mr. Munday:

On behalf of the Proponent, Wainfleet Wind Energy Inc. and the project team please find enclosed two paper copies and a CD set of the draft Renewable Energy Approval (REA) Package for the Wainfleet Wind Energy Project.

Draft documents were originally provided to the Township of Wainfleet for review on November 17<sup>th</sup>, 2010. At the cost of the Proponent, the Township selected, and retained and directed an independent consultant ("Jones Consulting Group Limited") to peer review and comment on all draft reports provided. Following this review, the Township provided preliminary comments on March 18, 2011, followed by a formal submission of the Township's Municipal Consultation Form to the Ministry of the Environment (MOE) on April 18<sup>th</sup>, 2011.

As you are aware, since the Township's initial submission of the Municipal Consultation Form to MOE, IPC Energy submitted an application to the Township on December 12th, 2011 (attached) for use of the currently un-opened road allowance on Sideroad 22. This application was made in order to satisfy the Township's request that an agreement be established prior to and be a condition of MOE's approval on the project. This application appeared before Council on January 24, 2012, and was subsequently denied.

With no reasoning provided by Council regarding their decision, the project team has since revised the project's design concerning access and interconnection of Turbines 1, 2, and 3. A summary of design modifications is provided below:

- Access road/underground collector line to Turbine 2 and 3 will now utilize part of an existing driveway on private property entering from Concession Rd. 1.
- Underground collector line will travel in a northwest direction on private property from Turbine 2 to cross under Sideroad 22 to connect with the Turbine 1 property.
- Access road for turbine 1 will entre from Abbey road utilizing private property.

Please note that no modifications to turbine locations or positions have been made. These design modifications are reflected in updated project reports and mapping (refer to attached mapping). As a result of these design modifications the Proponent has undertaken additional Stage 2 Archaeology Assessments. These reports have been reviewed by the Ministry of Tourism, Culture, and Sport and their findings have been confirmed. The Proponent has also revised the previously submitted Natural Heritage Assessment (NHA) and Environmental Impact

Study (EIS). The Ministry of Natural Resources has provided their written confirmation of the Report's findings and results.

At this time, the Proponent would like to provide the Township of Wainfleet with an additional opportunity to review and provide comment on updated Draft REA package materials to be finalized prior to submission to MOE. Should the Township wish to update their previously submitted Municipal Consultation Form on April 18<sup>th</sup>, 2011, please use the updated form included in this correspondence.

It is anticipated the that the Proponent's final application will be submitted to MOE near the end of June, 2012 after the Second Public Meeting has been held and stakeholder comments have been addressed. Attached, for the Township's completion is an updated Municipal Consultation Form.

Copies of all draft reports and materials are also available for public viewing on the project's website at: www.wainfleetwindenergy.ca

As always, the project team remains committed and available to meet with Township Staff and/or Council to discuss the project, provided materials, and to address any outstanding questions or concerns.

Yours truly,

#### Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: tom@ipcenergy.ca

## Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com

CC: Mr. John Andrews, IPC Energy

Encls. Draft REA Documents for the Wainfleet Wind Energy Project
Updated Municipal Consultation Form
Correspondence from IPC Energy and Rankin Construction





December 12<sup>th</sup> 2010

Madam Clerk Ms. Tanya Lamb Township of Wainfleet 31940 Highway 3 P.O. Box 40 Wainfleet, ON L0S1N0

Dear Madam Clerk:

## Re: IPC's request to open side road 22 for the Wainfleet Wind Energy project

IPC Energy (IPC) would like to take this opportunity to further our discussions regarding the opening of the un-travelled portion of Side Road 22 from Abby Rd south to Concession Rd 1.

IPC is requesting to enter into an agreement with the township for the purpose of:

- 1. gaining access to the proposed wind farm facility;
- 2. placement of some project infrastructure.

IPC understands that historically the township of Wainfleet conveys untraveled and unopened road allowances to the public when requested. In addition, the townships official comments for this project state the need to enter into such an agreement (Jones Consulting Report of March 16, 2011Section 5.2.1 paragraph 7):

"In order to access Turbine 1, 2 and 3, the proponent will require access through the unopened road allowance of Side Road 22, located between Abby Road and Concession Road 1. A legal agreement between the Township and the Proponent will be required to permit access through this right of way"

IPC would be grateful if council would see clear to initiate this request. I am available to discuss this further at your convenience.

Respectfully yours,

Tom Lewis

Manager of Planning and Environment

Greg Wuisman, P. Eng. Director of Operations Township of Wainfleet 31940 Hwy #3, P.O. Box 40 Wainfleet, ON LOS 1V0 Ph 905-899-3022 Fx 905-899-2642

Attention: Greg Wuisman, P. Eng. Director of Operations

RE: Side Road 22 (Brawn Rd.) Utility Crossing

As discussed we are providing a drawing showing the location and elevation of the proposed right of way crossing of side road 22/Brawn Rd. between Abbey Rd. and Concession 1 Rd. in order to obtain a permit from the township. The 27.6kV power lines and communication lines for the Wainfleet Wind Energy Project will cross the townships road allowance at the municipal drain crossing and will go from the property on the southern half of lot 21 to the property on the northern half of lot 22.

The crossing will consist of four 8" diameter conduits to carry three conductors and two 4" diameter conduits for communications. This will allow one spare conduit for both power and communications. Four double sided signs indicating buried high voltage cable will be installed at the point of crossing on either side as shown.

The ducts will be directional bored to avoid disturbing the municipal drain and embedded culvert. A minimum depth of 1.45m below the municipal drain and culvert will be maintained, exceeding the 1.2m requested by the township as well as the 450mm required for uneven ground in OPSD – 2103.02.

The conduits will cross the East boundary of the township right of way a minimum of three meters South of the centerline of the municipal drain and will cross the West boundary a minimum of 3m North of the centerline of the municipal drain at an approximate angle of 20 degrees from perpendicular.

The construction timeline is contingent upon the project receiving Renewable Energy Approval and a Notice to Proceed from the Ontario Power Authority. Construction will take place either fall of 2012 or spring of 2013 and we requests that the permit effective date be contingent upon the project obtaining Notice to Proceed so that an extended construction window for the permit is not required.

Rankin Construction Inc. is submitting this permit application as one of the two owners partnered on this project and requests that a copy of this permit also be provided to IPC Energy as the developer in order to maintain a consistent point of communications with the Township.

Regards,

John MacLellan, Operations Superintendent - Rankin Construction Inc.

CC. Tom Lewis, Manager Planning and environment – IPC Energy

Rankin Construction Inc. 222 Martindale Rd. P.O. Box 1116 St. Catharines ON, L2R 7A3 Tel. 905.684.1111 Fax. 905.684.2260 IPC Energy Inc. 2550 Argentia Rd. Suite 105 Mississauga ON, L5N 5R1 Tel. 905.607.1016

## TRANSMITTAL FORM



Courier

YOUR REFERENCE:

April 20, 2012

1104036.00

TO: Mr. Grant Munday

Manager of Planning, Township of Wainfleet

31940 Highway 3, P.O. Box 40 Wainfleet, Ontario LOS 1V0

PROJECT: Wainfleet Wind Energy Project – Draft REA

Package

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#### Enclosed herewith are:

No. of Copies Item 2 Draft Renewable Energy Approval Package Reports: **Project Description** Wind Turbine Specification Construction Plan Report **Design and Operations Report Decommissioning Plan Report** Cultural Heritage Assessment Report Archaeological Assessment Reports (Stage 1 and 2) Noise Assessment Report Natural Heritage Assessment Report **Environmental Impact Study Report Environmental Effects Monitoring** Plan for Birds and Bats Water Assessment and Impacts Report Study Area Map Site Plan Land-use Maps 1 CD containing electronic versions of REA Municipal Consultation Form (Proponent 1 Completed)

Description

PROJECT No.:

DATE:

VIA:

These documents are provided for your review and comment under O.Reg 359/09.

Yours truly,

Britney Pringle

MH Environmental Planner



July 22, 2010

Mr. Kevin Bain Regional Clerk, Niagara Region 2201 St. David's Road P.O. Box 1042 Thorold, Ontario L2V 4T7

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mr. Bain:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

The purpose of this letter is to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House on August 24th, 2010. Please contact us if you believe that a meeting would be appropriate.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located south-western Ontario, in the Township of Wainfleet, in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached for your information. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All wind turbines are to be placed in open agricultural fields within the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH is currently preparing studies of the environmental effects of the development and operation of the proposed project in accordance with the requirements of the Act and Regulation. Where applicable, MH will work with the appropriate federal and provincial agencies to ensure that the project meets the requirements for federal and/or provincial permits or approvals. This may include an approval under the *Canadian Environmental Assessment Act* ("CEAA").

A draft Project Description Report titled Wainfleet Wind Energy Project Renewable Energy Approval Project Description Report has been prepared, which provides additional project

information and details. This document is available to anyone interested. A copy will be made available for public review at the Township of Wainfleet Office (19M43 Hwy. #3, P.O. Box 40, Wainfleet, Ontario, LOS 1V0). The draft Project Description Report can also be viewed on the project website at www.ipcenergy.ca.

**Public Open House #1:** If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. Public Open Houses provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. This will be the first of two Public Open Houses for this project; the next will be scheduled in the fall of 2010. We appreciate your input and welcome your attendance at our first Public Open House scheduled for:

Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

Location: Township of Wainfleet, Firefighters Memorial Community Hall

19M7 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

#### Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995

E-mail: sunny@ipcenergy.ca

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com

CC: Mr. Peter Partington Ms. Maria Andersen Mr. Don Campbell Mr. Curt Benson

Mr. John Cunnane

m

## **Britney Pringle**

From: Jonathan Veale

**Sent:** Monday, November 29, 2010 3:19 PM mark.johnson@niagararegion.ca

Cc: Britney Pringle

Subject: FW: Wainfleet Wind Energy Project

Attachments: Municipal Consultation Form\_Wainfleet\_17Nov10\_sm.pdf

From: Jonathan Veale

**Sent:** Monday, November 29, 2010 3:15 PM **To:** 'mark.johnston@niagararegion.ca'

**Cc:** Britney Pringle

**Subject:** Wainfleet Wind Energy Project

## Mark.

Thank-you for your call today and for informing me about who to contact in your office. The draft site plan/reports for the **Wainfleet Wind Energy Project** are available for your review and comment. Please let me know if you feel that a meeting would be useful. I envision that we could meet at any point after next week, where we would present the proposal and answer any questions or comments that you may have.

As required under O.Reg. 359/09 ("Renewable Energy Approval"), please find the Municipal Consultation form attached. The form indicates which Regional Officials are required to provide comments. Also, since this project is a Class 4 Wind Facility some consultation requirements are not required.

<u>Public Open House</u>: We have not yet determined the date of our second Public Open House. Once we have determined a date and location for Public Open House #2, we will inform you in advance, and the public by letter notification and newspaper notice. This event will likely be in February, 2011.

Consultation timelines: Municipal stakeholders will have at least 90-days and members of the public will have at least 60-days to review our draft Renewable Energy Approval (REA) package in advance of the second Public Open House. Ideally, we would like your feedback by January so that we may make revisions before the Public Open House. Following that period, comments will be incorporated into the design of the project and Vineland Power Inc. may submit a Renewable Energy Approval to the Ministry of the Environment (MOE). The REA application will then be posted on the Environmental Registry for a further 30-day public comment period. Following that, the MOE will make a determination on approving the project.

#### **Electronic Versions of Files**

I have uploaded relevant reports and maps to our FTP as follows:

#### Site:

 $\frac{ftp://clientftp.morrisonhershfield.com/Wainfleet\%20draft\%20Renewable\%20Energy\%20Approval\%20Package/$ 

Login: **TOR1104037**Password: **110four03seven** 

Access Expires: 15-Dec-10

I will courier a paper copy of the draft REA package. This will include a CD with the reports and maps. I have uploaded each report/map separately on the FTP/CD and I have also included one document with all the reports attached. The PDF bookmarks are useful in navigating these documents.

These documents are not yet public, however they are not confidential, so they may be shared with anyone who will inform your assessment. We will revise them based upon our discussions and that of other agencies. It is our intention to provide them as draft documents to the public within the next 30-days. At that time, we will provide the local township clerk and Public Library with additional copies. Our timeline on this is subject to us meeting requirements of MOE, MNR, MTC, etc.

Please let me know if you have any questions or thoughts.

Jonathan Veale M.E.S. EP Environmental Planner – Environmental Division Planificateur environnementale – Division Environnementale jveale@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Office: 416 499 3110 x1639 | Fax: 416 499 9658 Cell: 416 347 8766 morrisonhershfield.com

## **Britney Pringle**

From: Johnson, Mark [mark.johnson@niagararegion.ca]

**Sent:** Friday, April 01, 2011 5:02 PM

To: Britney Pringle

Cc: Jonathan Veale; 'gmunday@wainfleet.ca'; Zeoli, Jim; Earl, Lindsay

Subject: Wainfleet Wind Energy Project

Attachments: Renewable Energy Approval Package - Wainfleet Wind Energy Project.pdf; Municipal

Consultation Form - Wainfleet Wind Energy Project.pdf

Hi Britney,

Please find attached a copy of our comments for the above noted proposal. If you need anything or have any other questions, please do not hesitate to contact me.

Regards,

Mark Johnson M.A.E.S., B.Com Planner

Niagara Region | Public Works Department | Development Services Division

2201 St. David's Road | P.O. Box 1042 | Thorold, Ontario L2V 4T7 **Phone:** 905-685-4225 ext. 3433 | **Email:** mark.johnson@niagararegion.ca **Toll Free:** 1-800-263-7215 | **Fax:** 905-687-8056 | **Website:** niagararegion.ca

The Regional Municipality of Niagara Confidentiality Notice

The information contained in this communication including any attachments may be confidential, is intended only for the use of the recipient(s) named above, and may be legally privileged. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, disclosure, or copying of this communication, or any of its contents, is strictly prohibited. If you have received this communication in error, please re-send this communication to the sender and permanently delete the original and any copy of it from your computer system. Thank you.



## PUBLIC WORKS DEPARTMENT Development Services Division

2201 St David's Road, P.O. Box 1042 Thorold, ON L2V 4T7 Tel: 905-685-4225 Toll-free:1-800-263-7215 Fax: 905-687-8056 www.niagararegion.ca

April 1, 2011

File: E.11.05.10.EN-11.003

Mr. Jonathan Veale Environmental Planner Morrison Hershfield 235 Yorkland Boulevard Suite 600 Toronto, ON M2J 1T1

Dear Mr. Veale:

Re: Review of Renewable Energy Approval Package

Wainfleet Wind Energy Project

**Township of Wainfleet** 

Thank you for providing a copy of the draft Renewable Energy Approval (REA) Package for the Wainfleet Wind Energy Project. Regional staff has reviewed the above noted proposal as it relates to the use of the Regional infrastructure and servicing for the proposed construction of the turbines and installation of the transmission lines, emergency management procedures/safety protocols, and significant natural heritage features and water resources within the study area. Regional staff offers the following comments to assist the study team in completing the REA Package.

## Regional Infrastructure and Servicing

The study area for the proposed renewable energy project encompasses Concession 1 Road and Station Road (Regional Road 3). With respect to infrastructure and servicing, Regional staff advise that there are no watermains or sanitary sewers in the Township of Wainfleet. We note that during the construction phase the turbines will be transported along Regional Road 3. In addition, access to turbine 4 and 5 will be from Regional Road 3. For our comments in regard to the proposal and Regional permits that will be required, please refer to the attached copy of the Municipal Consultation Form. The developer is advised to contact Mr. Jim Zeoli, Permits, Municipal Law Enforcement Officer at 905-685-4225, extension 3263, to discuss permit requirements.

## **Emergency Management Procedures/Safety Protocols**

With respect to emergency management procedures and safety protocols, Regional staff has no concerns with the proposed development.

## Significant Natural Heritage Features and Water Bodies

Regional staff has reviewed the reports that were prepared in order to identify any significant natural heritage features and water resources, assess potential environmental effects from the proposed development, and any mitigation measures to protect significant environmental features. Regional staff note that the Township of Wainfleet's mapping was used in the natural heritage review. Mapping in the Township's existing Official Plan does not reflect current Regional and Provincial mapping. For up to date information on natural heritage features in the study area, please refer to mapping found within the Regional Policy Plan and Provincial Plans or in Township's new Official Plan. In addition, it should be noted that the mapping of Provincially Significant Wetlands provided by the Ministry of Natural Resources is more up to date than Regional mapping. However, the other natural heritage features identified by the Region's Core Natural Heritage Map should still be referred to during the review of natural heritage features for the study area.

Section 3.0 of the Environmental Impact Statement Report provides an overview of the natural heritage features that were evaluated in the study area. Regional staff note that section 3.2.1 indicates that there are several Provincially Significant Wetlands within the study area. However, Regional staff note that the tap line along Station Road is proposed to be located within 120 metres of Old Welland Feeder Canal Wetland Complex, which is designated Environmental Protection Area (EPA) in the Regional Policy Plan. Tap line along Sideroad 22 (at Brown Road and Feeder Road) and along Feeder Road is proposed to be located within 120 metres of Lowbanks Backshore Wetland Complex, which is designated Environmental Protection Area (EPA) in the Regional Policy Plan. In addition, Regional staff note that Section 3.2.8 acknowledges that the natural areas contained within the study area may contribute to the connections to coastal areas and migratory routes and habitat within the study area. suggested that Section 3.2.8 - Connectivity of Natural Features address the potential natural heritage corridors identified within the study area in the Regional Policy Plan.

Niagara Peninsula Conservation Authority (NPCA), through its work on Source Protection Planning, has identified the study area as being located within Highly Vulnerable Aquifer areas. Based on our review, we note that turbine 4 and 5 are proposed to be located within a Highly Vulnerable Aquifer area.

Regional staff note that that the study area is located within the Township of Wainfleet. As such, comments may be provided by the Township of Wainfleet.

The Niagara Peninsula Conservation Authority also may provide comments related to the natural heritage and water resources in the study area

## Conclusion

In summary, Regional staff request that the above noted comments are addressed during the completion of the REA Package. If you have any questions or wish to discuss these comments, please contact Mark Johnson, Planner, or Don Campbell, Manager, Development Initiatives.

Yours truly,

Mark Johnson Planner

Mar gor

MJ/

c: Mr. G. Munday, Manager of Planning, Township of Wainfleet

Mr. J. Zeoli, Permits, Municipal Law Enforcement Officer

Ms. L. Earl, Watershed Planner, NPCA

L:\Johnson-Mark\Wainfleet\Green Energy Act\Renewable Energy Approval Package - Wainfleet Wind Energy Project docx

#### Part B: TO BE COMPLETED BY THE MUNICIPALITY OR LOCAL AUTHORITY

### Section 4: Municipal or Local Authority Contact Information

Local Municipality (include each local municipality in which project is situated)						
Name of Municipality Address		Phone Clerk's Name Clerk's Phone		E-Mail Address		
-	-	-	-	-	-	
Upper Tier Municipality (include each upper tier municipality in which project is situated)						
Name of Municipality	Address	Phone	Clerk's Name	Clerk's Phone	E-Mail Address	
Niagara Region	2201 St. David's Road P.O. Box 1042 Thorold, ON	905-685-4225	Kevin Bain	905-685-1571	kevin.bain@niagararegion.ca	

#### **Section 5: Consultation Requirement**

## 5.1 Project Location

Provide comment on the project location with respect to infrastructure and servicing.

There are no watermains or sanitary sewers in the project area. Transportation of the turbines shall be via Regional Road 3 (Concession 1 Road and Station Road). There is a closed Regional landfill site on the west side of Station Road (adjacent to turbine 5).

## 5.2 Project Roads

Provide comment on the proposed project's plans respecting proposed road access.

Access to the Turbines 4 and 5 are from Regional Road 3 (Station Road). Turbine 4 is setback 175 metres from Regional Road 3 and Turbine 5 is setback 98 metres from Regional Road 3.

Identify any issues and provide recommendations with respect to road access.

We will require a Regional Entrance Permit. The geometric design for accesses onto Regional Road 3, for Turbines 4 and 5, must be reviewed and approved prior to any application for Regional permits. Any geotechnical survey involving bore-holes on a Regional Road requires a Regional Construction Encroachment Permit.

Provide comment on any proposed Traffic Management Plans

A Traffic Management Plan was not provided with the proposal. If any Traffic Management Plan is required, it will have to be reviewed by Regional staff for approval. The developer should note the following requirements for the Regional Roads: Regional Oversized Load Permit for travelling on the Regional Road, Regional Construction Encroachment Permit for the temporary road path at the intersection of Concession 1 Road and Station Road.

Identify any issues and provide recommendations with respect to the proposed Traffic Management Plans

To be provided at time of any Traffic Management Plan.

## 5.3 Municipal or Local authority Service Connections

Provide comment on the proposed project plans related to the location of and type of municipal service connections, other than roads.

N/A

Identify any issues and provide recommendations with respect to the type of municipal service connections, other than roads.

N/A

#### 5.4 Facility Other

Identify any issues and recommendations with respect to the proposed landscaping design for the facility.

No landscaping within Regional Road allowance (Turbines 4 and 5).

Provide comment on the proposed project plans for emergency management procedures / safety protocols.

No concerns

Identify any issues and recommendations with respect to the proposed emergency management procedures / safety protocols.

No concerns

Identify any issues and recommendations with respect to any Easements or Restrictive Covenants associated with the Project Location.

No Comment

#### 5.5 Project Construction

Identify any issues and recommendations with respect to the proposed rehabilitation of any temporary disturbance areas and any municipal or local authority infrastructure that could be damaged during construction.

The temporary turning radius at Concession 1 Road and Station Road are to be removed after the transportation of the turbines and the road allowance is restored to its original condition.

Identify any issues and recommendations with respect to the proposed location of fire hydrants and connections to existing drainage, water works and sanitary sewers.

No Comment

Identify any issues and recommendations with respect to the proposed location of buried kiosks and above-grade utility vaults.

The transmission line, if it is proposed to be within Regional Road 3, will require a legal agreement with Niagara Region. Any proposed structures should be located a minimum of 6 metres from the edge of the Regional Road (i.e. any new underground cabling). It would appear that the existing electrical services are predominantly within the west side of Station Road. We would recommend that any future services, including tap line, remain on the west side in order to accommodate the 6 metre setback and join with the other turbines. Any new infrastructure located on the Regional Road allowance will require that Regional staff receive as-built drawings for our own locate records. Any transmission lines may follow existing poles given the approval of the public utility. It should be noted that the developer will be responsible for costs associated with any future relocation of the existing poles (with transmission/tap line).

Identify any issues and recommendation with respect to the proposed location of existing and proposed gas and electricity lines and connections.

The transmission lines from Turbines 4 and 5, if so designed, should cross under the road to reach the main tap line on the west side.

Provide comment on the proposed project plans with respect to Building Code permits and licenses.

N/A

Identify any issues and recommendations related to the identification of any significant natural features and water bodies within the municipality or territory.

Refer to letter for Regional comments.

Identify any issues and recommendations related to the identification of any archaeological resource or heritage resource.

Information to be provided by the Ministry of Culture.

Item No.	leet Wind Energy Project- Region of Niagara Draft REA Review Summary Region Comment	Proponent Response
	oject Location	
1.	There are no watermains or sanitary sewers in the project area. Transportation of the turbines shall be via Regional Road 3 (Concession 1 Road and Station Road). There is a closed Regional landfill site on the west side of Station Road (adjacent to turbine 5).	Comment noted. Proponent is in agreement.
5.2 Pro	oject Roads	
5.2.1 F	Provide comment on the proposed project's plans respecting proposed road access	
2.	Access to the Turbines 4 and 5 are from Regional Road 3 (Station Road). Turbine 4 is setback 175 metres from Regional Road 3 and Turbine 5 is setback 98 metres from Regional Road 3.	Comment noted.
5.2.2	dentify any issues and provide recommendations with respect to road access	
3.	We will require a Regional Entrance Permit. The geometric design for access onto Regional Road 3, for Turbines 4 and 5, must be reviewed and approved prior to any application for Regional permits. Any geotechnical survey involving bore-holes on a Regional Road require a Regional Construction Encroachment Permit.	Comment noted. Proponent is in agreement. The Proponent will provide the Region with detailed design information with respect to road construction/access for comment prior to applying for Regional permits. Detailed information required for obtaining Regional permits/approvals will be provided and discussed in consultation with the Region during detailed design as it is beyond the scope of the REA consultation requirements.
5.2.3	Provide comment on any proposed Traffic Management Plans	
4.	A Traffic Management Plan was not provided with the proposal. If any Traffic Management Plan is required, it will have to be reviewed by Regional staff for approval. The developer should note the following requirements for the Regional Roads: Regional Oversized Load Permit for travelling on the Regional Road, Regional Construction Encroachment Permit for the temporary road path at the intersection of Concession 1 Road and Station Road.	Vestas, as the selected turbine manufacturer will be responsible for delivering the turbine components to each turbine site and acquiring the necessary traffic permits required in consultation with the Township, Niagara Region, and MTO where applicable. These permits will be obtained separately from the REA process.
		The Construction Contractor/ turbine manufacturer will be responsible for the creation and implementation of a Traffic Management Plan during construction, which includes obtaining the required permits to carry out construction activities and the safe delivery of turbine components/construction equipment.
		The exact dimensions of construction and turbine delivery vehicles will be determined once the respective contracts have been awarded during detailed design.
		The Traffic Management plan will be submitted to the Region in advance of construction commencement for review and comment. The plan will outline specific strategies for controlling the delivery/movement of materials and personnel to and from each construction site; oversized loads; management of any required upgrading and/or modification of



Item	fleet Wind Energy Project- Region of Niagara Draft REA Review Summary  Region Comment	Proponent Response
No.		
5.2.4	Identify any issues and provide recommendation with respect to the proposed Traffic Management Plans	
5.	To be provided at time of any Traffic Management Plan	Comment noted. As stated above a Traffic Management Plan will be prepared and submitted to the Region for review and comment by the Construction Contractor/Turbine Manufacturer prior to the commencement of construction.
5.3 M	unicipal or Local Authority Connections	
5.3.1	Provide Comment on the proposed project plans related to the location of and type of municipal service connections, oth	ner than roads
6.	N/A	
5.3.2	Identify any issues and provide recommendations with respect to the type of municipal service connections, other than r	oads
7.	N/A	
5.4 Fa	acility Other	
5.4.1	Identify any issues and recommendations with respect to the proposed landscaping design for the facility	
8.	No landscaping within Regional Road allowance (Turbine 4 and 5).	Comment noted. Proponent in agreement.
5.4.2	Provide comment on the proposed project plans for emergency management procedures/safety protocols	
9.	No concerns	Comment noted.
5.4.3 I	dentify any issues and recommendations with respect to the proposed emergency management procedures/safety protocols	
10.	No concerns	Comment noted.
5.4.4 I	dentify any issues and recommendations with respect to any Easement or Restrictive Covenants associated with the Project Locati	on
11.	No comment	Comment noted.
5.5 Pi	roject Construction	
	Identify any issues and recommendations with respect to the proposed rehabilitation of any temporary disturbance areas be damaged during construction	s and any municipal or local authority infrastructure that could
12.	The temporary turbine radius at Concession 1 Road and Station Road are to be removed after the transportation of the turbines and the road allowance is restored to its original condition.	Comment noted. Proponent is in agreement.  Specific details/arraignments agreed upon by the Proponent and the Region regarding the remediation of the Region owned right-of-way will be discussed outside of the consultation activities being undertaken as part of the REA process.
5.5.2	Identify any issues and recommendations with respect to the proposed location of fire hydrants and connections to exist	ting drainage, water works and sanitary sewers
13.	No comment	Comment noted.



Wain	Vainfleet Wind Energy Project- Region of Niagara Draft REA Review Summary						
Item No.	Region Comment	Proponent Response					
	.   .3 Identify any issues and recommendations with respect to the proposed location of buried kiosks and above grade utility vaults						
14.	The transmission line, if it is proposed to be within Regional Road 3, will require a legal agreement with Niagara Region. Any proposed structures should be located a minimum of 6 metres from the edge of the Regional Road (i.e. any new underground cabling). It would appear that the existing electrical services are predominately within the west side of Station Road. We would recommend that any future services, including tap line, remain on the west side in order to accommodate the 6 metre setback and join with the other turbines. Any new infrastructure located on the Regional Road allowance will require that Regional staff receive as-built drawings for our own locate records. Any transmission lines may follow existing poles given the approval of the public utility. It should be noted that the developer will be responsible for costs associated with any future relocation of the existing poles (with transmission/tap line).	The Proponent commits to enter into a legal agreement with the Region for any associated infrastructure proposed within Regional Road 3.  Any use of Regional property associated with the Wainfleet Wind Energy Project will be in compliance with the legal agreements established between the Region and the Proponent.  The Proponent acknowledges the Region's recommendation that transmission infrastructure be located on the west side of Station Road. Additional surveying and utility coordination will be undertaken during detailed design to determine if co-location is possible.  As-built drawings for new infrastructure associated with the project will be provided once the construction is completed.					
5.5.4	Identify any issues and recommendations with respect to the proposed location of existing and proposed gas and electrons.	ricity lines and connections.					
15.	The transmission lines from Turbines 4 and 5, if so designed, should cross under the road to reach the main tap line on the west side.	Comment noted. Recommendation will be considered.					
5.5.5	Provide comment on the proposed project plans with respect to Building Code permits and licenses						
16.	N/A						
5.5.6	Identify any issues and recommendations related to the identification of any significant natural features and water bodie	es within the municipality or territory					
17.	jional staff has reviewed the reports that were prepared in order to identify any significant natural heritage features and water resources ess potential environmental effects from the proposed development, and any mitigation measures to protect significant environmental ures. Regional staff note that the Township of Wainfleet's mapping was used in the natural heritage review. Mapping in the Township's ting Official Plan does not reflect current Regional and Provincial mapping. For up to date information on natural heritage features in the dy area, please refer to mapping found within the Regional Policy Plan and Provincial Plans or in Township's new Official Plan. In ition, it should be noted that the mapping of Provincially Significant Wetlands provided by the Ministry of Natural Resources is more up ate than Regional mapping. However, the other natural heritage features identified by the Region's Core Natural Heritage Map should be referred to during the review of natural heritage features for the study area.	In addition to mapping obtained from the Township of Wainfleet for the identification of natural heritage features and waterbodies within the study area, data was also obtained by various other sources as required by the records review process prescribed under O. Reg. 359/09.  MNR provided the study team with up-to-date mapping showing the boundaries of evaluated wetlands within the project area.  Niagara Peninsula Conservation Authority provided data on vegetation communities in the project area and provided us with a Natural Areas Inventory Study they conducted in 2006-2009.  Niagara Region provided mapping of significant woodlots, evaluated					
		wetlands, fish habitat, municipal drainage, potential natural heritage corridors, and Areas of Natural and Scientific Interest (ANSIs).  Project mapping will be reviewed for accuracy and revised, where required. Data sources will also be provided on revised project mapping for greater clarification of resources consulted.					
18.	Section 3.0 of the Environmental Impact Statement Report provided an overview of the natural heritage features that were evaluated in the study area. Regional staff note that section 3.2.1 indicates that there are several Provincially Significant Wetlands within the study area. However, Regional staff note that the tap line along Station Road is proposed to be located within 120 metres of Old Welland Feeder Canal Wetland Complex, which is designated Environmental Protection Area (EPA) in the Regional Policy Plan. Tap line along Sideroad 22 (at Brown Road and Feeder Road) and along Feeder Road is proposed to be located within 120 metres of Lowbanks Backshore Wetland Complex, which is designated Environmental Protection Area (EPA) in the Regional Policy Plan. In addition, Regional staff note that Section	In addition to identifying the Significance or Provincial Significance of natural heritage features within 120 metres of the project location and associated infrastructure, the EIS will be revised to include mention of features that are also located within a designated Environmental Protection Area (EPA) as identified within the Regional Policy Plan.					



ltem No.	Region Comment	Proponent Response
110.	3.2.8 acknowledges that the natural areas contained within the study area may contribute to the connections to coastal areas and migratory	Additional mitigation will be provided, where required.
	routes and habitat within the study area. It is suggested that Section 3.2.8—Connectivity of Natural Features address the potential natural heritage corridors identified within the study area in the Regional Policy Plan.	As recommended, the study team will review the potential natural heritage corridors identified within the Regional Policy Plan, and revisions and additional mitigation will be provided, where required.
19.	Niagara Peninsula Conservation Authority (NPCA), through its work on Source Protection Planning, has identified the study area as being located within Highly Vulnerable Aquifer areas. Based on our review, we note that turbines 4 and 5 are proposed to be located within a Highly Vulnerable Aquifer Area.	NPCA is being consulted with respect to water crossings and areas of high water vulnerability that might interact with the project's design. Their comments and additional mitigation will be incorporated into project reports once received.
		The design and operation of the Wainfleet Wind Energy Project will not have any effects on ground water resources as there is no significant pollutant loading associated with the facility's operations.
		The storage and use of hazardous liquids will be maintained in accordance with the regulations and guidelines established by the Ministry of Environment.
		Should any spills of Petroleum, Oils or Lubricants (POL) occur at the project site the procedures identified in Section 5.2 of the Environmenta Effects Monitoring Plan (EEMP) will be adhered to and the appropriate authorities will be immediately notified.
20.	Regional staff note that the study area is located within the Township of Wainfleet. As such, comments may be provided by the Township of Wainfleet. The Niagara Peninsula Conservation Authority also may provide comments related to the natural heritage and water resources in the study area.	Comment noted. The Proponent is actively engaged in consultation with the Township of Wainfleet and the Niagara Peninsula Conservation Authority with regards to the identification and characteristics of natural heritage and water resources within the study area. Their comments will be incorporated into the project's mapping and associated reports were required.
5.5.7 I	Identify any issues and recommendations related to the identification of any archaeological resource or heritage resource	
21.	Information to be provided by the Ministry of Culture	Comment noted. Proponent is in agreement.





April 13, 2012

Mr. Kevin Bain Regional Clerk Niagara Region 2201 St. David's Road, P.O. Box 1042 Thorold. Ontario L2V 4T7

Dear Mr. Bain:

## Re: Notice of Public Meeting #2 for the Wainfleet Wind Energy Project

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total of five (5) turbines with a maximum name plate capacity of 9 MW. The project location is described in the map in the attached notice.

The purpose of this letter and attached notice is to inform you that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project, how you can obtain further information on the project, and to invite you to attend the Project's Second Public Open House.

If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. The Public Open House will provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. We appreciate your input and welcome your attendance at the Public Open House scheduled for:

Date: **June 19, 2012** Time: **3:00 pm to 8:00 pm** 

Location: Township of Wainfleet, Firefighters Memorial Community Hall

31907 Park Street, Wainfleet, Ontario, LOS 1V0

We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House. The Project team has designated an additional hour from **2:00 pm-3:00 pm** to meet with Agency and Municipal Stakeholders prior to

the start of the Public Meeting on June 19, 2012. Please contact us if you believe that a meeting would be appropriate.

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meeting, or to communicate questions or comments, please contact us.

Yours truly,

#### Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: tom@ipcenergy.ca

## Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com

Cc: Curt Benson, Manager, Policy Planning

Don Campbell, Manager, Development Initiatives John Cunnane, Director, Emergency Services

Kyle Moate, Manager, Infrastructure Planning & Asset Management Maria Andersen, Communications Specialist, Corporate Services Marilyn Radman, Manager, Development Planning, Public Works

Gary Burroughs, Regional Chair

K:\PROJ\1104036\STAKEHOLDERS LIST\WAIN NOTICE OF PBLC MTNG2\_AGNCY LTTR FINAL\_APR13\_12.DOCX





April 20, 2012

Mr. Mark Johnson Planner, Public Works Department Niagara Region 2100 St. David's Road, PO Box 1042 Thorold, Ontario L2V 4T7

Re: Proposed Wainfleet Wind Energy Project
Draft Renewable Energy Approval Package

Dear Mr. Johnson:

On behalf of the Proponent, Wainfleet Wind Energy Inc. and the project team please find enclosed one paper copy and a CD set of the draft Renewable Energy Approval (REA) Package for the Wainfleet Wind Energy Project. These updated documents were filed for public viewing as of Wednesday April 18<sup>th</sup>, 2012 in advance of the project's second public meeting scheduled for:

Date: **June 19, 2012** Time: **3:00 pm to 8:00 pm** 

Location: Township of Wainfleet, Firefighters Memorial Community Hall

31907 Park Street, Wainfleet, Ontario, LOS 1V0

Draft documents were originally provided to the Region for review and comment on November 29<sup>th</sup>, 2010. Niagara Region provided the completed Municipal Consultation Form on April 1<sup>st</sup>, 2012.

As a result of consultation activities with the Township of Wainfleet, the project team has since revised the project's design concerning access and interconnection of Turbines 1, 2, and 3. A summary of design modifications is provided below:

- Access road/underground collector line to Turbine 2 and 3 will now utilize part of an existing driveway on private property entering from Concession Rd. 1.
- Underground collector line will travel in a northwest direction on private property from Turbine 2 to cross under Sideroad 22 to connect with the Turbine 1 property.
- Access road for turbine 1 will entre from Abbey road utilizing private property.

Please note that no modifications to turbine locations or positions have been made. These design modifications are reflected in updated project reports and mapping (refer to attached mapping). As a result of these design modifications the Proponent has undertaken additional Stage 2 Archaeology Assessments. These reports have been reviewed by the Ministry of Tourism, Culture, and Sport and their findings have been confirmed. The Proponent has also revised the previously submitted Natural Heritage Assessment (NHA) and Environmental Impact Study (EIS). The Ministry of Natural Resources has provided their written confirmation of the Report's findings and results.

At this time, the Proponent would like to provide Niagara Region with an additional opportunity to review and provide comment on updated Draft REA package materials to be finalized prior to submission to MOE. Should the Region wish to update the previously submitted Municipal Consultation Form dated April 1<sup>st</sup>, 2011, please use the updated form included in this correspondence.

It is anticipated the that the Proponent's final application will be submitted to MOE near the end of June, 2012 after the Second Public Meeting has been held and stakeholder comments have been addressed.

Copies of all draft reports and materials are also available for public viewing on the project's website at: www.wainfleetwindenergy.ca

As always, the project team remains available to meet with Region Staff and/or Council to discuss the project, provided materials, and to address any outstanding questions or concerns. Please contact us should you have any questions regarding this submission.

Yours truly,

#### Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: tom@ipcenergy.ca

#### Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com

Encls. Notice of Public Meeting #2

Draft REA Documents for the Wainfleet Wind Energy Project

**Updated Municipal Consultation Form** 





## PUBLIC WORKS DEPARTMENT

Development Services Division 2201 St. David's Road, P.O. Box 1042 Thorold, ON L2V 4T7 Tel: 905-685-4225

Toll-free:1-800-263-7215 Fax: 905-687-8056 www.niagararegion.ca

#### VIA E-MAIL ONLY

June 29, 2012

File: E.11.05.10.EN-11-003

Mr. Tom Lewis Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Dear Mr. Lewis:

Re: Proposed Wainfleet Wind Energy Project

**Draft Renewable Energy Approval Package** 

**Township of Wainfleet** 

Regional staff has reviewed the above proposal as it relates to Niagara Region's interests. A completed copy of the Municipal Consultation Form is enclosed.

In April 2011 Niagara Region staff provided comments on an earlier draft of the Renewable Energy Approval Package for this project. The comments contained in the enclosed Consultation Form respond to the revised Approval Package received in April 2012. They focus on matters of Regional interest relating to Niagara Region's infrastructure, emergency management, and significant natural heritage features and water resources within the study area.

If you have any questions or wish to discuss these comments, please contact me. Yours truly,

Don Campbell

Don Campbell, MCIP, RPP Development Initiatives Coordinator Enclosures

C: Grant Munday, Township of Wainfleet
Curt Benson, Manager of Policy Planning, Niagara Region
Peter Colosimo, Director, Development Services
Marilyn Radman, Manager, Development Planning
Janet Pilon, Regional Clerk

L:\Campbell-Don\Wainfleet\Renewable Energy\Wainfleet Wind Energy project\Renewable Energy Approval 2012\Regional Response Ltr.docx

## PART B: TO BE COMPLETED BY THE MUNICIPALITY OR LOCAL AUTHORITY

#### Section 4 - Municipal or Local Authority Contact Information (check the one that applies)

Local Municipality (include each local municipality in which project location is situated)  Yes  No							
Name of	Address	Phone	Clerk's Name	Clerk's Phone/Fax	E-Mail Address		
Municipality							
, ,							
Upper Tier Municipa	ality (include each uppe	r tier municipality in w	vhich project location is s	ituated)	□ No		
Name of	Address	Phone	Clerk's name	Clerk's Phone/Fax	E-Mail Address		
Municipality							
Regional	P.O. Box 1042	905-685-	Janet Pilon	685-4225, ext.	janet.pilon@niagararegion.ca		
				3220	janenjenen Sinaganan egiernea		
Municipality of	Thorold, ON	1751		3220			
Niagara	L2V 4T7						
Local roads area (ir.	nclude each local roads a	area in which project i	location is situated)	☐ Yes	□ No		
Name of local	Address	Phone	Secretary-	Secretary-	E-Mail Address		
roads board	71001000	1 110110	treasurer's Name	treasurer's	E Mail / Galoos		
Toddo bodi d			" a dadarar a riama	Phone/Fax			
				1 Hono/i ax			
Board Area (include each board area in which project location is situated)							
Name of Local	Address	Phone	Secretary's name	Secretary's	E-Mail Address		
Service Board			,	Phone/Fax			
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## **Section 5: Consultation Requirement**

5.1 - Project Location
Provide comment on the project location with respect to infrastructure and servicing.
Regional Roads

Access to Turbines 4 and 5 would be from Regional Road 3 (Station Street). The Transportation Survey prepared by Transera indicates that a number of Regional roads will be used in transporting the turbine components to the proposed turbine locations. It indicates that modifications to the intersection with Regional Road 27 will be required to provide the necessary turning radius.

The Project Description Report indicates that the underground collection line serving Turbines 4 and 5 would run up the east side of Station Road and then cross to the west side north of Turbine 5.

N.B.: The roads referred to as County Roads are Regional Roads.

## Regional Water and Wastewater Systems

There are no watermains or sanitary sewers in the project area.

## Waste Management

Niagara Region owns and manages a landfill site on the west side of Station Road, west of the proposed location of Turbine 5. The landfill has been closed and stopped receiving waste. The Niagara Region is required to continue post closure monitoring and maintenance, however, as per the Ministry of Environment Certificate of Approval.

The Region would request:

• That the underground collector line remain on the east side of Station Road until it meets the Gord Harry Trail further north of the Site. The Region has monitoring wells in the area of the

CONFIDENTIAL DISCUSSION DRAFT Page 1 of 4

proposed line and may need to install more; That the Region be permitted to us to install a monitoring well (overburden and bedrock) nest near Turbine 5. The Region currently does not have any wells east of Station Road. 5.2 - Project Roads Provide comment on the proposed project's plans respecting proposed road access. A Regional Entrance Permit will be required for access to Turbines 4 and 5 from Regional Road 3. This Plan should be submitted to Niagara Region Public Works for approval. Identify any issues and provide recommendations with respect to road access Provide comment on any proposed Traffic Management Plans The Construction Plan Report (Section 2.11) indicates that a Traffic Management Plan will be prepared and implemented. This Plan should be submitted to Niagara Region Public Works for review and approval. Identify any issues and provide recommendations with respect to the proposed Traffic Management Plans Appendix B to the Construction Plan Report indicates that the routes used to transport turbine components to the sites where the turbines are to be installed will involve a number of Regional roads. A Regional Oversized Load Permit will be required. Appendix B also indicates that temporary modifications to some intersections may be required. A Regional Construction Encroachment Permit would be required for such modifications. 5.3 - Municipal or Local authority Service Connections Provide comment on the proposed project plans related to the location of and type of municipal service connections, other than roads. N/A. Identify any issues and provide recommendations with respect to the type of municipal service connections, other than roads. N/A 5.4 - Facility Other Identify any issues and recommendations with respect to the proposed landscaping design for the facility No landscaping within Regional road allowances. Provide comment on the proposed project plans for emergency management procedures / safety protocols.

Page 2 of 4

Identify any issues and recommendations with respect to any Easements or Restrictive Covenants associated with the Project Location

Identify any issues and recommendations with respect to the proposed emergency management procedures / safety protocols.

CONFIDENTIAL DISCUSSION DRAFT

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#### 5.5 Project Construction

Identify any issues and recommendations with respect to the proposed rehabilitation of any temporary disturbance areas and any municipal or local authority infrastructure that could be damaged during construction.

If temporary modifications to Regional intersections are made, the intersections must be restored to their original condition after transportation of the turbine components is complete.

Identify any issues and recommendations with respect to the proposed location of fire hydrants and connections to existing drainage, water works and sanitary sewers

#### N/A

Identify any issues and recommendations with respect to the proposed location of buried kiosks and above-grade utility vaults

#### N/A

Identify any issues and recommendations with respect to the proposed location of existing and proposed gas and electricity lines and connections

### N/A

Provide comment on the proposed project plans with respect to Building Code permits and licenses.

#### N/A

Identify any issues and recommendations related to the identification of any significant natural features and water bodies within the municipality or territory.

The enclosed map entitled "Core Natural Heritage System" identifies the natural heritage features in the area that are designated for conservation and enhancement in the Niagara Region Policy Plan. The relevant natural resource and environmental policies may be found in Section 7 of the Plan, which can be accessed at <a href="http://www.niagararegion.ca/living/icp/policy-plan.aspx">http://www.niagararegion.ca/living/icp/policy-plan.aspx</a>.

The Regional Policy Plan identifies Environmental Conservation Areas (significant woodlands) adjacent to Station Road as shown on the enclosed map of CCore Natural heritage Features. The Ministry of Natural Resources recently identified these woodlands plus some additional lands as Provincially Significant Wetlands (PSWs) as shown on the enclosed map. The Environmental Protection Area (EPA) policies in the Regional Plan would apply to these wetlands. The Plan (Policy 7.B.1.11) states that development and site alteration may be permitted on adjacent lands (i.e., within 120 meters of an EPA if it has been demonstrated through an Environmental Impact Study that, over the long term, there will be not negative impact on the natural heritage feature or adjacent lands.

The Project Design and Operations Report proposes that underground collector lines serving Turbines 3 and 4 be located along Station Street, on the opposite side of the road to these wetlands. It appears that these collector lines would be located within 30 meters of the wetlands, although separated from the wetlands by the road. The project design and construction plan should ensure that there are no negative impacts on the wetlands.

The Regional Policy Plan also shows Potential Natural Heritage Corridors linking the natural areas to the east and west of Station Street as shown on the enclosed map. Policy 7.B.1.12 states that development or site alteration is proposed in or near a Potential Natural Heritage Corridor the Corridor shall be considered in the development review process. Development should be located, designed and constructed to maintain and, where possible, enhance the ecological functions of the Corridor in linking Core Natural Areas or an

CONFIDENTIAL DISCUSSION DRAFT Page 3 of 4

alternative corridor should be developed. The underground collector lines would cross these Corridors.

The Niagara Peninsula Conservation Authority (NPCA), through its work on Source Protection Planning (see enclosed map), has identified a Highly Vulnerable Aquifer area along Station Road. Turbines 4 and 5 and the collector lines serving them are within the Highly Vulnerable Aquifer area. Regional Policy 7.A.2.9 states that development and site alteration shall not have significant adverse impacts on ground water quality or quantity. In areas where development and site alteration could significantly affect ground water quality or quantity the Region shall require further review of potential impacts. The project should have regard for the comments of the Niagara Peninsula Conservation Authority regarding groundwater protection.

Identify any issues and recommendations related to the identification any archaeological resource or heritage resource.

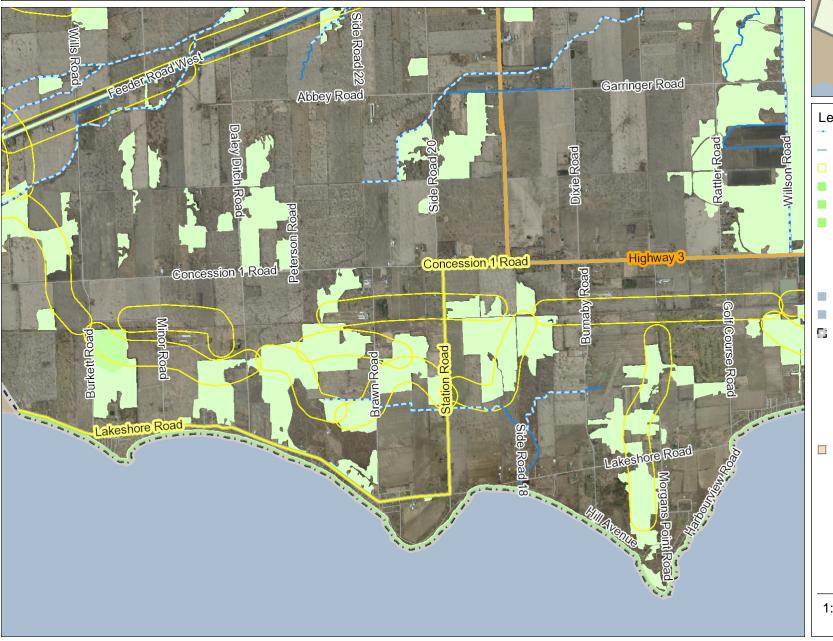
No concerns.

L:\Campbell-Don\Wainfleet\Renewable Energy\Wainfleet Wind Energy project\Renewable Energy Approval 2012\Municipal Consultation Form Rev – Wainfleet.docx

CONFIDENTIAL DISCUSSION DRAFT Page 4 of 4



# Wainfleet Wind Energy Project Core Natural Heritage Features





## Legend

- CNH Municipal Drain
- CNH Fish Habitat
- CNH Potential Natural Heritage
- ECA Valley Shoreline Buffer
- ECA Significant Woodlands
- ECA Other Evaluated Wetland
  Streets
  - Provincial
  - Regional
  - regional
  - Municipal & Other
- Welland Canal
- Niagara River
- Municipal Boundaries

#### Surround

- Outside Niagara
- Lake Erie; Lake Ontario; Niagara R

#### Hillshade

- High: 254
- Hillshade
- Low: 0
- 2010 Air Photos

## NIAGRA\_RASTER.GIS\_ADMI

- Red:Band 1
- Green:Band\_2
- Blue:Band\_3

#### NIAGRA\_RASTER.GIS\_ADMI

- Red:Band\_1
- Green:Band\_2
- Blue:Band\_3

NIAGRA\_RASTER.GIS\_ADMI

1:44,229



2.2 0 1.12 2.2 Kilometers

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

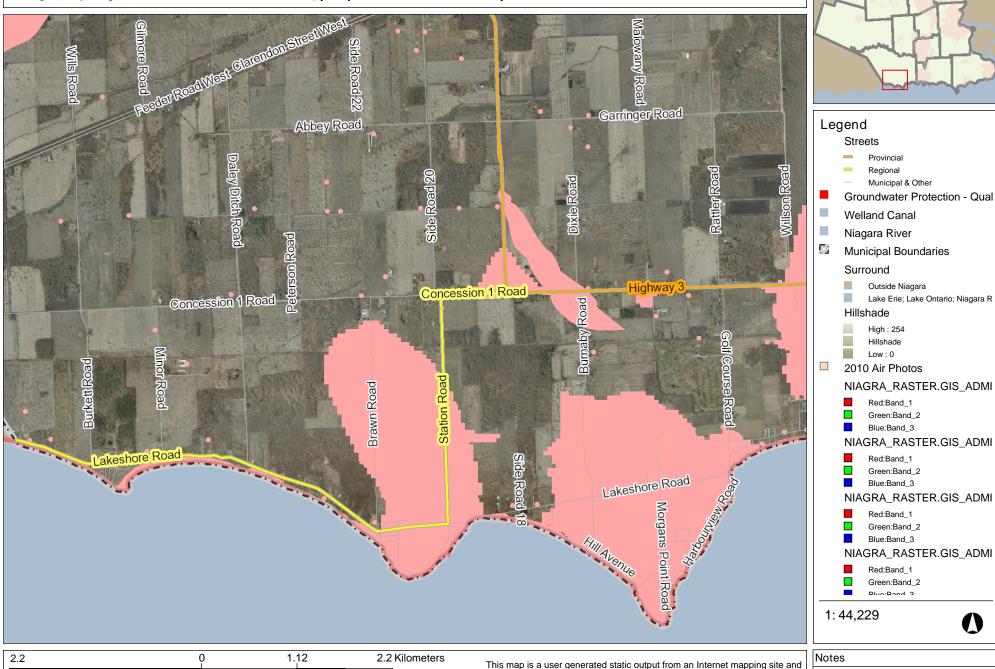
#### Notes

This map shows Core Natural Heritage features designated in the Niagara Region Policy Plan.



©Niagara Region

# Wainfleet Wind Energy Project Highly Vulnerable Aquifers



Enter a brief map description

is for reference only. Data layers that appear on this map may or may not be

accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION



©Niagara Region

## Wainfleet Wind Energy Project **Provincially Signficant Wetlands**





Enter a brief map description

2.2 1.12 2.2 Kilometers

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

WAINFLEET WIND ENERGY PROJECT CONSULTATION REPORT

**Appendix G: Aboriginal Consultation** 

#### **Ministry of the Environment**

Environmental Assessment and Approvals Branch

2 St. Clair Avenue West Floor 12A Toronto ON M4V 1L5

Tel.: 416 314-8001 Fax: 416 314-8452

July 9, 2010

#### Ministère de l'Environnement

Direction des évaluations et des autorisations environnementales

2, avenue St. Clair Ouest Étage 12A Toronto ON M4V 1L5 Tél.: 416 314-8001

Téléc. : 416 314-8452



MOE File #: WC-10-WF-0037

Mr. Sunny Galia Project Manager Wainfleet Energy Inc. and IPC Energy 2550 Argentia Road, Suite 105 Mississauga ON L5N 5R1

Dear Mr. Galia:

## RE: Director's Aboriginal Communities List - Wainfleet Wind Energy Project

The Ontario Ministry of Environment has reviewed the information provided in the draft of the Project Description Report (PDR) received for the Wainfleet Wind Energy Project. We have reviewed the anticipated negative environmental effects of the project (as described in the PDR) relative to our current understanding of the interests of aboriginal communities in the area.

In accordance with section 14 of the Renewable Energy Approval Regulation (O.Reg. 359/09), please find below the list of Aboriginal Communities that:

- 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. (O. Reg 359/09 s14(b)(i) and (ii))

**Aboriginal Community** 

Common Name:

**Reserve Name:** 

**Contact Information:** 

Mississaugas of the Credit First Nation

New Credit (Part) 40A

**RR 6** 

Hagersville ON N0A 1H0

Phone (905) 768-1133

Fax (905) 768-1225

Six Nations of the Grand River

Six Nations (Part) 40

PO Box 5000

Oshweken ON N0A 1M0

Phone (519) 445-2201

Fax (519) 445-4208

Six Nations of the Grand River

Haudenosaunee Confederacy Council

RR2

Oshwken ON NOA 1MO

Phone (519) 755-2769

Niagara Region Métis Council

46 King Street

Welland ON L3B 3H9

Phone (905) 714-9756 or 1-866-826-2116

Fax (905) 735-1161

Métis Nation of Ontario

**Consultation Unit** 

500 Old St. Patrick St, Unit 3

Ottawa ON K1N 9G4

None of the foregoing should be taken to imply approval of this project or the contents of the draft of the *Project Description Report*. This response only addresses the requirement of the Director to provide a list of aboriginal commuities to you as required in s. 14 of *O. Reg. 359/09*. You should also be aware that information upon which the above comments are based is subject to change. Aborginal communities can make assertions at any time, and other developments, for example the discovery of Aboriginal archaeological resources, can occur that might require additional communities to be notified. Should this happen, the ministry will contact you. Similarly, if you recieve any feedback from any aboriginal communities not included in this list as part of your public consultation, we would appreciate being notified.

Please contact Narren Santos at (416) 314-8442 should you have any questions or require additional information.

Sincerely.

Doris Dumais

Director

**Environmental Assessment Approvals Branch** 

Ministry of Environment

cc: Mansoor Mahmood, Renewable Energy Team, Ministry of the Environment Joe de Laronde, Aboriginal Affairs Branch, Ministry of the Environment



Métis Nation of Ontario Métis Consultation Unit 500 Old St. Patrick Street, Unit D Ottawa, Ontario K1N 9G4

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

To Whom It May Concern:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project. The purpose of this letter is to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House on August 24th, 2010. Please contact us if you believe that a meeting would be appropriate.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located south-western Ontario, in the Township of Wainfleet, in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached for your information. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All wind turbines are to be placed in open agricultural fields within the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH is currently preparing studies of the environmental effects of the development and operation of the proposed project in accordance with the requirements of the Act and Regulation. Where applicable, MH will work with the appropriate federal and provincial agencies to ensure that the project meets the requirements for federal and/or provincial permits or approvals. This may include an approval under the *Canadian Environmental Assessment Act* ("CEAA").

A draft Project Description Report titled Wainfleet Wind Energy Project Renewable Energy Approval Project Description Report has been prepared, which provides additional project

information and details. This document is available to anyone interested. A copy will be made available for public review at the Township of Wainfleet Office (19M43 Hwy. #3, P.O. Box 40, Wainfleet, Ontario, LOS 1V0). The draft Project Description Report can also be viewed on the project website at www.ipcenergy.ca.

**Public Open House #1:** If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. Public Open Houses provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. This will be the first of two Public Open Houses for this project; the next will be scheduled in the fall of 2010. We appreciate your input and welcome your attendance at our first Public Open House scheduled for:

Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

Location: Township of Wainfleet, Firefighters Memorial Community Hall

19M7 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995

E-mail: sunny@ipcenergy.ca

# Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com





Mr. Bryan LaForme Chief, Mississaugas of the New Credit First Nation 8545 Townline Road, RR 1 Hagersville. Ontario N0A 1H0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mr. LaForme:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project. The purpose of this letter is to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. The project is located outside of any comprehensive land claims. We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House on August 24th, 2010. Please contact us if you believe that a meeting would be appropriate.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located south-western Ontario, in the Township of Wainfleet, in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached for your information. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All wind turbines are to be placed in open agricultural fields within the required setbacks from residences, natural heritage, water, and other features required under the REA.

**Public Open House #1:** If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. Public Open Houses provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. This will be the first of two Public Open Houses for this project; the next will be scheduled in the fall of 2010. We appreciate your input and welcome your attendance at our first Public Open House scheduled for:

Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

Location: Township of Wainfleet, Firefighters Memorial Community Hall

19M7 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995

E-mail: sunny@ipcenergy.ca

# Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com

CC: Mr. Clynten King

Ms. Kerri L. King

Mr. Arland LaForme

Mr. Ralph Stacey LaForme

Mr. Adam Sault

Ms. Georgina Sault

Mr. Cecil Sault

Mr. Daniel S. LaForme





Mr. Clynten King Councillor, Mississaugas of the New Credit First Nation 2978 Mississauga Road, RR 6 Hagersville, Ontario N0A 1H0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mr. King:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project. The purpose of this letter is to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. The project is located outside of any comprehensive land claims. We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House on August 24th, 2010. Please contact us if you believe that a meeting would be appropriate.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located south-western Ontario, in the Township of Wainfleet, in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached for your information. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All wind turbines are to be placed in open agricultural fields within the required setbacks from residences, natural heritage, water, and other features required under the REA.

**Public Open House #1:** If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. Public Open Houses provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. This will be the first of two Public Open Houses for this project; the next will be scheduled in the fall of 2010. We appreciate your input and welcome your attendance at our first Public Open House scheduled for:

Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

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19M7 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995

E-mail: sunny@ipcenergy.ca

# Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com

CC: Mr. Bryan LaForme

Ms. Kerri L. King

Mr. Arland LaForme

Mr. Ralph Stacey LaForme

Mr. Adam Sault

Ms. Georgina Sault

Mr. Cecil Sault

Mr. Daniel S. LaForme





Ms. Kerri L. King Councillor, Mississaugas of the New Credit First Nation 314 Tuscarora Road, RR 6 Hagersville, Ontario N0A 1H0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Ms. King:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

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Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

Location: Township of Wainfleet, Firefighters Memorial Community Hall

19M7 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995

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Mr. Arland LaForme

Mr. Ralph Stacey LaForme

Mr. Adam Sault

Ms. Georgina Sault

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Mr. Daniel S. LaForme





Mr. Arland LaForme Councillor, Mississaugas of the New Credit First Nation 243 New Credit Road, RR 1 Hagersville, Ontario N0A 1H0

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Mr. Ralph Stacey LaForme Councillor, Mississaugas of the New Credit First Nation 2789 Mississauga Road, RR 6 Hagersville, Ontario NOA 1H0

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Ms. Georgina Sault

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Mr. Daniel S. LaForme





Mr. Adam Sault Councillor, Mississaugas of the New Credit First Nation 2789 Mississauga Road, RR 6 Hagersville, Ontario N0A 1H0

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Ms. Georgina Sault Councillor, Mississaugas of the New Credit First Nation 8867 Townline Road, RR 1 Hagersville, Ontario N0A 1H0

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Mr. Cecil Sault Councillor, Mississaugas of the New Credit First Nation 185 Ojibway Road, RR 1 Hagersville, Ontario N0A 1H0

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E-mail: sunny@ipcenergy.ca

# Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com

CC: Mr. Bryan LaForme

Mr. Clynten King

Ms. Kerri L. King

Mr. Arland LaForme

Mr. Ralph Stacey LaForme

Mr. Adam Sault

Ms. Georgina Sault

Mr. Cecil Sault

Mr. Daniel S. LaForme





Mr. William K. Montour Chief, Six Nations of the Grand River Territory P.O. Box 5000 Ohsweken, Ontario N0A 1M0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mr. Montour:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project as it is located in proximity to your comprehensive land claim. We would like the opportunity to present this project to you and to obtain your input on how we may improve the design or any aspect of the project. Also, as required under the Act and Regulation, we wish to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are available to meet with you and your representatives at our Public Open House on August 24th, 2010 or at another convenient occasion. Please contact us if you believe that a meeting would be appropriate.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located south-western Ontario, in the Township of Wainfleet, in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached for your information. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All wind turbines are to be placed in open agricultural fields within the required setbacks from residences, natural heritage, water, and other features required under the REA.

A draft Project Description Report titled *Wainfleet Wind Energy Project Renewable Energy Approval Project Description Report* has been prepared, which provides additional project information and details. This document is available to anyone interested. We have included a copy of the draft Project Description Report for your interest. The document can also be viewed on the project website at <a href="https://www.ipcenergy.ca">www.ipcenergy.ca</a>.

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Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

Location: Township of Wainfleet, Firefighters Memorial Community Hall

19M7 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

CC: Mr. David Hill

Ms. Claudine VanEvery-Albert

Ms. Gail Ava Hill Mr. Carl Hill

Ms. Ramona Joanne Johnson

Mr. Levi White
Ms. Helen Miller
Mr. Wray Maracle
Mr. George Montour
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Mr. David Hill
Councillor, District One
Six Nations of the Grand River Territory
RR 1
Scotland, Ontario N0E 1R0

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Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mr. Hill:

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Ms. Claudine VanEvery-Albert Councillor, District One Six Nations of the Grand River Territory RR 6 Hagersville, Ontario N0A 1H0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Ms. VanEvery-Albert:

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Ms. Ramona Joanne Johnson

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E-mail: jveale@morrisonhershfield.com





Ms. Gail Ava Hill Councillor, District Two Six Nations of the Grand River Territory RR 1 Ohsweken, Ontario N0A 1M0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Ms. Hill:

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CC: Mr. William Montour Mr. David Hill

Ms. Claudine VanEvery-Albert

Mr. Carl Hill

Ms. Ramona Joanne Johnson

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Mr. Carl Hill
Councillor, District Two
Six Nations of the Grand River Territory
RR 1
Ohsweken, Ontario N0A 1H0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

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Ms. Ramona Joanne Johnson Councillor, District Three Six Nations of the Grand River Territory RR 1 Ohsweken, Ontario N0A 1M0

Re: Notice of a Proposal to Engage in a Project
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Dear Ms. Johnson:

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Mr. Levi White Councillor, District Three Six Nations of the Grand River Territory RR 1 Ohsweken, Ontario N0A 1M0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mr. White:

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### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com





Ms. Helen Miller Councillor, District Four Six Nations of the Grand River Territory RR 2 Ohsweken, Ontario N0A 1M0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Ms. Miller:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project as it is located in proximity to your comprehensive land claim. We would like the opportunity to present this project to you and to obtain your input on how we may improve the design or any aspect of the project. Also, as required under the Act and Regulation, we wish to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are available to meet with you and your representatives at our Public Open House on August 24th, 2010 or at another convenient occasion. Please contact us if you believe that a meeting would be appropriate.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located south-western Ontario, in the Township of Wainfleet, in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached for your information. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All wind turbines are to be placed in open agricultural fields within the required setbacks from residences, natural heritage, water, and other features required under the REA.

A draft Project Description Report titled *Wainfleet Wind Energy Project Renewable Energy Approval Project Description Report* has been prepared, which provides additional project information and details. This document is available to anyone interested. We have included a copy of the draft Project Description Report for your interest. The document can also be viewed on the project website at <a href="https://www.ipcenergy.ca">www.ipcenergy.ca</a>.

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Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

Location: Township of Wainfleet, Firefighters Memorial Community Hall

19M7 Park Street, Wainfleet, Ontario, L0S 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

### Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

CC: Mr. William Montour Mr. David Hill

Ms. Claudine VanEvery-Albert

Ms. Gail Ava Hill Mr. Carl Hill

Ms. Ramona Joanne Johnson

Mr. Levi White Mr. Wray Maracle Mr. George Montour Mr. Christopher Martin Ms. Barbara Harris

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E-mail: jveale@morrisonhershfield.com





Mr. Wray Maracle Councillor, District Four Six Nations of the Grand River Territory P.O. Box 365 Ohsweken, Ontario NOA 1M0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mr. Maracle:

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Ms. Gail Ava Hill Mr. Carl Hill

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Mr. George Montour
Councillor, District Five
Six Nations of the Grand River Territory
RR 1
Ohsweken, Ontario N0A 1M0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mr. Montour:

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E-mail: jveale@morrisonhershfield.com





Mr. Christopher Martin Councillor, District Five Six Nations of the Grand River Territory RR 6 Hagersville, Ontario N0A 1H0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mr. Martin:

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E-mail: jveale@morrisonhershfield.com





Ms. Barbara Harris Councillor, District Six Six Nations of the Grand River Territory RR 2 Ohsweken, Ontario N0A 1M0

Re: Notice of a Proposal to Engage in a Project
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Dear Ms. Harris:

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Ms. Melva Thomas Councillor, District Six Six Nations of the Grand River Territory RR 2 Ohsweken, Ontario N0A 1M0

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Notice of Public Open House for Wainfleet Wind Energy Project

Dear Ms. Thomas:

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Six Nations of the Grand River Haudenosaunee Confederacy Council R.R. #2 Ohsweken, Ontario N0A 1M0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

To Whom It May Concern:

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Mr. Richard Paquette
President, Niagara Region Métis Council
46 King Street, Suite 201-203
Welland. Ontario L3B 3H9

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mr. Paquette:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project. The purpose of this letter is to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House on August 24th, 2010. Please contact us if you believe that a meeting would be appropriate.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located south-western Ontario, in the Township of Wainfleet, in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached for your information. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All wind turbines are to be placed in open agricultural fields within the required setbacks from residences, natural heritage, water, and other features required under the REA.

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Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

Location: Township of Wainfleet, Firefighters Memorial Community Hall

19M7 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995

E-mail: sunny@ipcenergy.ca

### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com

CC: Mr. Reg Bernier

Ms. Valerie Bose

Ms. Amanda Pont-Shanks

Mr. Pierre Carré

Mr. Derrick Pont

Ms. Suzanne Matte

Ms. Sarah Macdonald

Ms. Barbaranne Wright

Ms. Andrea Paquette

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Mr. Reg Bernier Councillor, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mr. Bernier:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

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Office: (416) 499-3110 Fax: (416) 499-9658

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CC: Mr. Richard Paquette

Ms. Valerie Bose

Ms. Amanda Pont-Shanks

Mr. Pierre Carré

Mr. Derrick Pont

Ms. Suzanne Matte

Ms. Sarah Macdonald

Ms. Barbaranne Wright

Ms. Andrea Paquette





Ms. Valerie Bose Councillor, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland. Ontario L3B 3H9

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Ms. Bose:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

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E-mail: sunny@ipcenergy.ca

### Mr. Jonathan Veale

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Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com

CC: Mr. Richard Paquette

Mr. Reg Bernier

Ms. Amanda Pont-Shanks

Mr. Pierre Carré

Mr. Derrick Pont

Ms. Suzanne Matte

Ms. Sarah Macdonald

Ms. Barbaranne Wright

Ms. Andrea Paquette





Ms. Amanda Pont-Shanks Councillor, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland. Ontario L3B 3H9

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Ms. Pont-Shanks:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

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Yours truly,

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Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995

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### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com

CC: Mr. Richard Paquette

Mr. Reg Bernier

Ms. Valerie Bose

Mr. Pierre Carré

Mr. Derrick Pont

Ms. Suzanne Matte

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Ms. Andrea Paquette

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Mr. Pierre Carré Councillor, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mr. Carré:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

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Mr. Reg Bernier

Ms. Valerie Bose

Ms. Amanda Pont-Shanks

Mr. Derrick Pont

Ms. Suzanne Matte

Ms. Sarah Macdonald

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Ms. Andrea Paquette





Mr. Derrick Pont Chair, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mr. Pont:

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Ms. Suzanne Matte Treasurer, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland. Ontario L3B 3H9

Re: Notice of a Proposal to Engage in a Project
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Dear Ms. Matte:

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E-mail: sunny@ipcenergy.ca

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Mr. Reg Bernier

Ms. Valerie Bose

Ms. Amanda Pont-Shanks

Mr. Pierre Carré

Mr. Derrick Pont

Ms. Sarah Macdonald

Ms. Barbaranne Wright

Ms. Andrea Paquette





Ms. Sarah Macdonald Secretary, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland. Ontario L3B 3H9

Re: Notice of a Proposal to Engage in a Project
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MH is currently preparing studies of the environmental effects of the development and operation of the proposed project in accordance with the requirements of the Act and Regulation. Where applicable, MH will work with the appropriate federal and provincial agencies to ensure that the project meets the requirements for federal and/or provincial permits or approvals. This may include an approval under the *Canadian Environmental Assessment Act* ("CEAA").

**Public Open House #1:** If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. Public Open Houses provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. This will be the first of two Public Open Houses for this project; the next will be scheduled in the fall of 2010. We appreciate your input and welcome your attendance at our first Public Open House scheduled for:

Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

Location: Township of Wainfleet, Firefighters Memorial Community Hall

19M7 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995

E-mail: sunny@ipcenergy.ca

### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com

CC: Mr. Richard Paquette

Mr. Reg Bernier

Ms. Valerie Bose

Ms. Amanda Pont-Shanks

Mr. Pierre Carré

Mr. Derrick Pont

Ms. Suzanne Matte

Ms. Barbaranne Wright

Ms. Andrea Paquette

 $\mbox{K:PROJ:} 1104036\mbox{NOTICE OF PROPOSAL\_WAINFLEET\_AGENCY LTTR\_MAY12\_10.DOC} \label{eq:proj:DOC} \mbox{July 22, } 2010$ 



Ms. Barbaranne Wright Women's Representative & Genealogist Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Ms. Wright:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project. The purpose of this letter is to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House on August 24th, 2010. Please contact us if you believe that a meeting would be appropriate.

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A draft Project Description Report titled *Wainfleet Wind Energy Project Renewable Energy Approval Project Description Report* has been prepared, which provides additional project information and details. This document is available to anyone interested. A copy will be made available for public review at the Township of Wainfleet Office (19M43 Hwy. #3, P.O. Box 40,



Wainfleet, Ontario, LOS 1V0). The draft Project Description Report can also be viewed on the project website at www.ipcenergy.ca.

**Public Open House #1:** If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. Public Open Houses provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. This will be the first of two Public Open Houses for this project; the next will be scheduled in the fall of 2010. We appreciate your input and welcome your attendance at our first Public Open House scheduled for:

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Yours truly,

### Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995

E-mail: sunny@ipcenergy.ca

# Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com

CC: Mr. Richard Paquette

Mr. Reg Bernier

Ms. Valerie Bose

Ms. Amanda Pont-Shanks

Mr. Pierre Carré

Mr. Derrick Pont

Ms. Suzanne Matte

Ms. Sarah Macdonald

Ms. Andrea Paquette





Ms. Andrea Paquette Youth Representative Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Ms. Paquette:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

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19M7 Park Street, Wainfleet, Ontario, L0S 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

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### Mr. Jonathan Veale

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CC: Mr. Richard Paquette

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Mr. Pierre Carré

Mr. Derrick Pont

Ms. Suzanne Matte

Ms. Sarah Macdonald

Ms. Barbaranne Wright

m-



November 24, 2010

Métis Nation of Ontario, Métis Consultation Unit 500 Old St. Patrick Street, Unit D Ottawa, Ontario K1N 9G4

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

To whom it may concern:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within any comprehensive land claim and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

For your assessment, we have included the following attachments for your review and comment:

- A Notice of Proposal originally sent to you July 22, 2010.
- A compact disc (CD) containing the following <u>draft</u> reports:
  - o Project Description
  - Wind Turbine Specification
  - o Design and Operations Report
  - o Construction Plan Report
  - o Decommissioning Plan Report
  - Natural Heritage Assessment Report
  - Water Report
  - o Archaeological Stage 1 and Stage 2 Reports
  - Cultural Heritage Report
  - Environmental Impact Statement
  - o Environmental Effects Monitoring Plan
  - Land-use, Natural Heritage, and Ecological Land Classification Maps

The draft reports contained on the CD are subject to change based upon public, agency, municipal, and Aboriginal consultations. If you should have any comments about these documents or wish to obtain paper copies, please contact us.

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). We are notifying you in accordance with sections 14 and 15 of the Regulation.

The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project. We would like the opportunity to present this project to you and to obtain your input on how we may improve the design or any aspect of the project. Also, as provided on July 22, 2010 and as required under the Act and Regulation, we wish to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are available to meet with you and your representatives at our next Public Open House, tentatively scheduled in late February, 2011 or at another convenient occasion. As soon as we have determined a date for the next Public Open House we will inform you by letter and public notice. We are also examining other approaches to reach out to the Aboriginal community. Please contact us if you believe that a meeting would be appropriate or if you have any suggestions about how we may consult with you.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located in south-western Ontario, entirely in the Township of Wainfleet, in Niagara Region. The study area is found south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached as part of the Notice of Proposal and other maps are provided on the CD. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 9.0 megawatts (MW) of renewable energy. Environmental studies have been conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed. All wind turbines would be placed in open agricultural fields adhering to the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH has submitted the Natural Heritage Assessment, Cultural Heritage Assessment, and Archaeological Assessments for Ministry review and comment, as required under the Act and Regulation. Once these have been deemed complete, these documents will also be available to you.



Yours truly,

### Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Mr. Bryan LaForme Chief, Mississaugas of the New Credit First Nation 8545 Townline Road, RR 1 Hagersville, Ontario N0A 1H0

Re: Wainfleet Wind Energy Project Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. LaForme:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

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### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Mr. Clynten King Councillor, Mississaugas of the New Credit First Nation 2978 Mississauga Road, RR 6 Hagersville, Ontario N0A 1H0

Re: Wainfleet Wind Energy Project Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. King:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

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Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Ms. Kerri L. King Councillor, Mississaugas of the New Credit First Nation 314 Tuscarora Road, RR 6 Hagersville, Ontario N0A 1H0

Re: Wainfleet Wind Energy Project Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

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Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Mr. Arland LaForme Councillor, Mississaugas of the New Credit First Nation 243 New Credit Road, RR 1 Hagersville, Ontario N0A 1H0

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. LaForme:

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**About the Proposal:** The proposed Wainfleet Wind Energy Project is located in south-western Ontario, entirely in the Township of Wainfleet, in Niagara Region. The study area is found south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached as part of the Notice of Proposal and other maps are provided on the CD. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 9.0 megawatts (MW) of renewable energy. Environmental studies have been conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed. All wind turbines would be placed in open agricultural fields adhering to the required setbacks from residences, natural heritage, water, and other features required under the REA.

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Yours truly,

### Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Mr. Ralph Stacey LaForme Councillor, Mississaugas of the New Credit First Nation 2789 Mississauga Road, RR 6 Hagersville, Ontario N0A 1H0

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. LaForme:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

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### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Mr. Adam Sault Councillor, Mississaugas of the New Credit First Nation 2789 Mississauga Road, RR 6 Hagersville, Ontario N0A 1H0

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. Sault:

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Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Ms. Georgina Sault Councillor, Mississaugas of the New Credit First Nation 8867 Townline Road, RR 1 Hagersville, Ontario N0A 1H0

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Ms. Sault:

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Mr. Cecil Sault Councillor, Mississaugas of the New Credit First Nation 185 Ojibway Road, RR 1 Hagersville, Ontario N0A 1H0

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Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

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Ms. Daniel S. LaForme Councillor, Mississaugas of the New Credit First Nation 2789 Mississauga Road, RR 6 Hagersville, Ontario N0A 1H0

Re: Wainfleet Wind Energy Project
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Ms. Maureen LaForme Councillor, Mississaugas of the New Credit First Nation 2789 Mississauga Road, RR 6 Hagersville, Ontario N0A 1H0

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Mr. Richard Paquette President, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. Paquette:

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The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project. We would like the opportunity to present this project to you and to obtain your input on how we may improve the design or any aspect of the project. Also, as provided on July 22, 2010 and as required under the Act and Regulation, we wish to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are available to meet with you and your representatives at our next Public Open House, tentatively scheduled in late February, 2011 or at another convenient occasion. As soon as we have determined a date for the next Public Open House we will inform you by letter and public notice. We are also examining other approaches to reach out to the Aboriginal community. Please contact us if you believe that a meeting would be appropriate or if you have any suggestions about how we may consult with you.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located in south-western Ontario, entirely in the Township of Wainfleet, in Niagara Region. The study area is found south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached as part of the Notice of Proposal and other maps are provided on the CD. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 9.0 megawatts (MW) of renewable energy. Environmental studies have been conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed. All wind turbines would be placed in open agricultural fields adhering to the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH has submitted the Natural Heritage Assessment, Cultural Heritage Assessment, and Archaeological Assessments for Ministry review and comment, as required under the Act and Regulation. Once these have been deemed complete, these documents will also be available to you.



Yours truly,

### Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Mr. Reg Bernier Councillor, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. Bernier:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within any comprehensive land claim and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

For your assessment, we have included the following attachments for your review and comment:

- A Notice of Proposal originally sent to you July 22, 2010.
- A compact disc (CD) containing the following <u>draft</u> reports:
  - o Project Description
  - Wind Turbine Specification
  - Design and Operations Report
  - o Construction Plan Report
  - o Decommissioning Plan Report
  - Natural Heritage Assessment Report
  - o Water Report
  - Archaeological Stage 1 and Stage 2 Reports
  - Cultural Heritage Report
  - o Environmental Impact Statement
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Yours truly,

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## Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

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Ms. Valerie Bose Councillor, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Ms. Bose:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within any comprehensive land claim and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

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Yours truly,

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## Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

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Ms. Amanda Pont-Shanks Councillor, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Wainfleet Wind Energy Project Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Ms. Pont-Shanks:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within any comprehensive land claim and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

For your assessment, we have included the following attachments for your review and comment:

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## Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Mr. Pierre Carré Councillor, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. Carré:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

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## Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Mr. Derrick Pont Chair, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. Pont:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

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## Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Ms. Suzanne Matte Treasurer, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Ms. Matte:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within any comprehensive land claim and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

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Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

## Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Ms. Sarah Macdonald Secretary, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Wainfleet Wind Energy Project Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Ms. Macdonald:

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The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project. We would like the opportunity to present this project to you and to obtain your input on how we may improve the design or any aspect of the project. Also, as provided on July 22, 2010 and as required under the Act and Regulation, we wish to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are available to meet with you and your representatives at our next Public Open House, tentatively scheduled in late February, 2011 or at another convenient occasion. As soon as we have determined a date for the next Public Open House we will inform you by letter and public notice. We are also examining other approaches to reach out to the Aboriginal community. Please contact us if you believe that a meeting would be appropriate or if you have any suggestions about how we may consult with you.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located in south-western Ontario, entirely in the Township of Wainfleet, in Niagara Region. The study area is found south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached as part of the Notice of Proposal and other maps are provided on the CD. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 9.0 megawatts (MW) of renewable energy. Environmental studies have been conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed. All wind turbines would be placed in open agricultural fields adhering to the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH has submitted the Natural Heritage Assessment, Cultural Heritage Assessment, and Archaeological Assessments for Ministry review and comment, as required under the Act and Regulation. Once these have been deemed complete, these documents will also be available to you.



Yours truly,

## Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

## Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Ms. Barbaranne Wright Women's Representative & Genealogist Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Ms. Wright:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within any comprehensive land claim and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

For your assessment, we have included the following attachments for your review and comment:

- A Notice of Proposal originally sent to you July 22, 2010.
- A compact disc (CD) containing the following draft reports:
  - o Project Description
  - Wind Turbine Specification
  - Design and Operations Report
  - o Construction Plan Report
  - o Decommissioning Plan Report
  - Natural Heritage Assessment Report
  - o Water Report
  - o Archaeological Stage 1 and Stage 2 Reports
  - o Cultural Heritage Report
  - Environmental Impact Statement
  - o Environmental Effects Monitoring Plan
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The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project. We would like the opportunity to present this project to you and to obtain your input on how we may improve the design or any aspect of the project. Also, as provided on July 22, 2010 and as required under the Act and Regulation, we wish to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are available to meet with you and your representatives at our next Public Open House, tentatively scheduled in late February, 2011 or at another convenient occasion. As soon as we have determined a date for the next Public Open House we will inform you by letter and public notice. We are also examining other approaches to reach out to the Aboriginal community. Please contact us if you believe that a meeting would be appropriate or if you have any suggestions about how we may consult with you.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located in south-western Ontario, entirely in the Township of Wainfleet, in Niagara Region. The study area is found south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached as part of the Notice of Proposal and other maps are provided on the CD. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 9.0 megawatts (MW) of renewable energy. Environmental studies have been conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed. All wind turbines would be placed in open agricultural fields adhering to the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH has submitted the Natural Heritage Assessment, Cultural Heritage Assessment, and Archaeological Assessments for Ministry review and comment, as required under the Act and Regulation. Once these have been deemed complete, these documents will also be available to you.



Yours truly,

## Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

## Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Ms. Andrea Paquette Youth Representative, Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Ms. Paquette:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within any comprehensive land claim and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

For your assessment, we have included the following attachments for your review and comment:

- A Notice of Proposal originally sent to you July 22, 2010.
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**About the Proposal:** The proposed Wainfleet Wind Energy Project is located in south-western Ontario, entirely in the Township of Wainfleet, in Niagara Region. The study area is found south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached as part of the Notice of Proposal and other maps are provided on the CD. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 9.0 megawatts (MW) of renewable energy. Environmental studies have been conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed. All wind turbines would be placed in open agricultural fields adhering to the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH has submitted the Natural Heritage Assessment, Cultural Heritage Assessment, and Archaeological Assessments for Ministry review and comment, as required under the Act and Regulation. Once these have been deemed complete, these documents will also be available to vou.



Yours truly,

## Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

## Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Mr. William K. Montour Chief, Six Nations of the Grand River Territory P.O. Box 5000, Ohsweken, Ontario N0A 1M0

# Re: Wainfleet Wind Energy Project Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. Montour:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within your comprehensive land claim (i.e. the Haldimand Tract) and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

For your assessment, we have included the following attachments for your review and comment:

- A Notice of Proposal originally sent to you July 22, 2010.
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The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project as it is located outside, but in proximity to your comprehensive land claim. We would like the opportunity to present this project to you and to obtain your input on how we may improve the design or any aspect of the project. Also as provided on July 22, 2010 and as required under the Act and Regulation, we wish to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are available to meet with you and your representatives at our next Public Open House, tentatively scheduled in late February, 2011 or at another convenient occasion. As soon as we have determined a date for the next Public Open House we will inform you by letter and public notice. We are also examining other approaches to reach out to the Aboriginal community. Please contact us if you believe that a meeting would be appropriate or if you have any suggestions about how we may consult with you.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located in south-western Ontario, entirely in the Township of Wainfleet, in Niagara Region. The study area is found south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached as part of the Notice of Proposal and other maps are provided on the CD. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 9.0 megawatts (MW) of renewable energy. Environmental studies have been conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed. All wind turbines would be placed in open agricultural fields adhering to the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH has submitted the Natural Heritage Assessment, Cultural Heritage Assessment, and Archaeological Assessments for Ministry review and comment, as required under the Act and Regulation. Once these have been deemed complete, these documents will also be available to you.



Yours truly,

## Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

CC: Mr. David Hill

Ms. Claudine VanEvery-Albert

Ms. Gail Ava Hill Mr. Carl Hill

Ms. Ramona Joanne Johnson

Mr. Levi White
Ms. Helen Miller
Mr. Wray Maracle
Mr. George Montour
Mr. Christopher Martin
Ms. Barbara Harris
Ms. Melva Thomas

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Mr. David Hill Councillor, District One, Six Nations of the Grand River Territory RR 1, Scotland, Ontario N0E 1R0

# Re: Wainfleet Wind Energy Project Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. Hill:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within your comprehensive land claim (i.e. the Haldimand Tract) and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

For your assessment, we have included the following attachments for your review and comment:

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  - Environmental Impact Statement
  - o Environmental Effects Monitoring Plan
  - Land-use, Natural Heritage, and Ecological Land Classification Maps

The draft reports contained on the CD are subject to change based upon public, agency, municipal, and Aboriginal consultations. If you should have any comments about these documents or wish to obtain paper copies, please contact us.

#### Notice of Proposal and Notice of Public Open House (From July 22, 2010)

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained

IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). We are notifying you in accordance with sections 14 and 15 of the Regulation.

The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project as it is located outside, but in proximity to your comprehensive land claim. We would like the opportunity to present this project to you and to obtain your input on how we may improve the design or any aspect of the project. Also as provided on July 22, 2010 and as required under the Act and Regulation, we wish to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are available to meet with you and your representatives at our next Public Open House, tentatively scheduled in late February, 2011 or at another convenient occasion. As soon as we have determined a date for the next Public Open House we will inform you by letter and public notice. We are also examining other approaches to reach out to the Aboriginal community. Please contact us if you believe that a meeting would be appropriate or if you have any suggestions about how we may consult with you.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located in south-western Ontario, entirely in the Township of Wainfleet, in Niagara Region. The study area is found south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached as part of the Notice of Proposal and other maps are provided on the CD. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 9.0 megawatts (MW) of renewable energy. Environmental studies have been conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed. All wind turbines would be placed in open agricultural fields adhering to the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH has submitted the Natural Heritage Assessment, Cultural Heritage Assessment, and Archaeological Assessments for Ministry review and comment, as required under the Act and Regulation. Once these have been deemed complete, these documents will also be available to you.



Yours truly,

## Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

CC: Chief William Montour

Ms. Claudine VanEvery-Albert

Ms. Gail Ava Hill Mr. Carl Hill

Ms. Ramona Joanne Johnson

Mr. Levi White
Ms. Helen Miller
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Mr. George Montour
Mr. Christopher Martin
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Ms. Melva Thomas

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Ms. Claudine VanEvery-Albert Councillor, District One Six Nations of the Grand River Territory RR 6, Hagersville, Ontario NOA 1H0

# Re: Wainfleet Wind Energy Project Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Ms. VanEvery-Albert:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within your comprehensive land claim (i.e. the Haldimand Tract) and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

For your assessment, we have included the following attachments for your review and comment:

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Yours truly,

## Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

CC: Chief William Montour

Mr. David Hill Ms. Gail Ava Hill Mr. Carl Hill

Ms. Ramona Joanne Johnson

Mr. Levi White
Ms. Helen Miller
Mr. Wray Maracle
Mr. George Montour
Mr. Christopher Martin
Ms. Barbara Harris
Ms. Melva Thomas

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Ms. Gail Ava Hill Councillor, District Two Six Nations of the Grand River Territory RR 1, Ohsweken, Ontario N0A 1M0

# Re: Wainfleet Wind Energy Project Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Ms. Hill:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

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Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

CC: Chief William Montour

Mr. David Hill

Ms. Claudine VanEvery-Albert

Mr. Carl Hill

Ms. Ramona Joanne Johnson

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Mr. George Montour
Mr. Christopher Martin
Ms. Barbara Harris
Ms. Melva Thomas

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Mr. Carl Hill
Councillor, District Two
Six Nations of the Grand River Territory
RR 1, Ohsweken, Ontario N0A 1H0

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. Hill:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within your comprehensive land claim (i.e. the Haldimand Tract) and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

For your assessment, we have included the following attachments for your review and comment:

- A Notice of Proposal originally sent to you July 22, 2010.
- A compact disc (CD) containing the following <u>draft</u> reports:
  - Project Description
  - Wind Turbine Specification
  - Design and Operations Report
  - Construction Plan Report
  - Decommissioning Plan Report
  - Natural Heritage Assessment Report
  - Water Report
  - Archaeological Stage 1 and Stage 2 Reports
  - Cultural Heritage Report
  - Environmental Impact Statement
  - Environmental Effects Monitoring Plan
  - Land-use, Natural Heritage, and Ecological Land Classification Maps

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). We are notifying you in accordance with sections 14 and 15 of the Regulation.

The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project as it is located outside, but in proximity to your comprehensive land claim. We would like the opportunity to present this project to you and to obtain your input on how we may improve the design or any aspect of the project. Also as provided on July 22, 2010 and as required under the Act and Regulation, we wish to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are available to meet with you and your representatives at our next Public Open House, tentatively scheduled in late February, 2011 or at another convenient occasion. As soon as we have determined a date for the next Public Open House we will inform you by letter and public notice. We are also examining other approaches to reach out to the Aboriginal community. Please contact us if you believe that a meeting would be appropriate or if you have any suggestions about how we may consult with you.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located in south-western Ontario, entirely in the Township of Wainfleet, in Niagara Region. The study area is found south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached as part of the Notice of Proposal and other maps are provided on the CD. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 9.0 megawatts (MW) of renewable energy. Environmental studies have been conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed. All wind turbines would be placed in open agricultural fields adhering to the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH has submitted the Natural Heritage Assessment, Cultural Heritage Assessment, and Archaeological Assessments for Ministry review and comment, as required under the Act and Regulation. Once these have been deemed complete, these documents will also be available to you.



Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

CC: Chief William Montour

Mr. David Hill

Ms. Claudine VanEvery-Albert

Ms. Gail Ava Hill

Ms. Ramona Joanne Johnson

Mr. Levi White
Ms. Helen Miller
Mr. Wray Maracle
Mr. George Montour
Mr. Christopher Martin
Ms. Barbara Harris
Ms. Melva Thomas

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Ms. Ramona Joanne Johnson Councillor, District Three Six Nations of the Grand River Territory RR 1, Ohsweken, Ontario N0A 1M0

# Re: Wainfleet Wind Energy Project Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Ms. Johnson:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

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MH has submitted the Natural Heritage Assessment, Cultural Heritage Assessment, and Archaeological Assessments for Ministry review and comment, as required under the Act and Regulation. Once these have been deemed complete, these documents will also be available to you.



Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

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Mr. George Montour
Mr. Christopher Martin
Ms. Barbara Harris
Ms. Melva Thomas

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

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Mr. Levi White Councillor, District Three Six Nations of the Grand River Territory RR 1, Ohsweken, Ontario N0A 1M0

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. White:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

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MH has submitted the Natural Heritage Assessment, Cultural Heritage Assessment, and Archaeological Assessments for Ministry review and comment, as required under the Act and Regulation. Once these have been deemed complete, these documents will also be available to you.



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Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

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CC: Chief William Montour

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#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Ms. Helen Miller Councillor, District Four Six Nations of the Grand River Territory RR 2, Ohsweken, Ontario N0A 1M0

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Ms. Miller:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within your comprehensive land claim (i.e. the Haldimand Tract) and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

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  - Archaeological Stage 1 and Stage 2 Reports
  - Cultural Heritage Report
  - Environmental Impact Statement
  - Environmental Effects Monitoring Plan
  - Land-use, Natural Heritage, and Ecological Land Classification Maps

The draft reports contained on the CD are subject to change based upon public, agency, municipal, and Aboriginal consultations. If you should have any comments about these documents or wish to obtain paper copies, please contact us.

Notice of Proposal and Notice of Public Open House (From July 22, 2010)

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). We are notifying you in accordance with sections 14 and 15 of the Regulation.

The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project as it is located outside, but in proximity to your comprehensive land claim. We would like the opportunity to present this project to you and to obtain your input on how we may improve the design or any aspect of the project. Also as provided on July 22, 2010 and as required under the Act and Regulation, we wish to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are available to meet with you and your representatives at our next Public Open House, tentatively scheduled in late February, 2011 or at another convenient occasion. As soon as we have determined a date for the next Public Open House we will inform you by letter and public notice. We are also examining other approaches to reach out to the Aboriginal community. Please contact us if you believe that a meeting would be appropriate or if you have any suggestions about how we may consult with you.

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MH has submitted the Natural Heritage Assessment, Cultural Heritage Assessment, and Archaeological Assessments for Ministry review and comment, as required under the Act and Regulation. Once these have been deemed complete, these documents will also be available to you.



Yours truly,

# Mr. Sunny Galia

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Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

CC: Chief William Montour

Mr. David Hill

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Ms. Gail Ava Hill Mr. Carl Hill

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Ms. Barbara Harris
Ms. Melva Thomas

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Mr. Wray Maracle Councillor, District Four Six Nations of the Grand River Territory P.O. Box 365, Ohsweken, Ontario NOA 1M0

# Re: Wainfleet Wind Energy Project Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. Maracle:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

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Yours truly,

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Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

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#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Mr. George Montour Councillor, District Five Six Nations of the Grand River Territory RR 1, Ohsweken, Ontario N0A 1M0

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. Montour:

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#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Mr. Christopher Martin Councillor, District Five Six Nations of the Grand River Territory RR 6, Hagersville, Ontario NOA 1H0

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Mr. Martin:

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**About the Proposal:** The proposed Wainfleet Wind Energy Project is located in south-western Ontario, entirely in the Township of Wainfleet, in Niagara Region. The study area is found south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached as part of the Notice of Proposal and other maps are provided on the CD. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 9.0 megawatts (MW) of renewable energy. Environmental studies have been conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed. All wind turbines would be placed in open agricultural fields adhering to the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH has submitted the Natural Heritage Assessment, Cultural Heritage Assessment, and Archaeological Assessments for Ministry review and comment, as required under the Act and Regulation. Once these have been deemed complete, these documents will also be available to you.



Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

CC: Chief William Montour

Mr. David Hill

Ms. Claudine VanEvery-Albert

Ms. Gail Ava Hill

Mr. Carl Hill

Ms. Ramona Joanne Johnson

Mr. Levi White
Ms. Helen Miller
Mr. Wray Maracle
Mr. George Montour
Ms. Barbara Harris
Ms. Melva Thomas

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Ms. Barbara Harris
Councillor, District Six
Six Nations of the Grand River Territory
RR 2, Ohsweken, Ontario N0A 1M0

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Ms. Harris:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within your comprehensive land claim (i.e. the Haldimand Tract) and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

For your assessment, we have included the following attachments for your review and comment:

- A Notice of Proposal originally sent to you July 22, 2010.
- A compact disc (CD) containing the following <u>draft</u> reports:
  - Project Description
  - Wind Turbine Specification
  - Design and Operations Report
  - Construction Plan Report
  - Decommissioning Plan Report
  - Natural Heritage Assessment Report
  - Water Report
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  - Cultural Heritage Report
  - Environmental Impact Statement
  - Environmental Effects Monitoring Plan
  - Land-use, Natural Heritage, and Ecological Land Classification Maps

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The Ontario Ministry of the Environment has provided us with your contact information and indicated that you may be interested in this project as it is located outside, but in proximity to your comprehensive land claim. We would like the opportunity to present this project to you and to obtain your input on how we may improve the design or any aspect of the project. Also as provided on July 22, 2010 and as required under the Act and Regulation, we wish to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are available to meet with you and your representatives at our next Public Open House, tentatively scheduled in late February, 2011 or at another convenient occasion. As soon as we have determined a date for the next Public Open House we will inform you by letter and public notice. We are also examining other approaches to reach out to the Aboriginal community. Please contact us if you believe that a meeting would be appropriate or if you have any suggestions about how we may consult with you.

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Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

CC: Chief William Montour

Mr. David Hill

Ms. Claudine VanEvery-Albert

Ms. Gail Ava Hill

Mr. Carl Hill

Ms. Ramona Joanne Johnson

Mr. Levi White Ms. Helen Miller Mr. Wray Maracle Mr. George Montour Mr. Christopher Martin

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Ms. Melva Thomas Councillor, District Six Six Nations of the Grand River Territory RR 2, Ohsweken, Ontario N0A 1M0

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

Dear Ms. Thomas:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within your comprehensive land claim (i.e. the Haldimand Tract) and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

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Yours truly,

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Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

CC: Chief William Montour

Mr. David Hill

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#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Six Nations of the Grand River Haudenosaunee Confederacy Council RR 2, Ohsweken, Ontario N0A 1M0

# Re: Wainfleet Wind Energy Project Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

To whom it may concern:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

This proposal is not located within your comprehensive land claim (i.e. the Haldimand Tract) and we do not reasonably believe that the proposal will affect your rights and interests. Nevertheless, we wish to provide you with additional information about the project and to solicit your thoughts so that you may make such an assessment yourself. If you believe that this proposal will affect your rights and interests, please notify us soon as possible.

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  - o Land-use, Natural Heritage, and Ecological Land Classification Maps

The draft reports contained on the CD are subject to change based upon public, agency, municipal, and Aboriginal consultations. If you should have any comments about these documents or wish to obtain paper copies, please contact us.

Notice of Proposal and Notice of Public Open House (From July 22, 2010)

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). We are notifying you in accordance with sections 14 and 15 of the Regulation.

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Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

CC: Chief William Montour

Mr. David Hill

Ms. Claudine VanEvery-Albert

Ms. Gail Ava Hill Mr. Carl Hill

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#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





Six Nations of the Grand River Elected Council 1695 Chiefswood Rd. P. O. Box 5000 Ohsweken ON, N0A 1M0

Re: Wainfleet Wind Energy Project
Follow-up Letter Regarding a Proposal to Engage in a Wind Energy Project

To whom it may concern:

On July 22, 2010 we sent you a letter containing a *Notice of a Proposal to Engage in a Project and Notice of a Public Open House* for the Wainfleet Wind Energy Project. To date, we have not received any correspondence from you in regards to this project.

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Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: sunny@ipcenergy.ca

CC: Chief William Montour

Mr. David Hill

Ms. Claudine VanEvery-Albert

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Ms. Ramona Joanne Johnson

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Mr. George Montour
Mr. Christopher Martin
Ms. Barbara Harris
Ms. Melva Thomas

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658





April 30, 2012

Chief William K. Montour Six Nations of the Grand River 1696 Chiefswood Road PO Box 5000 Ohsweken, Ontario NOA 1M0

Re: Proposed Wainfleet Wind Energy Project

### Dear Chief Montour:

The purpose of this letter is to provide you with an update regarding the Wainfleet Wind Energy Project and to again solicit your feedback. In correspondence dated July 22, 2010 the project team sent you a letter containing a Notice of a Proposal to Engage in a Project and Notice of a Public Open House. On November 24<sup>th</sup> 2010, a letter was sent to you and your elected council, along with draft copies of project reports and materials for review and comment. To date, we have yet to receive any correspondence from you in regards to this project.

Under Ontario Regulation 359/09 (Renewable Energy Approvals), Wainfleet Wind Energy Inc. must request a written response to the project proposal from your community. At this time, we respectfully request that you provide us with your written response regarding the Wainfleet Wind Energy project proposal. We ask that your response include any information that you and/or your community feel should be considered as part of the final reports to be submitted to the Ministry of the Environment for the project's Renewable Energy Application. Please advise us of your views on:

- 1. Any anticipated adverse impacts you feel that the project may have on your constitutionally protected Aboriginal or Treaty Rights;
- 2. Any other concerns over potential negative impacts to the environment that you anticipate and may have an interest in; and
- 3. Any suggestions you have for mitigating potential impacts identified in the above mentioned items.

Please find enclosed one paper copy and a CD set of updated draft reports that are required to be finalized and submitted for the Wainfleet Wind Energy Project's renewable energy application to the Ministry of the Environment.

We have also enclosed a summary of the draft reports. The summary explains the purpose, methods and results for each report. The summary is provided to assist you in review of this project proposal and the supporting studies and information. Please see the draft reports for complete data and information.

Copies of all draft reports and materials are also available on the project's website at: <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>

Also, if you wish to make a copy of the documents available to your community for review in a public location, please let us know the appropriate contact and we will gladly provide a copy of materials to them.

The date of the Wainfleet Wind Energy Project's second public meeting will be held:

Date: **June 19, 2012** Time: **3:00 pm to 8:00 pm** 

Location: Township of Wainfleet, Firefighters Memorial Community Hall

31907 Park Street, Wainfleet, Ontario, LOS 1V0

A copy of the notice has been included as an attachment to this letter.

Currently, our plan is to submit the Renewable Energy Application to the Ministry of the Environment in late June, 2012. With this in mind, we kindly request that you provide in writing to us any information available to your community that you feel should be considered by the project team as part of finalizing the project studies and reports.

If you are interested, the project team is available to meet with you to discuss this project, share information, and address any questions. To learn more about the proposed project, public meeting, or to communicate questions or comments please contact me.

Yours truly,

Ms. Britney Pringle

Bringle

Environmental Planner, MH 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com

CC: Mr. Tom Lewis, Project Manager, IPC Energy

Encls. Notice of Public Meeting #2

Draft REA Documents for the Wainfleet Wind Energy Project





April 30, 2012

Chief Brian LaForme
Mississauguas of the New Credit First Nation
2789 Mississauga Road, R.R. #6
Hagersville, Ontario
NOA 1H0

Re: Proposed Wainfleet Wind Energy Project

#### Dear Chief LaForme:

The purpose of this letter is to provide you with an update regarding the Wainfleet Wind Energy Project and to again solicit your feedback. In correspondence dated July 22, 2010 the project team sent you a letter containing a Notice of a Proposal to Engage in a Project and Notice of a Public Open House. On November 24<sup>th</sup> 2010, a letter was sent to you and your elected council, along with draft copies of project reports and materials for review and comment. To date, we have yet to receive any correspondence from you in regards to this project.

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A copy of the notice has been included as an attachment to this letter.

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Yours truly,

Ms. Britney Pringle

Bluingle

Environmental Planner, MH 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: <u>bpringle@morrisonhershfield.com</u>

CC: Mr. Tom Lewis, Project Manager, IPC Energy

Encls. Notice of Public Meeting #2

Draft REA Documents for the Wainfleet Wind Energy Project





April 30, 2012

Ms. Hazel Hill
Interim Director, Haudenosaunee Development Institute
c/o Six Nations of the Grand River Haudenosaunee Confederacy Council
16 Sunrise Court, Suite 407
PO Box 714
Ohsweken, Ontario
N0A 1M0

# Re: Proposed Wainfleet Wind Energy Project

Dear Ms. Hazel Hill:

We are writing to you in connection with the proposed Wainfleet Wind Energy Project, located in the Township of Wainfleet, Ontario. Based on telephone correspondence with the Six Nations Haudenosaunee Confederacy Council we were advised that future correspondence relating to this project should be directed to the Haudenosaunee Development Institute.

In previous correspondence dated July 22, 2010 the project team sent a letter to the Six Nations of the Grand River Haudenosaunee Confederacy Council containing a Notice of a Proposal to Engage in a Project and Notice of a Public Open House. On November 24<sup>th</sup> 2010, a follow up letter was sent, along with draft copies of project reports and materials for review and comment. To date, we have yet to receive any correspondence in regards to this project.

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- 2. Any other concerns over potential negative impacts to the environment that you anticipate and may have an interest in; and
- 3. Any suggestions you have for mitigating potential impacts identified in the above mentioned items.

Please find enclosed one paper copy and a CD set of updated draft reports that are required to be finalized and submitted for the Wainfleet Wind Energy Project's renewable energy application to the Ministry of the Environment.

We have also enclosed a summary of the draft reports. The summary explains the purpose, methods and results for each report. The summary is provided to assist you in review of this project proposal and the supporting studies and information. Please see the draft reports for complete data and information.

Copies of all draft reports and materials are also available on the project's website at: <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>

Also, if you wish to make a copy of the documents available to your community for review in a public location, please let us know the appropriate contact and we will gladly provide a copy of materials to them.

The date of the Wainfleet Wind Energy Project's second public meeting will be held:

Date: **June 19, 2012** Time: **3:00 pm to 8:00 pm** 

Location: Township of Wainfleet, Firefighters Memorial Community Hall

31907 Park Street, Wainfleet, Ontario, LOS 1V0

A copy of the notice has been included as an attachment to this letter.

Currently, our plan is to submit the Renewable Energy Application to the Ministry of the Environment in late June, 2012. With this in mind, we kindly request that you provide in writing to us any information available to your community that you feel should be considered by the project team in finalizing the project studies and reports.

If you are interested, the project team is available to meet with you to discuss this project, share information, and address any questions. To learn more about the proposed project, public meeting, or to communicate questions or comments please contact me.

Yours truly,

Ms. Britney Pringle

Blungle

Environmental Planner, MH 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com

CC: Six Nations of the Grand River Haudenosaunee Confederacy Council

Mr. Tom Lewis, Project Manager, IPC Energy

Encls. Notice of Public Meeting #2

Draft REA Documents for the Wainfleet Wind Energy Project





April 30, 2012

Mr. Stephen Quesnelle President Niagara Region Métis Council 46 King Street, Suite 201-203 Welland, Ontario L3B 3H9

Re: Proposed Wainfleet Wind Energy Project

Dear Mr. Quesnelle:

The purpose of this letter is to provide the Niagara Region Métis Council with an update regarding the Wainfleet Wind Energy Project and to again solicit feedback. In correspondence dated July 22<sup>nd</sup>, 2010 the project team sent a letter containing a Notice of a Proposal to Engage in a Project and Notice of a Public Open House. On November 24<sup>th</sup> 2010, a letter was sent to former President Richard Paquette and council members with draft copies of project reports and materials for review and comment. To date, we have yet to receive any correspondence from the Niagara Region Métis Council in regards to this project.

Under Ontario Regulation 359/09 (Renewable Energy Approvals), Wainfleet Wind Energy Inc. must request a written response to the project proposal from your community. Should the Niagara Region Métis Council have an interest in this project, we respectfully request that you provide us with your written response regarding the Wainfleet Wind Energy project proposal. We ask that your response include any information that you and/or your community feel should be considered as part of the final reports to be submitted to the Ministry of the Environment for the project's Renewable Energy Application. Please advise us of your views on:

- 1. Any anticipated adverse impacts you feel that the project may have on your constitutionally protected Aboriginal or Treaty Rights;
- 2. Any other concerns over potential negative impacts to the environment that you anticipate and may have an interest in; and
- 3. Any suggestions you have for mitigating potential impacts identified in the above mentioned items.

Please find enclosed one paper copy and a CD set of updated draft reports that are required to be finalized and submitted for the Wainfleet Wind Energy Project's renewable energy application to the Ministry of the Environment.

We have also enclosed a summary of the draft reports. The summary explains the purpose, methods and results for each report. The summary is provided to assist you in review of this project proposal and the supporting studies and information. Please see the draft reports for complete data and information.

Copies of all draft reports and materials are also available on the project's website at: <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>

Also, if you wish to make a copy of the documents available to your community for review in a public location, please let us know the appropriate contact and we will gladly provide a copy of materials to them.

The date of the Wainfleet Wind Energy Project's second public meeting will be held:

Date: **June 19, 2012** Time: **3:00 pm to 8:00 pm** 

Location: Township of Wainfleet, Firefighters Memorial Community Hall

31907 Park Street, Wainfleet, Ontario, LOS 1V0

A copy of the notice has been included as an attachment to this letter.

Currently, our plan is to submit the Renewable Energy Application to the Ministry of the Environment in late June, 2012. With this in mind, we kindly request that you provide in writing to us any information available to your community that you feel should be considered by the project team in finalizing the project studies and reports.

If you are interested, the project team is available to meet with you to discuss this project, share information, and address any questions. To learn more about the proposed project, public meeting, or to communicate questions or comments please contact me.

Yours truly,

Ms. Britney Pringle

Bringle

Environmental Planner, MH 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com

CC: Mr. Tom Lewis, Project Manager, IPC Energy

Encls. Notice of Public Meeting #2

Draft REA Documents for the Wainfleet Wind Energy Project





April 30, 2012

Métis Consultation Unit c/o Métis Nation of Ontario 500 Old St. Patrick St, Unit 3 Ottawa, Ontario K1N 9G4

# Re: Proposed Wainfleet Wind Energy Project

The purpose of this letter is to provide an update regarding the Wainfleet Wind Energy Project and to again solicit your feedback. In correspondence dated July 22<sup>nd</sup>, 2010 the project team sent a letter containing a Notice of a Proposal to Engage in a Project and Notice of a Public Open House. On November 24<sup>th</sup> 2010, a letter was sent along with draft copies of project reports and materials for review and comment. To date, we have yet to receive any correspondence in regards to this project.

Under Ontario Regulation 359/09 (Renewable Energy Approvals), Wainfleet Wind Energy Inc. must request a written response to the project proposal from the Métis Nation of Ontario. Should the Métis Nation of Ontario and the members of the regional rights-bearing community have an interest in this project, we respectfully request that you provide us with a written response regarding the Wainfleet Wind Energy project proposal. We ask that your response include any information that you and/or your community feel should be considered as part of the final reports to be submitted to the Ministry of the Environment for the project's Renewable Energy Application. Please advise us of your views on:

- 1. Any anticipated adverse impacts you feel that the project may have on your constitutionally protected Aboriginal or Treaty Rights;
- 2. Any other concerns over potential negative impacts to the environment that you anticipate and may have an interest in; and
- 3. Any suggestions you have for mitigating potential impacts identified in the above mentioned items.

Please find enclosed one paper copy and a CD set of updated draft reports that are required to be finalized and submitted for the Wainfleet Wind Energy Project's renewable energy application to the Ministry of the Environment.

We have also enclosed a summary of the draft reports. The summary explains the purpose, methods and results for each report. The summary is provided to assist you in review of this project proposal and the supporting studies and information. Please see the draft reports for complete data and information.

Copies of all draft reports and materials are also available on the project's website at: <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>

The date of the Wainfleet Wind Energy Project's second public meeting will be held:

Date: **June 19, 2012** Time: **3:00 pm to 8:00 pm** 

Location: Township of Wainfleet, Firefighters Memorial Community Hall

31907 Park Street, Wainfleet, Ontario, LOS 1V0

A copy of the notice has been included as an attachment to this letter.

Currently, our plan is to submit the Renewable Energy Application to the Ministry of the Environment in late June, 2012. With this in mind, we kindly request that you provide in writing to us any information available to your community that you feel should be considered by the project team in finalizing the project studies and reports.

If you are interested, the project team is available to meet with you to discuss this project, share information, and address any questions. To learn more about the proposed project, public meeting, or to communicate questions or comments please contact me.

Yours truly,

Ms. Britney Pringle

BPringle

Environmental Planner, MH 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: <u>bpringle@morrisonhershfield.com</u>

CC: Mr. Tom Lewis, Project Manager, IPC Energy

Encls. Notice of Public Meeting #2

Draft REA Documents for the Wainfleet Wind Energy Project



June 19, 2012



Mr. Tom Lewis Project Manager, IPC Energy 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Dear Mr. Lewis:

Re: Wainfleet Wind Energy Project

Our File No.: 030-103

Thank you for your letter dated April 18, 2012 and attachments.

The Haudenosaunee Confederacy Chiefs ('HCCC') has legislated the Haudenosaunee Development Institute ('HDI') to represent HCCC interests in the development of lands within areas of Haudenosaunee jurisdiction, including but not limited to the land prescribed by the Haldimand Proclamation and the 1701 Treaty Area.

We can confirm that the Haudenosaunee have treaty rights, in particular in the area contemplated by your Project, including but not limited to, the right to free and undisturbed harvesting. As the proposed Project will have a negative impact upon those treaty rights, the nature and scope of engagement required is significantly above and beyond what is commonly referred to as "consultation".

The HDI has established and administers a regulatory framework, which identifies, registers and regulates development in compliance with the regulatory obligations outlined in our Lands Rights Statement, the Haudenosaunee Green Plan and Haudenosaunee Development Protocol.

Part of the process requires an application for Engagement to be submitted to the HDI which I have attached for your ease of reference. The Application for Engagement provides proponents a structured engagement process which allows the HDI to set up and clarify the nature of what will be impacted by the Project and to determine if those infringements are justified and whether or not they can be accommodated.

I look forward to receipt of your application at which time we can arrange a convenient time to meet to discuss your Project.

Yours truly

Hazel E. Hill Interim Director

Attach. -1

/bm

cc: Ms. Britney Pringle
Environmental Planner, MH
235 Yorkland Boulevard, Suite 600
Toronto, Ontario, M2J 1T1



July 03, 2012

Ms. Hazel Hill
Interim Director Haudenosaunee Development Institute
P.O. BOX 714
#417- 16 Sunrise Court
Ohsweken, Ontario
N0A 1M0

Re: HAF Wind Energy Project HDI File Number 030-102 & Wainfleet Wind Energy Project HDI File Number 030-103

Dear Ms. Hill,

This letter is to confirm that IPC Energy has received your letters dated June 19, 2012 with respect to the HAF Wind Energy and Wainfleet Wind Energy projects.

IPC Energy has made several unsuccessful attempts to reach you via telephone intending to set up a meeting with you to discuss our two projects and address your letters, as referenced above. We ask, therefore, that you provide two possible dates and times that would be convenient for us to meet with you.

I look forward to hearing from you and would like to thank you in advance for your cooperation in this matter.

Regards,

Tom Lewis
Project Manager

CC: Ms. Britney Pringle, Morrison Hershfield

WAINFLEET WIND ENERGY PROJECT CONSULTATION REPORT

**Appendix H: Agency Consultation** 



July 22, 2010

Ms. Doris Dumais
Director, Environmental Assessment and Approvals Branch
Ministry of the Environment
2 St. Clair Street West, Floor 12A
Toronto, Ontario M4V 1L5

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Ms. Dumais:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

The purpose of this letter is to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House on August 24th, 2010. Please contact us if you believe that a meeting would be appropriate.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located south-western Ontario, in the Township of Wainfleet, in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached for your information. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All wind turbines are to be placed in open agricultural fields within the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH is currently preparing studies of the environmental effects of the development and operation of the proposed project in accordance with the requirements of the Act and Regulation. Where applicable, MH will work with the appropriate federal and provincial agencies to ensure that the project meets the requirements for federal and/or provincial permits or approvals. This may include an approval under the *Canadian Environmental Assessment Act* ("CEAA").

A draft Project Description Report titled Wainfleet Wind Energy Project Renewable Energy Approval Project Description Report has been prepared, which provides additional project

information and details. This document is available to anyone interested. A copy will be made available for public review at the Township of Wainfleet Office (19M43 Hwy. #3, P.O. Box 40, Wainfleet, Ontario, LOS 1V0). The draft Project Description Report can also be viewed on the project website at www.ipcenergy.ca.

**Public Open House #1:** If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. Public Open Houses provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. This will be the first of two Public Open Houses for this project; the next will be scheduled in the fall of 2010. We appreciate your input and welcome your attendance at our first Public Open House scheduled for:

Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

Location: Township of Wainfleet, Firefighters Memorial Community Hall

19M7 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995

E-mail: sunny@ipcenergy.ca

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com





July 22, 2010

Mr. Rich Vickers
District Manager, Niagara District Office
Ministry of the Environment
301 St. Paul Street, 9th Floor, Suite 15
St. Catharines, Ontario L2R 7R4

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

Dear Mr. Vickers:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

The purpose of this letter is to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House on August 24th, 2010. Please contact us if you believe that a meeting would be appropriate.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located south-western Ontario, in the Township of Wainfleet, in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached for your information. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All wind turbines are to be placed in open agricultural fields within the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH is currently preparing studies of the environmental effects of the development and operation of the proposed project in accordance with the requirements of the Act and Regulation. Where applicable, MH will work with the appropriate federal and provincial agencies to ensure that the project meets the requirements for federal and/or provincial permits or approvals. This may include an approval under the *Canadian Environmental Assessment Act* ("CEAA").

A draft Project Description Report titled Wainfleet Wind Energy Project Renewable Energy Approval Project Description Report has been prepared, which provides additional project

information and details. This document is available to anyone interested. A copy will be made available for public review at the Township of Wainfleet Office (19M43 Hwy. #3, P.O. Box 40, Wainfleet, Ontario, LOS 1V0). The draft Project Description Report can also be viewed on the project website at www.ipcenergy.ca.

**Public Open House #1:** If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. Public Open Houses provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. This will be the first of two Public Open Houses for this project; the next will be scheduled in the fall of 2010. We appreciate your input and welcome your attendance at our first Public Open House scheduled for:

Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

Location: Township of Wainfleet, Firefighters Memorial Community Hall

19M7 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995

E-mail: sunny@ipcenergy.ca

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com

CC: Ms. Narren Santos

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July 22, 2010

Ms. Narren Santos
Program Support Coordinator,
Environmental Assessment and Approvals Branch
Ministry of the Environment
2 St. Clair Street West, Floor 12A
Toronto, Ontario M4V 1L5

Re: Notice of a Proposal to Engage in a Project

Notice of Public Open House for Wainfleet Wind Energy Project

Dear Ms. Santos:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation. **At this time we do not believe that this project will require an approval under the Canadian Environmental Assessment Act (CEAA).** 

The purpose of this letter is to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House on August 24th, 2010. Please contact us if you believe that a meeting would be appropriate.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located south-western Ontario, in the Township of Wainfleet, in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached for your information. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All wind turbines are to be placed in open agricultural fields within the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH is currently preparing studies of the environmental effects of the development and operation of the proposed project in accordance with the requirements of the Act and Regulation. Where applicable, MH will work with the appropriate federal and provincial agencies to ensure that the project meets the requirements for federal and/or provincial permits or approvals. This may include an approval under the *Canadian Environmental Assessment Act* ("CEAA").

A draft Project Description Report titled *Wainfleet Wind Energy Project Renewable Energy Approval Project Description Report* has been prepared, which provides additional project information and details. This document is available to anyone interested. A copy will be made available for public review at the Township of Wainfleet Office (19M43 Hwy. #3, P.O. Box 40, Wainfleet, Ontario, LOS 1V0). The draft Project Description Report can also be viewed on the project website at www.ipcenergy.ca.

**Public Open House #1:** If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. Public Open Houses provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. This will be the first of two Public Open Houses for this project; the next will be scheduled in the fall of 2010. We appreciate your input and welcome your attendance at our first Public Open House scheduled for:

Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

Location: Township of Wainfleet, Firefighters Memorial Community Hall

19M7 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

# Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995

E-mail: sunny@ipcenergy.ca

#### Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com

CC: Mr. Rich Vickers

M.



December 20, 2010

Ms. Doris Dumais, Director Environmental Assessment Approvals Branch Ministry of Environment 2 St. Clair Avenue West, Floor 12A Toronto, ON M4V 1L5

Dear Ms. Dumais,

# Re: Wind Energy Information Night - Niagara Region

As Ontario strives to develop clean and sustainable energy systems, more scientists, policymakers and communities are looking to wind power as an important part of the electricity generation mix. Harnessing the wind to create electricity has become one of the fastest growing sources of power generation in Ontario and around the world and it is continuing to grow.

As new opportunities emerge to develop wind- generated power in communities across Ontario, they raise reasonable questions about the social, environmental and economic impacts of wind power production.

IPC Energy has seen a change in how our wind projects are being accepted by local communities. When we started our first projects, there was an initial excitement and enthusiasm for wind energy development. In recent years this encouragement has changed to disinterest and sometimes genuine fear about the role that wind energy generation can play in a community. The level of rhetoric and mistrust from many vocal residents has made it nearly impossible for developers to have an honest conversation with development communities. IPC Energy is interested in changing this.

IPC Energy is sponsoring an **Information Night on Tuesday**, **January 25**<sup>th</sup> **2011** to share some facts and answer questions about renewable energy in general with an emphasis on wind power. This event will be held at South Lincoln High School located at 260 Canborough Road in Smithville Ontario from 7:00 p.m. to 9:00 p.m. The objective of this information session will be to explain the provincial regulations under the Green Energy Act and subsequent Renewable Energy Approval process. By doing this we hope to inform those in attendance on the realities of wind power and its benefits and to help separate the myths and misconceptions from the actual facts.

IPC Energy is asking that you or a member of your team with the knowledge and background in the Green Energy Act and Renewable Energy Approval (REA) to make a brief presentation of five to ten minutes on this topic and be available to respond during our Q&A session. Please respond by January 4, 2011 (or sooner) with the name of your delegate and his /her credentials and the subject matter he / she will present.

It is our goal through providing this information session that the citizens of Ontario will make informed decisions about the future of energy production and will stress the need to act proactively NOW to help the province become "greener" tomorrow!

Sincerely,

Tom Lewis Manager of Planning and Environment (on behalf of John Andrews, President, IPC Energy)



April 13, 2012

Ms. Doris Dumais
Director, Environmental Approvals Access & Serivce Integraton
Ministry of the Environment
2 St. Clair Street West, Floor 12A
Toronto, Ontario M4V 1L5

Dear Ms. Dumais:

# Re: Notice of Public Meeting #2 for the Wainfleet Wind Energy Project

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total of five (5) turbines with a maximum name plate capacity of 9 MW. The project location is described in the map in the attached notice.

The purpose of this letter and attached notice is to inform you that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project, how you can obtain further information on the project, and to invite you to attend the Project's Second Public Open House.

If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. The Public Open House will provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. We appreciate your input and welcome your attendance at the Public Open House scheduled for:

Date: **June 19, 2012** Time: **3:00 pm to 8:00 pm** 

Location: Township of Wainfleet, Firefighters Memorial Community Hall

31907 Park Street, Wainfleet, Ontario, LOS 1V0

We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House. The Project team has designated an additional hour from **2:00 pm-3:00 pm** to meet with Agency and Municipal Stakeholders prior to

the start of the Public Meeting on June 19, 2012. Please contact us if you believe that a meeting would be appropriate.

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meeting, or to communicate questions or comments, please contact us.

Yours truly,

#### Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: tom@ipcenergy.ca

# Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com

Cc: Narren Santos, Senior Program Support Coordinator Rich Vickers, District Manager, Niagara District Office

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April 13, 2012

Ms. Narren Santos Senior Program Support Coordinator Environmental Approvals Access & Service Integration Ministry of the Environment 2 St. Clair Street West, Floor 12A Toronto, Ontario M4V 1L5

Dear Ms. Santos:

# Re: Notice of Public Meeting #2 for the Wainfleet Wind Energy Project

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total of five (5) turbines with a maximum name plate capacity of 9 MW. The project location is described in the map in the attached notice.

The purpose of this letter and attached notice is to inform you that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project, how you can obtain further information on the project, and to invite you to attend the Project's Second Public Open House.

If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. The Public Open House will provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. We appreciate your input and welcome your attendance at the Public Open House scheduled for:

Date: **June 19, 2012** Time: **3:00 pm to 8:00 pm** 

Location: Township of Wainfleet, Firefighters Memorial Community Hall

31907 Park Street, Wainfleet, Ontario, LOS 1V0

We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House. The Project team has designated an additional hour from **2:00 pm-3:00 pm** to meet with Agency and Municipal Stakeholders prior to

the start of the Public Meeting on June 19, 2012. Please contact us if you believe that a meeting would be appropriate.

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meeting, or to communicate questions or comments, please contact us.

Yours truly,

#### Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: tom@ipcenergy.ca

# Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com

Cc: Doris Dumais, Director, Environmental Approvals Access & Service Integration

Rich Vickers, District Manager, Niagara District Office





April 13, 2012

Mr. Rich Vickers
District Manager, Niagara District Office
Ministry of the Environment
301 St. Paul Street East, 9th Floor, Suite 15
St. Catharines. Ontario L2R 7R4

Dear Mr. Vickers:

# Re: Notice of Public Meeting #2 for the Wainfleet Wind Energy Project

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total of five (5) turbines with a maximum name plate capacity of 9 MW. The project location is described in the map in the attached notice.

The purpose of this letter and attached notice is to inform you that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project, how you can obtain further information on the project, and to invite you to attend the Project's Second Public Open House.

If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. The Public Open House will provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. We appreciate your input and welcome your attendance at the Public Open House scheduled for:

Date: **June 19, 2012** Time: **3:00 pm to 8:00 pm** 

Location: Township of Wainfleet, Firefighters Memorial Community Hall

31907 Park Street, Wainfleet, Ontario, LOS 1V0

We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House. The Project team has designated an additional hour from **2:00 pm-3:00 pm** to meet with Agency and Municipal Stakeholders prior to

the start of the Public Meeting on June 19, 2012. Please contact us if you believe that a meeting would be appropriate.

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meeting, or to communicate questions or comments, please contact us.

Yours truly,

#### Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: tom@ipcenergy.ca

# Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com

Cc: Doris Dumais, Director, Environmental Approvals Access & Service Integration Narren Santos, Senior Program Support Coordinator

 $K: \label{limit} K: \label{limit} K: \label{limit} NOTICE OF PBLC MTNG2\_AGNCY LTTR FINAL\_APR13\_12.DOCX$ 



Ministry of Tourism, Culture and Sport

Culture Programs Unit Programs & Services Br. 900 Highbury Avenue London, ON N5Y 1A4 Tel: 519-675-6898 Fax: 519-675-7777

e-mail: shari.prowse@ontario.ca

Ministère du Tourisme, de la Culture et du Sport

Unité des programmes culturels Direction des programmes et des services 900, av. Highbury

London, ON N5Y 1A4
Tél: 519-675-6898
Téléc: 519-675-7777
e-mail: shari.prowse@ontario.ca



April 5, 2012

Ms. Britney Pringle Morrison Hershfield Limited 235 Yorkland Boulevard, Suite 600 Toronto, Ontario M2J 1T1

RE: Wainfleet Wind Energy Project, Township of Wainfleet, Regional Municipality of Niagara, FIT-F360H43, MTC File HD00532, PIF # P035-104-2010, P035-108-2010, P035-145-2011 and P035-163-2011

# Dear Proponent:

This letter constitutes the Ministry of Tourism and Culture's written comments as required by s. 22(3)(a) of O. Reg. 359/09 under the *Environmental Protection Act* regarding archaeological assessments undertaken for the above project.

Based on the information contained in the report(s) you have submitted for this project, the Ministry believes the archaeological assessment complies with the *Ontario Heritage Act's* licensing requirements, including the licence terms and conditions and the Ministry's 1993 Archaeological Assessment Technical Guidelines or the 2011 Standards and Guidelines for Consultant Archaeologists (whichever apply). Please note that the Ministry makes no representation or warranty as to the completeness, accuracy or quality of the report.\*

The reports recommend the following:

# Stage 1 (PIF # P035-104-2010), August 2010, Received October 07, 2010

#### 8.0 Recommendations

The entire study area for the Wainfleet Wind Energy Project has potential for archaeological remains. A Stage 2 archaeological assessment should be conducted at each wind turbine location that should also include any temporary roads or staging areas required for the development.

9.0 Advice on Compliance with Legislation

This report is filed with the Minister of Culture in compliance with sec. 65(1) of the Ontario Heritage Act. The ministry reviews reports to ensure that the licensee has met the terms and conditions of the licence and archaeological resources have been identified and documented according to the standards and guidelines set by the ministry, ensuring the conservation, protection and preservation of the heritage of Ontario. It is recommended that development not proceed before receiving confirmation that the Ministry of Culture has entered the report into the provincial register of reports.

Should previously unknown or unassessed deeply buried archaeological resources be uncovered during development, they may be a new archaeological site and therefore subject to Section 48(1) of the Ontario Heritage Act. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed archaeologist to carry out archaeological fieldwork, in compliance with sec. 48 (1) of the Ontario Heritage Act.

Any person discovering human remains must immediately notify the police or coroner and the Registrar of Cemeteries, Ministry of Government Services.

# Stage 2 (PIF # P035-108-2010), August 2010, Received October 07, 2010

#### 5.0 Recommendations

- 1. The locations for five proposed wind turbines have been fully assessed for potential archaeological remains. Based on negative survey results, no further archaeological work is required for these turbine locations and the project and construction in these areas can proceed as planned.
- 2. The border between the assessed corn field and the unassessed soybean field on the east side of Turbine #3 should be fenced during construction to prevent any potential impacts.

# Stage 2 (P035-145-2011), Revised January 15, 2012, Received January 18, 2012

1. The subject property for the proposed Wainfleet wind farm switching station has been completely assessed through visual assessment. No archaeological remains were encountered and no further work is required.

# Stage 2, Access Roads and Taplines (P035-163-2011), Dated 29 March 2012, Received 3 April, 2012

- 1. The subject property for the proposed Wainfleet wind farm access road and taplines has been completely assessed through visual assessment. No archaeological remains were encountered and no further work is required.
- 2. Recommendation #2 in the report PIF # P035-108-2010 for fencing of the previously unassessed area on the east side of Turbine # 3 is no longer required since this area has now been completely assessed through visual assessment. No archaeological remains were encountered and no further work is required.

The Ministry is satisfied with these recommendations.

This letter does not waive any requirements which you may have under the *Ontario Heritage Act*. A separate letter addressing archaeological licensing obligations under the Act will be sent to the archaeologist who completed the assessment and will be copied to you.

This letter does not constitute approval of the renewable energy project. Approvals of the project may be required under other statutes and regulations. It is your responsibility to obtain any necessary approvals or licences.

Please feel free to contact me if you have questions or require additional information.

Sincerely,

Ian Hember

Archaeology Review Officer

cc. Mr. Andrew Murray, A.M. Archaeological Associates

<sup>\*</sup>In no way will the Ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or the Report is otherwise found to be inaccurate, incomplete, misleading or fraudulent.

Ministry of Tourism and Culture

**Culture Division** Culture Services Unit Programs and Services Branch 401 Bay Street, Suite 1700 Toronto, ON, M7A 0A7 Telephone: 416 314 7137

Facsimile: 416 314 7175 Email: paula.kulpa@ontario.ca Ministère du Tourisme et de la Culture

Division de culture Unité des services culturels Direction des programmes et des services 401, rue Bay, Bureau 1700 Toronto, ON, M7A 0A7 Téléphone: 416 314 7137

Télécopieur: 416 314 7175 Email: paula.kulpa@ontario.ca



March 2, 2011

Mr Harold Loeffen Wainfleet Wind Energy Inc. Highway 3 Wainfleet, ON LOS 1V0

Colloquial Name of Project: Wainfleet Wind Energy Project RE:

Location: Township of Wainfleet, Regional Municipality of Niagara

Feed-In-Tariff Contract No.: F-000611-WIN-130-601

MTC DPR file no.: PLAN-26EA24

Dear Mr. Loeffen:

This letter constitutes the Ministry of Tourism and Culture's written comments as required by s. 23(3)(a) of O. Reg. 359/09 under the Environmental Protection Act regarding heritage assessments undertaken for the above project.

Based on the information contained in the report you have submitted for this project, the Ministry is satisfied with the heritage assessment. Please note that the Ministry makes no representation or warranty as to the completeness, accuracy or quality of the heritage assessment report.

The report recommends the following:

# 7.0 MITIGATION RECOMMENDATIONS

The five (5) wind turbine sites have been screened under the criteria set out in Table 1, Section 19, of Ontario Reg. 359/09 (Appendix B). The historical summary of the study areas showed some potential for cultural heritage resources of value or interest due to the agricultural development of the land in the 19th and 20th centuries. However, a review of the historical background of the study areas, the site surveys and municipal consultation information determined the potential heritage value and interest for the five (5) wind turbine sites was low.

Since there are no direct impacts and minimal indirect impacts to the five (5) proposed wind turbine sites, there are no mitigation recommendations in regard to heritage resources, i.e., built heritage resources and cultural heritage landscapes, for the project.

The Ministry is satisfied with these recommendations.

This letter does not waive any requirements which you may have under the Ontario *Heritage Act*. Also, this letter does not constitute approval of the renewable energy project. Approvals of the project may be required under other statutes and regulations. It is your responsibility to obtain any necessary approvals or licences.

Please feel free to contact me if you have questions or require additional information.

Sincerely,

# Paula Kulpa

Heritage Planner

cc: Richard Unterman

Unterman McPhail Associates - Heritage Resource Management Consultants

Jonathan Veale, Project Manager Morrison Hershfield

Chris Schiller, Manager, Culture Services Unit, Ministry of Tourism and Culture

<sup>\*</sup> In no way will the Ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report(s) or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or the Report(s) is otherwise found to be inaccurate, incomplete, misleading or fraudulent.

# **Britney Pringle**

From: Kulpa, Paula (MTC) <Paula.Kulpa@ontario.ca>

**Sent:** Tuesday, April 17, 2012 3:24 PM

To: Britney Pringle

**Cc:** umcarubm@pathcom.com; Schiller, Chris (MTC); Rohaly, Blair (MTC); Sherratt, Jim (MTC);

Hember, Ian (MTC)

Subject: RE: Wainfleet and HAF Wind Energy Projects

Importance: High

#### Britney,

Thanks for providing us with the electronic versions of the revised project layouts and the letter from Unterman McPhail Associates indicating that the changes to the proposed HAF and Wainfleet projects will not result in impacts to heritage resources at either of the project locations. Based on this conclusion, neither project will require a revised written comments letter from MTCS.

For both projects, please include a copy of the letter from Unterman McPhail, along with the original final heritage assessment report and MTCS written comments letter (both MTCS letters are dated March 2, 2011) as part of your complete applications to the Ministry of the Environment. All these materials should also be made available prior to and at the final public meeting.

# Regards, Paula

#### Paula Kulpa

Team Lead - Land Use Planning (A)
Ministry of Tourism, Culture & Sport | Culture Services Unit
Tel. 1.416.314.7137

**From:** Britney Pringle [mailto:BPringle@morrisonhershfield.com]

**Sent:** April 16, 2012 5:12 PM **To:** Kulpa, Paula (MTC)

**Cc:** Richard Unterman (<u>umcarubm@pathcom.com</u>) **Subject:** Wainfleet and HAF Wind Energy Projects

Hi Paula,

Please find attached a letter from Unterman McPhail Associates concerning the minor project modifications for the Wainfleet and HAF Wind Energy Projects. They have confirmed that there will not be any impacts to cultural heritage resources as a result of design modifications.

I have also attached the revised project site plans for your records. Please let me know if you require anything further.

Best Regards,

Britney Pringle
Environmental Planner
bpringle@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Dir: 416 499 3110 x1435 | Fax: 416 499 9658 morrisonhershfield.com



# UNTERMAN MCPHAIL ASSOCIATES HERITAGE RESOURCE MANAGEMENT CONSULTANTS

540 RUNNYMEDE ROAD TORONTO ONTARIO M6S 2Z7

T 416 766 7333

F 416 763 4082

E umcarubm@pathcom.com

April 16, 2012 By Email

Ms. Britney Pringle Environmental Planner Morrison Hershfield Toronto, ON

Dear Ms. Pringle:

Re: Design Modifications: Wainfleet and HAF Wind Energy Projects Alternative Site Plans Comparative Review – Cultural Heritage.

Unterman McPhail Associates has reviewed our earlier report submission for the abovementioned project to compare original site plans with the new alternative design plans for the Wainfleet and HAF Energy projects. Based upon our study review, we confirm there will not be any impacts to cultural heritage resources related to the new alternative design. This is similar to our original review conclusion for the Wainfleet and HAF Wind Energy Projects.

We trust this is satisfactory.

Sincerely,

UNTERMAN McPHAIL ASSOCIATES

Richard Unterman, M.A., CAHP

Principal

Unterman McPhail Associates

Heritage Resource Management Consultants

Ministry of Natural Resources

Guelph District 1 Stone Road W. Guelph, ON N1G 4Y2

Telephone: (519) 826-4955 Facsimile: (519) 826-4929 Ministère des Richesses naturelles

Guelph District 1, rue Stone Ouest Guelph, ON N1G 4Y2

Telephone: (519) 826-4955 Facsimile: (519) 826-4929



GUE-2012-012

April 5, 2012

John Andrews IPC Energy 2550 Argentia Rd. Suite 105 Mississauga ON L5N 5R1

# RE: NHA Confirmation for Wainfleet Wind Energy Project

Dear Mr. Andrews:

In accordance with the Ministry of the Environment's (MOE's) Renewable Energy Approvals (REA) Regulation (O.Reg.359/09), the Ministry of Natural Resources (MNR) has reviewed the natural heritage assessment and environmental impact study for the Wainfleet Wind Energy Project in the Municipality of Wainfleet submitted by IPC Energy on March 31, 2012.

In accordance with Section 28(2) and 38(2)(b) of the REA regulation, MNR provides the following confirmations following review of the natural heritage assessment:

- 1.The MNR confirms that the determination of the existence of natural features and the boundaries of natural features was made using applicable evaluation criteria or procedures established or accepted by MNR.
- 2.The MNR confirms that the site investigation and records review were conducted using applicable evaluation criteria or procedures established or accepted by MNR, if no natural features were identified.
- 3. The MNR confirms that the evaluation of the significance or provincial significance of the natural features was conducted using applicable evaluation criteria or procedures established or accepted by MNR (if required).
- 4. The MNR confirms that the project location is not in a provincial park or conservation reserve.
- 5.The MNR confirms that the environmental impact study report has been prepared in accordance with procedures established by the MNR.

In accordance with Section 28(3) (c) and 38(2) (c), MNR also offers the following comments in respect of the project:

 Please address the typos and minor corrections as provided on April 4, 2012 and submit a final clean copy of the reports in digital and hard copy to MNR In accordance with Appendix D of MNR's NHA Guide, a commitment has been made to complete pre-construction assessment(s) of habitat use for the following candidate significant wildlife habitats:

- Landbird Migratory Stopover Habitat (Emerson Road Woods/ Burnaby Bush)
- Bat Maternity Colony Habitat (Emerson Road Woods/ Burnaby Bush)

MNR has reviewed and confirmed the assessment methods and the range of mitigative options. Pending completion of the assessments and determination of significance, the appropriate mitigation is expected to be implemented, as committed to in the environmental impact study.

In addition to the NHA, Environmental Effects Monitoring Plans that address postconstruction monitoring and mitigation for birds and bats must be prepared and implemented. These post-construction monitoring plans have been prepared in accordance with MNR Guidelines and reviewed and commented on by MNR staff.

This confirmation letter is valid for the project as proposed in the natural heritage assessment and environmental impact study, including those sections describing the Environmental Effects Monitoring Plan and Construction Plan Report. Should any changes be made to the proposed project that would alter the NHA, MNR may need to undertake additional review of the NHA.

Where specific commitments have been made by the applicant in the NHA with respect to project design, construction, rehabilitation, operation, mitigation, or monitoring, MNR expects that these commitments will be considered in MOE's Renewable Energy Approval decision and, if approved, be implemented by the applicant.

In accordance with S.12 (1) of the Renewable Energy Approvals Regulation, this letter must be included as part of your application submitted to the MOE for a Renewable Energy Approval.

Please be aware that your project may be subject to additional legislative approvals as outlined in the Ministry of Natural Resources' *Approvals and Permitting Requirements Document*. These approvals are required prior to the construction of your renewable energy facility.

If you wish to discuss any part of this confirmation or additional comments provided, please contact <a href="mailto:erin.harkins@ontario.ca">erin.harkins@ontario.ca</a> or (519) 826-5121.

Sincerely,

Ian Hagman District Manager Guelph District MNR

cc. Jim Beal, Renewable Energy Provincial Field Program Coordinator, ROD, MNR

cc. Britney Pringle, Environmental Planner, Morrison Hershfield

cc. Erin Cotnam. S. Region Renewable Energy Coordinator, Regional Operations Division, MNR

cc. Narren Santos, Environmental Assessment and Approvals Branch, MOE



**Appendix I: Skydive Burnaby Consultation** 



July 22, 2010

Skydive Burnaby 11531 Burnaby Road Wainfleet, Ontario L0S 1V0

Re: Notice of a Proposal to Engage in a Project
Notice of Public Open House for Wainfleet Wind Energy Project

To Whom It May Concern:

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

The purpose of this letter is to give you notice that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project and to inform you about the project and how you can obtain further information should you be interested. We are also interested in meeting with you to discuss the proposed project. We are available to meet with you and your staff at our Public Open House on August 24th, 2010. Please contact us if you believe that a meeting would be appropriate.

**About the Proposal:** The proposed Wainfleet Wind Energy Project is located south-western Ontario, in the Township of Wainfleet, in Niagara Region. The project area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the study area. A map is attached for your information. Pursuant to the Act and Regulation, the project is considered to be a Class 4 wind facility. If approved, this project would have a total name plate capacity of approximately 10 megawatts (MW) of renewable energy. Environmental studies will be conducted over an area of approximately 34 km², with between 4 to 5 wind turbines proposed, depending upon the turbine manufacturer and model selected. All wind turbines are to be placed in open agricultural fields within the required setbacks from residences, natural heritage, water, and other features required under the REA.

MH is currently preparing studies of the environmental effects of the development and operation of the proposed project in accordance with the requirements of the Act and Regulation. Where applicable, MH will work with the appropriate federal and provincial agencies to ensure that the project meets the requirements for federal and/or provincial permits or approvals. This may include an approval under the *Canadian Environmental Assessment Act* ("CEAA").

A draft Project Description Report titled *Wainfleet Wind Energy Project Renewable Energy Approval Project Description Report* has been prepared, which provides additional project information and details. This document is available to anyone interested. A copy will be made available for public review at the Township of Wainfleet Office (19M43 Hwy. #3, P.O. Box 40,

Wainfleet, Ontario, LOS 1V0). The draft Project Description Report can also be viewed on the project website at www.ipcenergy.ca.

**Public Open House #1:** If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. Public Open Houses provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. This will be the first of two Public Open Houses for this project; the next will be scheduled in the fall of 2010. We appreciate your input and welcome your attendance at our first Public Open House scheduled for:

Date: August 24th, 2010 Time: 3:00 pm to 7:00 pm

Location: Township of Wainfleet, Firefighters Memorial Community Hall

19M7 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meetings, or to communicate questions or comments, please contact:

Yours truly,

### Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995

E-mail: sunny@ipcenergy.ca

## Mr. Jonathan Veale

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: jveale@morrisonhershfield.com



Sunny Gaila

## **COMMENT SHEET**

## RENEWABLE ENERGY APPROVAL FOR THE WAINFLEET WIND ENERGY PROJECT **PUBLIC OPEN HOUSE #1**

Tuesday, August 24, 2010 Township of Wainfleet, Firefighters Memorial Hall 19M7 Park Street, Wainfleet, Ontario

Thank you for attending the first Public Open House for the Wainfleet Wind Energy Project. Please take a minute to complete this brief comment sheet. You are welcome to comment on any aspect of the project which you consider to be important. All comments will be carefully considered. You may drop your completed comment sheet in the box provided or mail or fax by September 24, 2010, to:

Project Manager	or	Jonathan Veale
IPC Energy		Environmental Planner Morrison Hershfield
Wainfleet Wind Energy Project		* * * * * * * * * * * * * * * * * * * *
2550 Argentia Road, Suite 105		Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600
Mississauga, Ontario L5N 5R1		Toronto, Ontario M2J 1T1
Tel.: (905) 607-1016		Tel.: (416) 499-3110
Fax: (905) 607-5995		Fax: (416) 499-9658
Email: Sunny@ipcenergy.ca	•	Email: jveale@morrisonhershfield.com
What aspect of the project are you mos	st Interested in?	
mainly the position	ning of	the windmills from
Our Skydiving Scho	tocod 16c	ion that has been
established since	ce 1961	
From your perspective, what is the mos	st important cons	Ideration in developing this wind
project?	,, , , , , , , , , , , , , , , , , , , ,	
Positioning, the dis	stance of	terbulance thatit
will create tou	onds o	iur position for our
jumpers and their	safety.	. Also this is our lively
Is there additional information that you	f りん いいし would like to lear	mills is serious tous.
The Study Comple	ted abo	cut the down wind
feerbulance caire	ed by	the windmills.
Do you have any comments regarding t	his Public Open I	louse? (i.e. location, information
presented, help received on understand	ling the project, o	pportunity to ask questions)

How would you describe the nature of your interest in this project?
Member of the General Public (including resident)
Member of an Interest Group (Please specify:)
Agency Representative (Please specify: Skydive Burnaby Up).
Other (Please specify:)
Do you plan on attending the second Public Open House in the Fall? (Please circle): Yes No
Would you like to receive correspondence about this project? (Please circle) Yes No
Additional Comments for the Study Team:
with turbines west of the parachute aerodrome
this would be havock to the safety of our
parachutists.
- Consider north of Huy #3
-consider Transport Canada's Standard
AGA 4.0 obsticale clearance
-our standard to turbulance is lox the
380m× 10 = 3800m min distance to
avoid turbulance for parachetists
Thank you for your participation. Your responses to these questions will help us to improve the design of the project.
Comments will be maintained on file for use during the study and may be included in study documentation. With the exception of personal information, all comments will become part of the public record.
PLEASE PRINT CLEARLY
NAME: Mike + Tana Pitt owners of Skydive Burnab
ADDRESS: 11531 Burnaby Rol
CITY: RR#2 Wainfleet POSTAL CODE: LOS 100
TELEPHONE: 905 899-436/ EMAIL: tara @ Skydire burnaby (Com

From: Loeffen Farms Ltd. [mailto:loeffenfarms@sympatico.ca]

**Sent**: August-30-10 11:43 AM **To**: Sunny Galia; John Andrews

Subject: Fw: Skydive Burnaby Windtower Concerns

---- Original Message ---From: Barbara Henderson
To: tom@ipcenergy.ca

Cc: loeffenfarms@sympatico.ca

**Sent:** Monday, August 30, 2010 10:58 AM **Subject:** Skydive Burnaby Windtower Concerns

## Good Morning Tom,

I have spoken to Mike Pitt, Skydive Burnaby and he raised some issues with the potential sites for the wind towers and the potential for turbulence up to six miles away. His concern is for the overall safety of the parachutists. He indicated he has faxed his concerns to you and I anticipate you will follow-up on this. Mike has also contacted Transport Canada for a clearer understanding of setbacks for airports/skydiving facilities.

## Respectfully,

Barbara Henderson Mayor Township of Wainfleet 19M43 Hwy #3, Box 40 Wainfleet, ON LOS 1V0 Tel: 905-899-3463, Ext 227

Fax: 905-899-2340

Email: bhenderson@township.wainfleet.on.ca

### The Township of Wainfleet Confidentiality Notice

The information contained in this communication including any attachments may be confidential, is intended only for the use of the recipient(s) named above, and may be legally privileged. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, disclosure, or copying of this communication, or any of its contents, is strictly prohibited. If you have received this communication in error, please resend this communication to the sender and permanently delete the original and any copy of it from your computer system. Thank you.

## **Britney Pringle**

From: Jonathan Veale

**Sent:** Monday, August 30, 2010 10:16 PM pneumatic.sports@sympatico.ca

Cc: Loeffen Farms; Tom Lewis; Sunny Galia; Britney Pringle

Subject: RE: Wainfleet wind energy project

Importance: High

Mr. Pitt:

Thank-you for your interest in the Wainfleet Wind Energy Project. We are currently consulting with NAV Canada and Transport Canada regarding this project. Our consultation with Nav Canada and Transport Canada is still ongoing and their feedback will be incorporated into the project's design where appropriate. We have not received a response from Transport Canada so they may not yet have reviewed our proposal.

Once we determine the final turbine layout, these agencies will be able to better respond to us. We expect to have a final layout in the next few weeks. Generally, our discussions with NAVCanada and Transport Canada are limited to letter, e-mail, and telephone correspondence.

Here is the contact information that we have on file for both agencies:

## **NAV Canada**

Mr. John Morris
Director of Communications
NAV Canada
P.O. Box 3411, Station 'D'
Ottawa, Ontario
K1P 5L6

Tel: (613) 563-7032 morrijo@navcanada.ca

Mr. Tom Hollinger Manager, Data Collection Aeronautical Information Services NAV Canada 1601 Tom Roberts Road, P.O. Box 9824, Station 'T' Ottawa, Ontario K1G 6R2

Tel: (866) 577-0247

Mr. David Ferris NAV Canada Tel: (613) 248-7554 FerrisD@navcanada.ca

### **Transport Canada**

Ontario Region - Civil Aviation Transport Canada 4900 Yonge Street, Suite 300 North York, Ontario

M2N 6A5

Tel: (416) 952-0230 Fax: (416) 952-0196

Michael Stephenson

Regional Director General, Ontario Transport Canada

4900 Yonge Street, Suite 400

Willowdale, Ontario

M2N 6A5

Tel: (416) 952-2170 Fax: (416) 953-2174

Please do not hesitate to contact us if you require anything further.

## Regards,

#### Jonathan Veale

Environmental Planner – Environmental Division Planificateur environnementale – Division Environnementale iveale@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Office: 416 499 3110 x1639 | Fax: 416 499 9658 morrisonhershfield.com

**From:** Mike and Tara Pitt [mailto:pneumatic.sports@sympatico.ca]

**Sent:** August-30-10 4:50 PM

To: Sunny Galia; tara@skydiveburnaby.com

Cc: Tom Lewis; Loeffen Farms; michael.lucking@tc.gc.ca

**Subject:** Re: Wainfleet wind energy project

Good Day Mr. Galia,

Thank you for your quick reply on our comment sheet. Please inform me of who you will be intouch with at Transport and Nav. Canada, I would like to be involved with these meetings. Thank you for your time in advance.

Mike Pitt

Port Colborne Airport est. 1948

St. Catherine's Parachute Club/ Skydive Burnaby est. 1961

---- Original Message -----

From: Sunny Galia

To: tara@skydiveburnaby.com
Cc: Tom Lewis ; Loeffen Farms

**Sent:** Monday, August 30, 2010 12:47 PM **Subject:** Wainfleet wind energy project

Dear Mr. and Mrs. Pitt:

Thank you for sending us your comment sheet and providing your inputs regarding our proposed Wainfleet wind energy project. We are committed to develop this project in the most environmentally friendly manner acceptable to the local communities. We would certainly like to consider your inputs while designing the project and finalizing the turbine locations. We are also consulting Transport Canada and Nav Canada for their concerns and inputs. At this stage we would like to tell you that the turbine height (obstruction height) up to the tip of the blade is 145m and not 380m as suggested by you. We will provide turbine locations and other information for your review in near future and will be too pleased to address questions and concerns from your side.

Sincerely,

Sunny Galia Project Manager

## **IPC Energy**

2550 Argentia Road, Suite 105 Mississauga, ON L5N 5R1 905 607-1016 ext 222 905 607-5995 fax 416 629 6440 mobile sunny@ipcenergy.ca www.ipcenergy.ca



Assemblée législative de l'Ontario

December 17, 2010

Peter Kormos M.P.P. Welland

Hon. John Wilkinson Ministry of the Environment 77 Wellesley Street West 11<sup>th</sup> Floor, Ferguson Block Toronto, ON M7A 2T5 OPEN LETTER

Dear Sir:

I am sending this letter on behalf of Mike and Tara Pitt of Wainfleet, Ontario, and their business Skydive Burnaby and the possible grounding of this 40 year old business if a proposed wind farm is constructed near their facility.

This is a seasonal operation employing up to thirty people with an estimated 10,000 parachute jumps each year by individuals and families. The business also pays nearly \$7,000 annually in taxes.

Mr. Pitt has raised his concerns with IPC Energy in the attached comment sheet provided at an open house, but said he's been told by company president John Andrews that it is a done deal. He finds that somewhat disturbing and a total lack of concern for a local business. The 100-metre-tall wind turbines maybe 1.5 kilometers from the skydiving club, but there is still the drop zone that would be impacted raising a variety of safety issues for participants.

Mr. Pitt feels there are other options for the wind turbine farm and just wants someone to listen to him before it's too late. He says the wind turbines have influence well beyond the reach of its blades and would put him out of business. He can be called at 905-899-4361.

On behalf of Mr. Pitt, I would request your Ministry, IPC Energy and the Town of Wainfleet work to prevent the closing of Skydive Burnaby along with the loss of hundreds of people this popular operation brings to Wainfleet.

Your time and consideration of this urgent matter is appreciated.

Sincerely,

Wike Houses

Mike Haines

Attach.

Copy: Mike and Tara Pitt

April Jeffs, Mayor of Wainfleet John Andrews, President, IPC Energy Sunny Galia, IPC Energy Project Manager

> Unit 103 - 60 King Street, Welland, Ontario L3B 6A4 Tel. (905) 732-6884 • Fax (905) 732-9782







# **COMMENT SHEET**

# RENEWABLE ENERGY APPROVAL FOR THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #1

Tuesday, August 24, 2010
Township of Wainfleet, Firefighters Memorial Hall
19M7 Park Street, Wainfleet, Ontario

Thank you for attending the first Public Open House for the Wainfleet Wind Energy Project. Please take a minute to complete this brief comment sheet. You are welcome to comment on any aspect of the project which you consider to be important. All comments will be carefully considered. You may drop your completed comment sheet in the box provided or mail or fax by **September 24, 2010**, to:

Sunny Gaila
Project Manager
IPC Energy
Wainfleet Wind Energy Project
2550 Argentia Road, Suite 105
Mississauga, Ontario L5N 5R1
Tel.: (905) 607-1016

Tel.: (905) 607-1016 Fax: (905) 607-5995 Email: Sunny@ipcenergy.ca Jonathan Veale
Environmental Planner
Morrison Hershfield
Wainfleet Wind Energy Project
235 Yorkland Boulevard, Suite 600
Toronto, Ontario M2J 1T1
Tel.: (416) 499-3110

Fax: (416) 499-9658 Email: jveale@morrisonhershfield.com

What aspect of the project are you most interested in?
mainly the positioning of the windmills trom
mainly the positioning of the windmills from our skydiving school Togodion that has been
established since 1961.
From your perspective, what is the most important consideration in developing this wind
:
Positioning, the distance of turbulance thatit will create towards our position for our jumpers and their safety. Also this is our lively lead the placement of the windmills is serious to us.  Is there additional information that you would like to learn about this project?
will create towards our position for our
jumpers and their safety. Also this is our lively
Is there additional information that you would like to learn about this project?
The Study Completed about the down wind
The Study Completed about the down wind turbulance caused by the windmills.
Do you have any comments regarding this Public Open House? (i.e. location, information
presented, help received on understanding the project, opportunity to ask questions)

December 17, 2010

Mike Haines Peter Kormos Office

## PLEASE REGISTER THIS AS A FORMAL COMPLAINT

Dear Mr. Haines,

This letter is to express the many concerns that we, owners of Skydive Burnaby have with the location of the Industrial Wind Turbine # 4 and Industrial Wind Turbine # 5 to be located in Wainlfeet On.

We, Mike & Tara Pitt owners of Skydive Burnaby attended the open house public meeting with IPC on August 24<sup>th</sup>, 2010 in Wainlfeet and expressed our concerns verbally at the public meeting as well as the comment sheet that was provided on August 24<sup>th</sup>, 2010, faxed to Sunny Gaila sunny@ipcenergy.ca and Jonathan Veale jveale@morrisonhershfield.com. We then received an email from Tom Lewis showing us the draft and maps of the 5 locations and he sounded very confident that these locations would work out for both parties.

Skydive Burnaby is an established business that has been at this location since 1961 and has been an airport since 1948. This business is our livelihood and we among other local businesses, over 30 employees and charities that we support depend on it.

## Our concerns:

To make clear: Our issue is not with the aircraft flying in and out of the Port Colborne Airport.

The concern is the location of Industrial Wind Turbine # 4 & # 5 are directly upwind of our main landing area which will NO doubt create turbulence and hazards for our jumpers.

We made mention that anything located West of Station Road wouldn't effect us too badly... however we would have to consider the location site on the West side of Station Road.

What we call "spotting" is when we take into consideration of the wind direction at altitude and the ground winds. We get our winds from flight service for the morning and for the afternoon hours everyday we are jumping. Our "spot" is determined by the wind direction. Our "spot" location 85% of the time is directly West of the airport, it's not a rare occurrence to be getting out of the aircraft 2 – 3 miles west of the airport to compensate for the upper winds aloft, this giving our jumpers no option of having to fly directly over these Industrial Wind Turbines, with times when the wind is strong we will be less than 1000 ft over them which is a tremendous safety hazard and we would be in violation of the Canadian Air Regulations of Visual Flying Rules (VFR) CARS 602 – must be a 1000ft above the ground or the highest obstacle.

We asked what the plan of action would be if one of our jumpers got hooked up or hit one of these windmills, because there are times when we have students or even highly experienced jumpers landing off (meaning a miscalculation of the spot or they've run into a parachute emergency) and have no choice to find another location to land safely at. The response we received was "well what's **Your** plan"? **NO consideration what so ever**.

When speaking with the President John Andrews 905-607-1016 ext 223 on Monday December 6<sup>th</sup>, 2010 giving him our concerns he said "look they've been approved do what you got to do"... we felt like we we're being bullied from the play ground bully and left thinking we can't do anything about it. REALLY?? An established business that has been here for over 60 years can be shut down just like this.... Plain and simple! We hope not...

Another concern is about the 400 page report showing the coordinates for the Wainfleet Energy Project is, that location is somewhere in Quebec, our coordinates are Long 42 52 99 and Lat 79 21 10, so again we ask ourselves how much consideration is REALLY being put into this project when the coordinates are not even correct.

It's also known that these windmills can cause interference with communication radios which we use on a regular basis to have communications with our aircraft and our students. Now these go up in that location and we find out after that fact that we have NO communications with our aircraft and a student jumping for the 1<sup>st</sup> time. This is a disaster waiting to happen!!

So with all this said our biggest concern would be to lose not only our business, because this is more than just a business that will only effect Mike, Tara and Miranda (our daughter) Pitt, yes we depend on it to pay our bills and put food on our table... but it's more than that. We have a history here dating back to the early 60's... this place, Wainlfeet is considered people's 2<sup>nd</sup> home, there getaway from the stress of their work week... read our comment cards from 1<sup>st</sup> time jumpers who state that this has changed their lives for the better and that they know what it finally means to live. We have athletes who train for Provincial, National and World Competitions which many of our Instructors have competed in and hold World Records. They're also recognized by and supported by Sports Canada. We hold Canadian Records here for largest formations since 2000 that are known world wide. I can go on and on with our history and who we support

other than ourselves but mainly we just want our concerns **really** taken into consideration, because after reading the 400 page report not once is Skydive Burnaby, Port Colborne Airport and or their jumpers safety mentioned in this report and they say our concerns were taken into consideration... sorry but to be completely honest we don't believe that statement. At least work with us so that we don't have to CLOSE SHOP after being in business at this same location for over 60 years.

We look forward to hearing from you and helping us in any way you can or setting up a meeting if need be. We are available 24/7 at anytime.

We work extremely hard in following ALL Safety Rules & Regulations and our Safety record shows that. We're not just a bunch of crazy people jumping out of airplanes like some may think and should be taken seriously; on the contrary we're very focused individuals who are determined to have our sport progress for the next generation to love and be passionate about. We will continue to fight for the Safety of our jumpers and keeping a roof over our heads.

Thank you for your time and looking forward to hearing from you and or meeting with you.

Regards,

Mike & Tara Pitt Skydive Burnaby 905-899-1528



11531 Burnaby RD. RR#2 Wainfleet, Ontario Canada DEC 2 0 2010

December 17, 2010

Tom Lewis
IPC Energy
Manager, Planning & Environment

## PLEASE REGISTER THIS AS A FORMAL COMPLAINT

Dear Mr. Tom Lewis,

This letter is to express the many concerns that we, owners of Skydive Burnaby have with the location of Windmill # 4 and Windmill # 5.

As to our telephone conversation on Monday December 6<sup>th</sup>, 2010 you wanted to set up a meeting to show us the location sites that "have been approved" for Windmills 1 thru 5. During that conversation you stated how IPC took into consideration Skydive Burnaby's concerns made mentioned at the public meeting as well as the comment sheet that was provided on August 24<sup>th</sup>, 2010, faxed to Sunny Gaila and Jonathan Veale. You then emailed us the locations and sounded very confident that these locations would work out for both parties and that IPC.

Skydive Burnaby is an established business that has been at this location since 1961 and has been an airport since 1948. This business is our livelihood and we among other local businesses, over 30 employees and charities that we support depend on it.

#### Our concerns:

To make clear: Our issue is not with the aircraft flying in and out of the Port Colborne Airport.

The concern is the location of Windmill # 4 & # 5 is directly upwind of our main landing area which will NO doubt create turbulence and a hazards for our jumpers.

We made mention that anything located West of Station Road wouldn't effect us too badly... however we would have to consider the location site on the West side of Station Road.

What we call "spotting" is when we take into consideration of the wind direction at altitude and the ground winds. We get our winds from flight service for the morning and for the afternoon hours everyday we are jumping. Our "spot" is determined by the wind direction. Our "spot" location 85% of the time is directly West of the airport, it's not a rare occurrence to be getting out of the aircraft 2 – 3 miles west of the airport to compensate for the upper winds aloft, this giving our jumpers no option of having to fly directly over these Windmills, with times when the wind is strong we will be less than 1000 ft over them which is a tremendous safety hazard and we would be in violation of the Canadian Air Regulations of Visual Flying Rules (VFR) CARS 602 – must be a 1000ft above the ground or the highest obstacle.

We asked what the plan of action would be if one of our jumpers got hooked up or hit one of these windmills, because there are times when we have students or even highly experienced jumpers landing off (meaning a miscalculation of the spot or they've run into a parachute emergency) and have no choice to find another location to land safely at. The response we received was "well what's **Your** plan"? **NO consideration what so ever**.

Another concern is about the 400 page report showing the coordinates for the Wainfleet Energy Project is Turbine 4 Lat 63 27 50 Long 47 83 89 and Turbine 5 Lat 63 27 06 Long 47 88 17, according to our Navigational Charts that's heading in the direction past Ottawa... our coordinates are Long 42 52 99 and Lat 79 21 10, so again we ask ourselves how much consideration is REALLY being put into this project when the coordinates are not even correct.

It's also known that these windmills can cause interference with communication radios which we use on a regular basis to have communications with our aircraft and our students. Now these go up in that location and we find out after that fact that we have NO communications with our aircraft and a student jumping for the 1<sup>st</sup> time. This is a disaster waiting to happen!!

So with all this said our biggest concern would be to lose not only our business, because this is more than just a business that will only effect Mike, Tara and Miranda (our daughter) Pitt, yes we depend on it to pay our bills and put food on our table... but it's more than that. We have a history here dating back to the early 60's... this place, Wainlfeet is considered people's 2<sup>nd</sup> home, there getaway from the stress of their work week... read our comment cards from 1<sup>st</sup> time jumpers who state that this has changed their lives for the better and that they know what it finally means to live. We have athletes who train for Provincial, National and World Competitions which many of our Instructors have competed in and hold World Records. They're also recognized by and

supported by Sports Canada. We hold Canadian Records here for largest formations since 2000 that are known world wide. I can go on and on with our history and who we support other than ourselves but mainly we just want our concerns **really** taken into consideration, because after reading the 400 page report not once is Skydive Burnaby, Port Colborne Airport and or their jumpers safety mentioned in this report and you say our concerns were taken into consideration... sorry but to be completely honest we don't believe that statement. At least work with us so that we don't have to CLOSE SHOP after being in business at this same location for over 60 years.

We look forward to hearing from you and setting up a meeting with you over our concerns and want you to take them seriously as this is a serious situation for our livelihood. We are available 24/7 at anytime.

We work extremely hard in following ALL Safety Rules & Regulations and our Safety record shows that. We're not just a bunch of crazy people jumping out of airplanes like some may think and should be taken seriously; on the contrary we're very focused individuals who are determined to have our sport progress for the next generation to love and be passionate about. We will continue to fight for the Safety of our jumpers and keeping a roof over our heads.

Thank you for your time and looking forward to meeting with you.

Regards.

Mike & Tara Pitt Skydive Burnaby Doug I fines Ma

Dear Neighbors,

There is a proposed and apparently approved, Industrial Wind Turbines going up in our neighborhood. There was a public meeting back in August making us aware of this project. At that meeting we were told that there would be another meeting in September... that meeting never happened. On Dec 6<sup>th</sup> we received a phone call from IPC Energy Manager Tom Lewis asking us to take a look at the approved sites. There are 5 Industrial Wind Turbines for Phase I going up.... Unless we fight this and join forces with other communities doing the same i.e West Lincoln and the Glanbrook Community.

The complete plan is to have 400 Industrial Wind Turbines from Hamilton all the way to Niagara... imagine 400!!

The President from IPC Energy John Andrews told us the location for turbine 1-3 will be located on North West of here on Brawn Rd and turbine 4& 5 on Station Rd.

The following website and links will provide valuable information for you to become educated and have your own opinion. It includes facts from people who are living with these Turbines and experiencing health issues and who's property values have dropped. People who are fighting against them because we believe that we have environmental and energy issues and we believe that these technical matters should be solved using real science. Who can dispute either of these. I do not want to get sick and nor do I want my property value to drop. If this isn't the case as they say then prove it to us before they go up!

We will be having an emergency community meeting on Saturday January 15<sup>th</sup>, 2011 at 10am at the Brethren in Christ Church at 10641-Highway 3. Joining us will be Cam Pritchard from west Lincoln our Mayor of Wainfleet and possibly John Laforte. They want to start construction on these Turbines by May 2011 so this doesn't leave us a lot of time. So we hope you feel as strongly as we do about this and join us on the 15<sup>th</sup> of January and let's all get educated.

Please go to Wainfleet Wind Energy – click Renewable Energy Approval – scroll down a bit and click on Draft # 1\_REA Package\_26NOV10 and download this 426 page draft, the maps are on page 420.

Also check out

www.wiwag.com

http://www.niagarathisweek.com/news/article/903077--a-call-to-arms-against-wind http://windconcernsontario.wordpress.com/2010/12/19/unseasonably-blustery-for-wind-turbine-projects/

If you have any questions or ideas to help out with this please contact us anytime 24/7. Mike & Tara Pitt 905-899-4361

Thank you for letting us speak with you today.

No. 1578 P. 1

## TOWNSHIP OF WAINFLEET

2010 - 2014

905-899-4362 Ath-TARA

## **MEMBERS OF COUNCIL**

## **MAYOR**

Wainfleet, ON LOS IVO

JEFFS, April 13L23 Morgan's Point Road RR 2 Port Colborne, ON L3K 5V4	Office Home Email	(905) 899-3463 (Primary) (905) 834-9052 (Alternate) ajeffs@wainfleet.ca 905-658-7098
ALDERMEN		
DYKSTRA, Richard 51558 Forks Road RR 3 Wainfleet, ON LOS 1V0	Home Email	(905) 899-2157 rdykstra@wainfleet.ca
HESSELS, Ted 73272 Robertson Road RR #3 Wellandport, ON LOR 2J0	Home Fax Email	(905) 386-6580 (905) 386-6695 thessels@wainflect.ca
KONC, Betty 831 Highway #3 East Port Colborne, ON L3K 5V3	Home Email	(905) 834-1143 bkonc@wainflect.ca
WYATT, David 53024 Perry Road RR 1	Home Email	(905) 899-0858 dwyatt@wninfleet.ca

## **Britney Pringle**

From: Britney Pringle

Sent: Wednesday, December 29, 2010 12:01 PM

To: 'hainesm@ndp.on.ca'

Cc: 'jwilkinson.mpp.co@liberal.ola.org'; 'ajeffs@wainfleet.ca'; 'tara@skydiveburnaby.com'; John

Andrews; Terry Hawrysh; Tom Lewis; Paul Draycott; Jonathan Veale

**Subject:** RE: Open Letter as discussed regarding Skydive Burnaby in Wainfleet. Pls forward to Mr.

Andrews, Thanks, Office of Peter Kormos, MPP Welland Riding

Attachments: 1104036\_Response Letter\_Mr. Haines\_29Dec10.pdf

Dear Mr. Haines,

On behalf of the proponent (Wainfleet Wind Energy Inc.) and IPC Energy please find the response to your open letter dated December 17, 2010, addressed to Hon. John Wilkinson regarding the Wainfleet Wind Energy Project.

Best Regards,

#### **Britney Pringle**

Environmental Planner bpringle@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Dir: 416 499 3110 x1435 | Fax: 416 499 9658 morrisonhershfield.com

**From:** hainesm@ndp.on.ca [mailto:hainesm@ndp.on.ca]

**Sent:** December-17-10 2:23 PM

To: Sunny Galia

Subject: Open Letter as discussed regarding Skydive Burnaby in Wainfleet. Pls forward to Mr. Andrews, Thanks, Office of

Peter Kormos, MPP Welland Riding



December 29, 2010

Mr. Mike Haines Peter Kormos M.P.P. Constituency Office 60 King Street, Unit 103 Welland, Ontario L3B 6A4

Re: Wainfleet Wind Energy Project Response to Open Letter dated December 17, 2010

Dear Mr. Haines,

On behalf of the proponent (Wainfleet Wind Energy Inc.) and IPC Energy thank-you for forwarding a copy of your open letter addressed to Hon. John Wilkinson, Minister of the Environment, dated December 17, 2010. In your letter you address concerns raised by Mike and Tara Pitt, owners of Skydive Burnaby regarding the Wainfleet Wind Energy Project as it relates to Skydive Burnaby's parachuting operations and turbine locations #4 and #5. The purpose of this letter is to speak to Mr. and Mrs. Pitt's comments and to provide you with additional information regarding the proposed Wainfleet Wind Energy Project.

The Wainfleet Wind Energy Project is presently seeking a Renewable Energy Approval (REA) from the Ministry of Environment (MOE), and is following the planning process prescribed under Ontario Regulation 359/09 (Renewable Energy Approvals). The REA process requires proponents of renewable energy projects (such as Wainfleet Wind Energy Inc.) to conduct environmental investigations and meet mandatory consultation requirements before the applicant can be eligible to apply for approval from the MOE. The REA process also requires public and agency comments to be considered throughout the entire planning process.

In regards to Mr. Pitt's concerns that the project is "a done deal", without adequately addressing his business's operations in the design of the proposed facility's layout and project related reports, the project team wishes to clarify that the Wainfleet Wind Energy Project has not received an approval from MOE, nor has it submitted the required supporting documentation/reports to receive an approval. Presently, we are still undertaking the necessary public, agency, and aboriginal consultation requirements and preparing the project's Draft REA package that will be made available for public and agency review/comment. A second public open house will be held for the project sometime in the new year. A Consultation Report will also be submitted as part of the final REA package to MOE, which will document how all public and agency comments and concerns were addressed and incorporated into the final design of the project. This report will include a description of how the project team addressed Skydive Burnaby's concerns and comments throughout the entire planning phase of the project and how these comments were incorporated into the final design of the project.

Wainfleet Wind Energy Inc. remains committed to adhering to all required regulatory setbacks and regulations in the design and operation of the Wainfleet Wind Energy Project, and as such

has consulted with numerous agencies and stakeholders to receive input into the project's design. To address Skydive Burnaby's concerns regarding the safety of their jumpers we have engaged in consultation with Transport Canada (TC) to ensure that the project meets their regulatory and safety requirements. The Proponent submitted an Aeronautical Obstruction Clearance Form to TC for an assessment of lighting and painting requirements in support of local aviation safety. TC determined in their assessment that project turbines #2, #4, #5 will require lighting in accordance with the requirements stipulated in standard 621.19 of the Canadian Aviation Regulations (CARs), Standards Obstruction Markings. Our consultation with TC is still ongoing in an attempt to ensure that the proposed facility's design and operation is in compliance with all required regulations.

With regards to potential radio communication interference, which could cause safety concerns for Skydive Burnaby's operations and communication with its jumpers as identified by Mr. Pitt, we are also currently consulting with NAV Canada on this matter. The Proponent has submitted a Land Use Proposal Form to NAV Canada, which will evaluate the project's proposed turbine locations to ensure that the project does not interfere with NAV Canada services or its communication, navigation, and surveillance facilities. We are still waiting for their evaluation to be complete, but once we receive feedback their comments will be incorporated into the project's design.

We have also consulted with the Radio Advisory Board of Canada, Department of National Defense, Canadian Coast Guard, and Industry Canada's Spectrum Management and Telecommunications division. To date, no radio communication interference concerns have been identified as a result of our consultation activities with these agencies, but we will continue to keep them informed as the project progress.

Emergency response measures were also identified by Mr. Pitt as a source of concern, in the event that one of his jumpers collided with the project's turbines. It would be important to note that safety and emergency response measures have also been incorporated into the project's Environmental Effects Monitoring Plan (which has been made available to the public on the project's website) in the event that an unexpected occurrence or accident takes place within the Wainfleet Wind Energy Project's facility or to the wind turbines directly. In this report there is a sub-section titled "Accidents and Malfunctions" discussing aeronautical obstruction. At this time we would welcome Mr. and Ms. Pitt, as the owners of Skydive Burnaby to review this section of the report and engage with us in a discussion as to how we might better improve the Proponent's emergency response plan in the event that a collision with a low flying aircraft or a Skydive Burnaby jumper occurs.

To respond to Mr. Pitt's statement that the turbine location coordinates that we provided to the public in project documentation are not accurate, is incorrect. We have provided the geographic location for the project's five turbine locations using North American Datum 1983 (NAD 83), Universal Transverse Mercator (UTM) Coordinates. This is clearly identified in versions of our draft reports. Mr. Pitt references Skydive Burnaby's coordinates as being "Long 42 52 99 and Lat 79 21 10." The coordinates he provided are based on a different geographic coordinate system and therefore accounts for his misinterpretation of the coordinates we provided.

Wainfleet Wind Energy Inc. has no intention of constructing a wind energy facility that will negatively impact the surrounding community or cause established local businesses such as Skydive Burnaby to shutdown operations. The project team received a fax from Skydive Burnaby on August 27, 2010 which contained a completed comment form that was distributed at the project's first public open house on August 24, 2010. This comment form has been included



in the project's public record. In email correspondence dated August 30, 2010 (attached) between the project team and Mr. Pitt we acknowledged that we had received the comment sheet and he was informed that we were actively consulting with TC and NAV Canada regarding the design of the project's layout and that he would be notified when we had determined a final turbine layout that would be used for public and agency consultation purposes. We also provided the names and contact information for the staff at the two agencies that we had on file at the time regarding the project.

The current turbine layout was determined based on factors such as the availability of participating landowners, and the ability to comply with the required setback distances from natural features and noise receptors (i.e. residences, schools, places of worship). We have also undertaken extensive environmental studies for natural heritage, cultural heritage, archeology, and noise to help determine the best location for the project's five wind turbines within the study area.

The project team has attempted to be conscientious of Skydive Burnaby's location in the design of the proposed turbine locations. Earlier versions of the turbine layout included a higher number of the project's five (5) turbines being located closer to Skydive Burnaby. In Mr. and Mrs. Pitt's letter addressed to you they state "we made mention that anything located West of Station Road wouldn't effect us too badly...however we would have to consider the location site on the West side of Station Road." As presently proposed, turbines #4 and #5 will be located only 130m and 98m east of Station Road, which is not a large variance from what they stated would not effect them too badly.

It remains the project team's objective to leave no residual negative effects as a result of the project's operations. In fact, we hope to serve the public interest by providing a clean and renewable source of energy within the Township of Wainfleet. At this time, public and agency consultation for the Wainfleet Wind Energy Project is still ongoing, and the project team welcomes additional correspondence or comments from any interested stakeholder concerning the project's design and the content of all required project reports and studies that will be submitted to MOE for approval.

Thank-you again for taking the time to inform us of Mr. and Mrs. Pitt's concerns, which have been expressed to your office. In the near future we will notify you about the next Public Open House for the Wainfleet Wind Energy Project. That may be a good opportunity for us to discuss any further thoughts that you may have about this project. In the meantime, please contact us as you see fit.

Yours truly,

## Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: Sunny@ipcenergy.ca

## Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658

E-Mail: BPringle@morrisonhersfield.com



Attachments: Open Letter to Hon. John Wilkinson, Minister of Environment dated December 17, 2010

Email correspondence dated August 30, 2010

CC: John Wilkinson, Minister of the Environment Mike and Tara Pitt, Skydive Burnaby April Jeffs, Mayor of Wainfleet John Andrews, IPC Tom Lewis, IPC Terry Hawrysh, IPC Paul Draycott, MH Jonathan Veale, MH



## **Britney Pringle**

From: Jonathan Veale

**Sent:** Monday, August 30, 2010 10:16 PM pneumatic.sports@sympatico.ca

Cc: Loeffen Farms; Tom Lewis; Sunny Galia; Britney Pringle

Subject: RE: Wainfleet wind energy project

Importance: High

Mr. Pitt:

Thank-you for your interest in the Wainfleet Wind Energy Project. We are currently consulting with NAV Canada and Transport Canada regarding this project. Our consultation with Nav Canada and Transport Canada is still ongoing and their feedback will be incorporated into the project's design where appropriate. We have not received a response from Transport Canada so they may not yet have reviewed our proposal.

Once we determine the final turbine layout, these agencies will be able to better respond to us. We expect to have a final layout in the next few weeks. Generally, our discussions with NAVCanada and Transport Canada are limited to letter, e-mail, and telephone correspondence.

Here is the contact information that we have on file for both agencies:

## **NAV Canada**

Mr. John Morris
Director of Communications
NAV Canada
P.O. Box 3411, Station 'D'
Ottawa, Ontario
K1P 5L6

Tel: (613) 563-7032 morrijo@navcanada.ca

Mr. Tom Hollinger Manager, Data Collection Aeronautical Information Services NAV Canada 1601 Tom Roberts Road, P.O. Box 9824, Station 'T' Ottawa, Ontario K1G 6R2

Tel: (866) 577-0247

Mr. David Ferris NAV Canada Tel: (613) 248-7554 FerrisD@navcanada.ca

### **Transport Canada**

Ontario Region - Civil Aviation Transport Canada 4900 Yonge Street, Suite 300 North York, Ontario

M2N 6A5

Tel: (416) 952-0230 Fax: (416) 952-0196

Michael Stephenson

Regional Director General, Ontario Transport Canada

4900 Yonge Street, Suite 400

Willowdale, Ontario

M2N 6A5

Tel: (416) 952-2170 Fax: (416) 953-2174

Please do not hesitate to contact us if you require anything further.

## Regards,

#### Jonathan Veale

Environmental Planner – Environmental Division Planificateur environnementale – Division Environnementale iveale@morrisonhershfield.com



Office: 416 499 3110 x1639 | Fax: 416 499 9658 morrisonhershfield.com

**From:** Mike and Tara Pitt [mailto:pneumatic.sports@sympatico.ca]

**Sent:** August-30-10 4:50 PM

To: Sunny Galia; tara@skydiveburnaby.com

Cc: Tom Lewis; Loeffen Farms; michael.lucking@tc.gc.ca

Subject: Re: Wainfleet wind energy project

Good Day Mr. Galia,

Thank you for your quick reply on our comment sheet. Please inform me of who you will be intouch with at Transport and Nav. Canada, I would like to be involved with these meetings. Thank you for your time in advance.

Mike Pitt

Port Colborne Airport est. 1948

St. Catherine's Parachute Club/ Skydive Burnaby est. 1961

---- Original Message -----

From: Sunny Galia

To: tara@skydiveburnaby.com
Cc: Tom Lewis ; Loeffen Farms

**Sent:** Monday, August 30, 2010 12:47 PM **Subject:** Wainfleet wind energy project

Dear Mr. and Mrs. Pitt:

Thank you for sending us your comment sheet and providing your inputs regarding our proposed Wainfleet wind energy project. We are committed to develop this project in the most environmentally friendly manner acceptable to the local communities. We would certainly like to consider your inputs while designing the project and finalizing the turbine locations. We are also consulting Transport Canada and Nav Canada for their concerns and inputs. At this stage we would like to tell you that the turbine height (obstruction height) up to the tip of the blade is 145m and not 380m as suggested by you. We will provide turbine locations and other information for your review in near future and will be too pleased to address questions and concerns from your side.

Sincerely,

Sunny Galia Project Manager

## **IPC Energy**

2550 Argentia Road, Suite 105 Mississauga, ON L5N 5R1 905 607-1016 ext 222 905 607-5995 fax 416 629 6440 mobile sunny@ipcenergy.ca www.ipcenergy.ca



Assemblée législative de l'Ontario

December 17, 2010

Peter Kormos M.P.P. Welland

Hon. John Wilkinson Ministry of the Environment 77 Wellesley Street West 11<sup>th</sup> Floor, Ferguson Block Toronto, ON M7A 2T5 OPEN LETTER

Dear Sir:

I am sending this letter on behalf of Mike and Tara Pitt of Wainfleet, Ontario, and their business Skydive Burnaby and the possible grounding of this 40 year old business if a proposed wind farm is constructed near their facility.

This is a seasonal operation employing up to thirty people with an estimated 10,000 parachute jumps each year by individuals and families. The business also pays nearly \$7,000 annually in taxes.

Mr. Pitt has raised his concerns with IPC Energy in the attached comment sheet provided at an open house, but said he's been told by company president John Andrews that it is a done deal. He finds that somewhat disturbing and a total lack of concern for a local business. The 100-metre-tall wind turbines maybe 1.5 kilometers from the skydiving club, but there is still the drop zone that would be impacted raising a variety of safety issues for participants.

Mr. Pitt feels there are other options for the wind turbine farm and just wants someone to listen to him before it's too late. He says the wind turbines have influence well beyond the reach of its blades and would put him out of business. He can be called at 905-899-4361.

On behalf of Mr. Pitt, I would request your Ministry, IPC Energy and the Town of Wainfleet work to prevent the closing of Skydive Burnaby along with the loss of hundreds of people this popular operation brings to Wainfleet.

Your time and consideration of this urgent matter is appreciated.

Sincerely,

Wike Houses

Mike Haines

Attach.

Copy: Mike and Tara Pitt

April Jeffs, Mayor of Wainfleet John Andrews, President, IPC Energy Sunny Galia, IPC Energy Project Manager

> Unit 103 - 60 King Street, Welland, Ontario L3B 6A4 Tel. (905) 732-6884 • Fax (905) 732-9782







# **COMMENT SHEET**

# RENEWABLE ENERGY APPROVAL FOR THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #1

Tuesday, August 24, 2010
Township of Wainfleet, Firefighters Memorial Hall
19M7 Park Street, Wainfleet, Ontario

Thank you for attending the first Public Open House for the Wainfleet Wind Energy Project. Please take a minute to complete this brief comment sheet. You are welcome to comment on any aspect of the project which you consider to be important. All comments will be carefully considered. You may drop your completed comment sheet in the box provided or mail or fax by **September 24, 2010**, to:

Sunny Gaila
Project Manager
IPC Energy
Wainfleet Wind Energy Project
2550 Argentia Road, Suite 105
Mississauga, Ontario L5N 5R1
Tel.: (905) 607-1016

Tel.: (905) 607-1016 Fax: (905) 607-5995 Email: Sunny@ipcenergy.ca Jonathan Veale
Environmental Planner
Morrison Hershfield
Wainfleet Wind Energy Project
235 Yorkland Boulevard, Suite 600
Toronto, Ontario M2J 1T1
Tel.: (416) 499-3110

Fax: (416) 499-9658 Email: jveale@morrisonhershfield.com

What aspect of the project are you most interested in?
mainly the positioning of the windmills trom
mainly the positioning of the windmills from our skydiving school Togodion that has been
established since 1961.
From your perspective, what is the most important consideration in developing this wind
:
Positioning, the distance of turbulance thatit will create towards our position for our jumpers and their safety. Also this is our lively lead the placement of the windmills is serious to us.  Is there additional information that you would like to learn about this project?
will create towards our position for our
jumpers and their safety. Also this is our lively
Is there additional information that you would like to learn about this project?
The Study Completed about the down wind
The Study Completed about the down wind turbulance caused by the windmills.
Do you have any comments regarding this Public Open House? (i.e. location, information
presented, help received on understanding the project, opportunity to ask questions)

December 17, 2010

Mike Haines Peter Kormos Office

## PLEASE REGISTER THIS AS A FORMAL COMPLAINT

Dear Mr. Haines,

This letter is to express the many concerns that we, owners of Skydive Burnaby have with the location of the Industrial Wind Turbine # 4 and Industrial Wind Turbine # 5 to be located in Wainlfeet On.

We, Mike & Tara Pitt owners of Skydive Burnaby attended the open house public meeting with IPC on August 24<sup>th</sup>, 2010 in Wainlfeet and expressed our concerns verbally at the public meeting as well as the comment sheet that was provided on August 24<sup>th</sup>, 2010, faxed to Sunny Gaila sunny@ipcenergy.ca and Jonathan Veale jveale@morrisonhershfield.com. We then received an email from Tom Lewis showing us the draft and maps of the 5 locations and he sounded very confident that these locations would work out for both parties.

Skydive Burnaby is an established business that has been at this location since 1961 and has been an airport since 1948. This business is our livelihood and we among other local businesses, over 30 employees and charities that we support depend on it.

## Our concerns:

To make clear: Our issue is not with the aircraft flying in and out of the Port Colborne Airport.

The concern is the location of Industrial Wind Turbine # 4 & # 5 are directly upwind of our main landing area which will NO doubt create turbulence and hazards for our jumpers.

We made mention that anything located West of Station Road wouldn't effect us too badly... however we would have to consider the location site on the West side of Station Road.

What we call "spotting" is when we take into consideration of the wind direction at altitude and the ground winds. We get our winds from flight service for the morning and for the afternoon hours everyday we are jumping. Our "spot" is determined by the wind direction. Our "spot" location 85% of the time is directly West of the airport, it's not a rare occurrence to be getting out of the aircraft 2 – 3 miles west of the airport to compensate for the upper winds aloft, this giving our jumpers no option of having to fly directly over these Industrial Wind Turbines, with times when the wind is strong we will be less than 1000 ft over them which is a tremendous safety hazard and we would be in violation of the Canadian Air Regulations of Visual Flying Rules (VFR) CARS 602 – must be a 1000ft above the ground or the highest obstacle.

We asked what the plan of action would be if one of our jumpers got hooked up or hit one of these windmills, because there are times when we have students or even highly experienced jumpers landing off (meaning a miscalculation of the spot or they've run into a parachute emergency) and have no choice to find another location to land safely at. The response we received was "well what's **Your** plan"? **NO consideration what so ever**.

When speaking with the President John Andrews 905-607-1016 ext 223 on Monday December 6<sup>th</sup>, 2010 giving him our concerns he said "look they've been approved do what you got to do"... we felt like we we're being bullied from the play ground bully and left thinking we can't do anything about it. REALLY?? An established business that has been here for over 60 years can be shut down just like this.... Plain and simple! We hope not...

Another concern is about the 400 page report showing the coordinates for the Wainfleet Energy Project is, that location is somewhere in Quebec, our coordinates are Long 42 52 99 and Lat 79 21 10, so again we ask ourselves how much consideration is REALLY being put into this project when the coordinates are not even correct.

It's also known that these windmills can cause interference with communication radios which we use on a regular basis to have communications with our aircraft and our students. Now these go up in that location and we find out after that fact that we have NO communications with our aircraft and a student jumping for the 1<sup>st</sup> time. This is a disaster waiting to happen!!

So with all this said our biggest concern would be to lose not only our business, because this is more than just a business that will only effect Mike, Tara and Miranda (our daughter) Pitt, yes we depend on it to pay our bills and put food on our table... but it's more than that. We have a history here dating back to the early 60's... this place, Wainlfeet is considered people's 2<sup>nd</sup> home, there getaway from the stress of their work week... read our comment cards from 1<sup>st</sup> time jumpers who state that this has changed their lives for the better and that they know what it finally means to live. We have athletes who train for Provincial, National and World Competitions which many of our Instructors have competed in and hold World Records. They're also recognized by and supported by Sports Canada. We hold Canadian Records here for largest formations since 2000 that are known world wide. I can go on and on with our history and who we support

other than ourselves but mainly we just want our concerns **really** taken into consideration, because after reading the 400 page report not once is Skydive Burnaby, Port Colborne Airport and or their jumpers safety mentioned in this report and they say our concerns were taken into consideration... sorry but to be completely honest we don't believe that statement. At least work with us so that we don't have to CLOSE SHOP after being in business at this same location for over 60 years.

We look forward to hearing from you and helping us in any way you can or setting up a meeting if need be. We are available 24/7 at anytime.

We work extremely hard in following ALL Safety Rules & Regulations and our Safety record shows that. We're not just a bunch of crazy people jumping out of airplanes like some may think and should be taken seriously; on the contrary we're very focused individuals who are determined to have our sport progress for the next generation to love and be passionate about. We will continue to fight for the Safety of our jumpers and keeping a roof over our heads.

Thank you for your time and looking forward to hearing from you and or meeting with you.

Regards,

Mike & Tara Pitt Skydive Burnaby 905-899-1528

## **Britney Pringle**

**Subject:** FW: Wind Turbines

From: Ted Hessels [mailto:THessels@wainfleet.ca]

Sent: January-03-11 12:37 PM

To: john@ipcenenergy.ca; Tom Lewis

**Subject:** FW: Wind Turbines

From:

**Sent:** Thu 30/12/2010 11:40 AM

To: April Jeffs; Richard Dykstra; Ted Hessels; Betty Konc; David Wyatt; hainesm@ndp.on.ca

**Cc:** mike@skydiveburnaby.com **Subject:** Wind Turbines

Hello, I understand that you are considering plans to install several windmills within 2 kilometres of Skydive Burnaby, and would like to express my strong opposition to these plans. As you know, Skydive Burnaby has been in operation at the Burnaby Road location for over 50 years, providing local employment and boosting the local economy by attracting many people to the area - not just skydivers, but tandem passengers and their families.

As a skydiver, I spend most summer weekends at Burnaby, where I have come to expect a safe environment. I am very concerned that my safety, and that of the many prospective tandem passengers using Skydive Burnaby, will be compromised by the proposed installation of these windmills. Trying to navigate a parachute is not as easy as flying an airplane, where you have the option of applying power to fly up over obstacles. A parachute will always fly downwards, toward the ground, so if a windmill is in the way, avoiding it would not be a simple matter. The thought of trying to fly between rotating blades is scary enough that I would have to seriously consider moving to another dropzone.

Even worse, students who are inexperienced are known to make unpredictable and potentially fatal decisions under the stress of flying a parachute, possibly for the first time ever. Even if the blades are not rotating, students have been known to acquire "target fixation" and fly directly at the object that they know they're supposed to avoid. I hate to imagine the results if a student were to collide with a windmill at 50-100 feet above the ground, but I don't think this scenario would end well. Given the unfortunate propensity of lawyers to sue everyone in sight after an accident, I'm actually surprised that the owners of the land involved are allowing these things so close to an established airport. One can only assume that they are unaware of the potential risks that they are taking.

I urge you to consider carefully the full implications of these windmills so close to our landing area. I understand society's need for clean energy, and I imagine the power companies are paying well for the right to install these windmills; I also am positive that placing them so close to an established local business can only have

negative	results	in	the	long	run

Sincerely,

Time is the coin of your life. It is the only coin you have, and only you can determine how it will be spent. Be careful lest you let other people spend it for you. - Carl Sandburg, poet (1878-1967)

**Subject:** FW: Skydive Burnaby - Wind Turbines #4 & 5

From: Ted Hessels [mailto:THessels@wainfleet.ca]

**Sent:** January-03-11 12:31 PM **To:** john@ipcenenergy.ca; Tom Lewis

Subject: FW: Skydive Burnaby - Wind Turbines #4 & 5

From:

**Sent:** Fri 31/12/2010 12:17 PM

To: April Jeffs; Richard Dykstra; Ted Hessels; Betty Konc; David Wyatt; <a href="maintenant-nainten

Cc: mike@skydiveburnaby.com

Subject: Skydive Burnaby - Wind Turbines #4 & 5

Hello All,

My name is and I'm an instructor and experienced jumper at Skydive Burnaby. It has come to my attention that there is a plan for wind turbines #4 & 5 to be located directly west 1800 meters and 1700 meters respectively upwind. These obstacles would present a huge safety risk. Most of the time as jumpers we exit on jump run over those fields. We would be flying directly over these huge blades at roughly 500 to 1000 feet. The turbines will generate a lot of turbulence further adding to the risk. Additionally, there are times when we have to land off in these fields due to winds and once again these present additional risk. Whether talking about experienced jumpers, tandems, or students I'm sure all of us are concerned by these planned locations.

Skydive Burnaby is many things to me. First off I work there as a tandem instructor. That said Skydive Burnaby is much more. It is like a family to us all. Throughout the jump season I spend every weekend at the dropzone and in the evening we go out for dinner. After that we group around the campfire for much of the night. In 2009 we hosted the Canadian Nationals competition. My team and I competed in this competition for the first time. The experience was incredible and it felt good knowing that we were at our home dropzone.

If these wind turbines are installed the entire dropzone is at risk of closure. This puts my ability to teach skydiving at risk. Additionally, it would feel like losing a family. The impact would also affect the community too. We do a lot of business throughout the season. As skydivers that business carries over into other businesses. The local restaurants and stores would lose our business as we would be forced to go elsewhere. Please save our dropzone from this very real danger.

Sincerely,			

This transmission (including any attachments) may contain confidential information, privileged material (including material protected by the solicitor-client or other applicable privileges), or constitute non-public information. Any use of this information by anyone other than the intended recipient is prohibited. If you have received this transmission in error, please immediately reply to the sender and delete this information from your system. Use, dissemination, distribution, or reproduction of this transmission by unintended recipients is not authorized and may be unlawful.

**Subject:** FW: Skydive Burnaby and Turbines #4 and #5

From: Ted Hessels [mailto:THessels@wainfleet.ca]

Sent: January-03-11 12:27 PM

To: john@ipcenenergy.ca; Tom Lewis

Subject: FW: Skydive Burnaby and Turbines #4 and #5

From: ( ---- ---- ----- ------

**Sent:** Fri 31/12/2010 5:04 PM

To: Ted Hessels

Cc: mike@skydiveburnaby.com

**Subject:** Skydive Burnaby and Turbines #4 and #5

Ted Hessels, Betty Konc, David Wyatt,

It it with great concern for my safety and the safety of everyone else involved in a great sport, parachuting that I write this letter. Many people think that this is a dangerous sport and that we risk our lives every day partaking in such activity. Nothing could be further from the truth. It is a great sport requiring an excellent physical and mental discipline. As with many sports there are risks but in most cases they are within our control. The town of Wainfleet is attempting to allow something to be put in place that would put my life and the life of everyone involved in the sport at Skydive Burnaby in great danger. Those are wind turbines.

I do not understand the logic involved in the choice of location for Turbines #4 and #5 just upwind from the drop zone. There are kilometers and kilometers of land along the lake shore, some within Wainfleet as well as adjacent communities. Since 1948 people have been parachuting in Niagara and in 1962 it was moved from St. Catharines to it's current location, Skydive Burnaby. For 49 years this has been an institution. A great local attraction for both spectators, participants and local residents. I grew up in the Wainfleet area and as a child loved watching the skydivers from Morgans Point. When I became old enough I took my first jumps and have always felt safe. The town of Wainfleet is attempting to put something in place that would change that.

I urge you to consider the consequences of allowing wind turbines to be put in these specific locations. Consider the safety of the jumpers. Think about the employees that earn a living here. The owners of the club that have made this club feel like a home to us all and a great welcoming place for spectators. I look forward to meeting with you soon and attending the meetings regarding these decisions.

Regards,

**Subject:** FW: Wind Turbines in Wainfleet and surrounding Skydive Burnaby

From: Ted Hessels [mailto:THessels@wainfleet.ca]

**Sent:** January-03-11 12:32 PM

To: john@ipcenenergy.ca; Tom Lewis

**Subject:** FW: Wind Turbines in Wainfleet and surrounding Skydive Burnaby

From:

**Sent:** Fri 31/12/2010 8:37 AM

To: April Jeffs; Richard Dykstra; Ted Hessels; Betty Konc; David Wyatt; Mike Haines

Cc: mike

Subject: Wind Turbines in Wainfleet and surrounding Skydive Burnaby

Dear Sirs and Madam

I am writing about the Tuesday January 11th Town Meeting discussion for Wind Turbines to be erected in the Wainfleet area.

As a skydiver who jumps regularly at Skydive Burnaby, I wanted to state the hugely detrimental and hazardous effect the installation of such wind turbines would have on the safety of the skydivers. The rotors (i.e. turbulence) that are created by these wind turbines would create a relevant and inherently critical danger to all those who skydive. Not only that, Transport Canada has a set standard for obstacle clearance (Standard AGA 4.0 obstacle clearance -

http://www.tc.gc.ca/eng/civilaviation/publications/tp14371-aga-4-0-614.htm), of which said turbines would be in conflict with the regulations.

The proposed turbines # 4 & 5 (locations are direct west 1800 meters from the wind sock and 1700 meters direct west from the south end of the pond at Skydive Burnaby) are directly upwind for 80% of the year, when the prevailing winds come from the direct west. This means that the Skydivers will need to fly directly over top of the blades and the resulting wind turbulence in order to 'safely' get back to the landing area. There is **no** safety margin when skydiver meets turbulence.

If the wind turbines were to be installed, our skydiving family and the operation of Skydive Burnaby would forever be affected. Mike and Tara Pitt have built an incredibly successful and important skydiving operation in Canada, which draws huge amounts of income as well as skydivers from around Ontario, the country and the world. The Wainfleet and Port Colborne economy very much thrives on the skydiving population. If wind turbines were to be installed around the area, I fear that Skydive Burnaby would have to close down due to safety regulations and hazards from the turbine installations.

Please would you seriously consider the impact that these Turbines might have on the local economy, the business of Skydive Burnaby and the skydiving population of Ontario / Canada. I am all for green energy efficiency and the harnessing of wind energy, but when it impacts the safety of my skydiving family, we are all affected and I can't help but be wary of the domino effect it will have on us all.

Sincerely,

**Subject:** FW: STOP the industrial wind turbines in Wainfleet

From: Ted Hessels [mailto:THessels@wainfleet.ca]

**Sent:** January-03-11 12:23 PM **To:** John Andrews: Tom Lewis

Subject: FW: STOP the industrial wind turbines in Wainfleet

From:

**Sent:** Sun 02/01/2011 10:24 PM

To: April Jeffs; Richard Dykstra; Ted Hessels; Betty Konc; David Wyatt; hainesm@ndp.on.ca

Cc: mike@skydiveburnaby.com

Subject: STOP the industrial wind turbines in Wainfleet

Dear Sir/Madam,

I am writing to you all today to voice my concern for my safety due to the new industrial wind turbines that are planned to be erected in Wainfleet.

These new turbines that might rise up will cause many problems to all of us skydivers, as they create very large obstacles, disrupt regular wind flow by creating turbulences, and are a very large threat to our safety and well being as we participate in a relatively safe sport otherwise.

These moving blades will create a critical danger to each and every skydiver, both the one-time jumper that is just a "thrill seeker" for the weekend and more important to me - regular skydivers who participate in this life changing activity on a regular basis.

I say life changing activity because it has changed my life for the better, from the moment I made my first jump over a decade ago all the way through multiple records that I took part in - both National and World Records. This amazing sport has taken me around the world many times, to meet amazing people in every turn. I have been an instructor for over 5 years, and this is how I became part of the Skydive Burnaby family 3 years ago. I have organized skydiving events around the world many times, including some at Skydive Burnaby, and this imminent threat to the safety of the jumpers may force Skydive Burnaby to close its doors to people like me and all other people who benefit from the wonderful services they provide.

I understand that this sport is not for everyone, and I understand that this email may not be as clear in regards to the danger this issue will cause to someone who is not a skydiver, so think of the threat we will face as random spikes on the road as you drive each morning on your way to work. You may not hit those spikes every day, and you may be lucky to never hit them at all, but is it worth the risk of injury or death in case you do? Driving is dangerous enough as it is, there is no need to make it worse. Skydiving is exactly the same, this sport is as safe as we make it with regulations and rules and guidelines that we follow. We don't need to add more obstacles in our way and make it any worse. In fact, Transport Canada's Standard AGA 4.0 obstacle clearance code should be recognized to ensure the safety of all skydivers.

Thank you for your time, and I hope you will do the right thing for us all and stop this from happening.

**Subject:** FW: Wind Turbines and Skydive Burnaby Drop Zone

From: Mike and Tara Pitt [mailto:pneumatic.sports@sympatico.ca]

**Sent:** January-04-11 1:13 PM

**To:** John Andrews; Geoff Bell; Tom Lewis; Terry Hawrysh **Subject:** Fw: Wind Turbines and Skydive Burnaby Drop Zone

---- Original Message -----

From:

 $\textbf{To:} \ \underline{ajeffs@wainfleet.ca} \ ; \ \underline{hainesm@ndp.on.ca} \ ; \ \underline{rdykstra@wainfleet.ca} \ ; \ \underline{thessels@wainfleet.ca} \ ; \ \underline{bkonc@wainfleet.ca} \ ; \ \underline{bkonc@wainfleet.ca} \ ; \ \underline{hainesm@ndp.on.ca} \ ;$ 

dwyatt@wainfleet.ca; hainesm@ndp.ca

Cc: mike@skydiveburnaby.com

Sent: Monday, January 03, 2011 11:24 AM

Subject: Wind Turbines and Skydive Burnaby Drop Zone

Dear Sir / Madam,

this is an appeal of a regular visitor to Skydive Burnaby Drop Zone to reconsider the proposed location of wind turbines, that would greatly endanger lives of many skydivers and therefore potentially impact the lives of many families.

I have been skydiving at Burnaby since 2005 and consider it a home away from home. But so does my teenage daughter that has been having great time with friends she found there, in the open, away from computers and other artificial, dehumanizing modes of entertainment. Weekends at my drop zone have become a family event, to which she proudly invites her friends, and some of them are now taking up the sport, that is nourishing for body and mind.

This drop zone is, no doubt, the best, the safest and most family friendly drop zone in Canada, that has been there for decades and the installation of proposed wind turbines, will not only impact the owners or dozens of people making their living as employees of the drop zone, or even patrons and their families, but the economy of the whole area. You may wonder why? Being the best and most professional drop zone in the country, many championships, such as Nationals, Provincial or records have been held there and that means every summer there are thousands of people, skydivers, their families and spectators regularly being drawn to the area by Skydive Burnaby. These people are sustaining the local economy, booking rooms at local motels, consuming food at local restaurants, spending their money at every corner store, gasoline station and shopping mall.

Skydive Burnaby is the main attraction in the area and therefore this is my plea to you to take the time to examine, once again, what kind of impact would the wind turbines have for the local population, economy and lives of people who make their living at this drop zone, as well as for us who create a life long memories for both, ourselves and our children, out there.

Sincerely,

**Subject:** FW: Proposed Wind Turbine locations #4 & #5, Wainfleet Ontario

**From:** Mike and Tara Pitt [mailto:pneumatic.sports@sympatico.ca]

**Sent:** January-04-11 1:12 PM

To: John Andrews: Terry Hawrysh: Geoff Bell: Tom Lewis: Scott Luey: chuck miller: grant munday

**Subject:** Fw: Proposed Wind Turbine locations #4 & #5, Wainfleet Ontario

---- Original Message -----

From:

To: ajeffs@wainfleet.ca; rdykstra@wainfleet.ca; thessels@wainfleet.ca; bkonc@wainfleet.ca; dwyatt@wainfleet.ca;

hainesm@ndp.on.ca

Cc: mike@skydiveburnaby.com

Sent: Monday, January 03, 2011 9:49 AM

Subject: RE: Proposed Wind Turbine locations #4 & #5, Wainfleet Ontario

With regard to proposed Wind Turbine locations #4 & #5, Wainfleet Ontario Ladies and Gentlemen,

This letter is written as an appeal to those in power, to amend the proposed location of these Turbines. Although Wind Turbine providers may sell the idea of a 'green' energy alternative, having them physically installed in areas which directly affect the existing population is not warranted. As you may well know already, research has shown that having these Wind Turbines drastically affects a person's well-being and physical health, they're an enormous eyesore for the residents of the area, and specifically.... having them installed approx 1700 meters from a 55 year-old existing and thriving airport and skydiving facility, is downright ridiculous and unacceptable.

Skydive Burnaby (formerly the St. Catharine's Parachute Club) is far from a simple grass landing strip carved into a farm field, with a decrepit old crop duster occasionally dropping 'para-shooters' in old surplus military gear. Skydive Burnaby has evolved into a full-time, world-class skydiving facility, utilized by world-class athletes, with world-class instructors, equipment and aircraft. With over 55 years of contribution to the Wainfleet community, simply installing a Wind Turbine in extremely close proximity to this facility has incredible safety concerns... concerns so severe, this facility would nodoubtedly, and sadly, cease to exist.

I am one of many jumpers and instructors at Skydive Burnaby, just as my father was before me. This is not just simply a hobby for people... it's a lifestyle. It's what I do. It's what I do best. Skydive Burnaby allows me to be an instructor, teaching hundreds and hundreds of first-time students what it's like to truly experience flight. There are no words to describe the satisfaction, or the infatuation that we as skydivers experience. But having it all taken away, and having a thriving business owned and operated by hard-working people shut down, simply because the bureaucratic process has allowed giant, spinning, dangerous mechanical structures nearby, all under the guise of green energy, is heartbreaking.

Simply put, there's a place for these Turbines, but clearly... <u>Turbines / Airports / Skydiving do not mix.</u> I ask of you to please endeavour to see that the location of these proposed installations are amended.

thank you,

**Subject:** FW: Stop the Turbines

From: Mike and Tara Pitt [mailto:pneumatic.sports@sympatico.ca]

**Sent:** January-04-11 2:34 PM

To: Loeffen Loeffen: John Andrews: Tom Lewis: Scott Luev: chuck miller: grant munday

Subject: Fw: Stop the Turbines

---- Original Message -----

From:

 $\textbf{To:} \ \underline{ajeffs@wainfleet.ca} \ ; \ \underline{rdykstra@wainfleet.ca} \ ; \ \underline{thessels@wainfleet.ca} \ ; \ \underline{bkonc@wainfleet.ca} \ ; \ \underline{dwyatt@wainfleet.ca} \ ; \ \underline{$ 

hainesm@ndp.on.ca; mike@skydiveburnaby.com

Sent: Tuesday, January 04, 2011 2:02 PM

Subject: Stop the Turbines

January 4, 2011

Dear Sir/ Madam,

I have been an ongoing tourist in the Wainfleet area since 1978. In this time I have spent 20 weekends per year staying in local hotels, eating in local establishments, purchasing local produce and encouraging others to go with me - a full-time advertisement for this area. I spend approximately \$500.00 per weekend; this \$500.00 X 20 weekends = \$10,000.00 per year X 32 years = \$320,000.00; add in approximately 2 to 4 visitors with me. The loss from my contribution alone is quite substantial! Imagine the financial numbers when you multiple this by 3,000 visitors per year!

I have parachuted for 55 years, 32 years at Skydive Burnaby. I travel from Waterloo to this beautiful area - just one of 3,000 visitors yearly who are attracted by the large and very safe Drop Zone at Skydive Burnaby. I will not be able to jump in close proximity of these wind turbines. I am positive there can be modifications to placement of these units (wind turbines #4 and #5). Otherwise, I will be forced to take my friends and myself to Hamilton or Toronto.

I hope that you give this some consideration.

Sincerely,

**Subject:** FW: Wainfleet wind turbines

From: Mike and Tara Pitt [mailto:pneumatic.sports@sympatico.ca]

**Sent:** January-04-11 1:15 PM

To: Terry Hawrysh; Tom Lewis; Geoff Bell; John Andrews; Scott Luey; chuck miller; grant munday

**Subject:** Fw: Wainfleet wind turbines

---- Original Message -----

From:

To: <a href="mailto:hainesm@ndp.on.ca">hainesm@ndp.on.ca</a>
Co: Mike SkydiveBurnaby

Sent: Tuesday, January 04, 2011 11:19 AM

Subject: Wainfleet wind turbines

January 4, 2011

Dear Mr Haines:

I am writing to express my concern over the proposed wind turbines being placed on Station Rd in Wainfleet, Ontario. I've been a member of Skydive Burnaby on Burnaby Rd in Wainfleet for almost four years and I wish to continue to safely partake in my hobby at Skydive Burnaby for many more years to come. Skydive Burnaby is the reason that I ever travelled to Wainfleet, Ontario in the first place. I live in Mississauga, Ontario, but now spend much of my summer in Wainfleet due to my hobby. I am now a proud supporter of many local businesses due to my links to Wainfleet. While enjoying my hobby with many people from all around Ontario and New York most weekends, I spend money at local restaurants, hotels, stores and gas stations. I have even started to have my car and my wife's car serviced by a local mechanic. I have introduced many friends to Wainfleet due to my love of skydiving and Skydive Burnaby. I anticipate spending even more time and investing more in Wainfleet as I progress through the stages of skydiving. I wish to become an instructor which would see me employed in the area and spending even more time there. I am also considering purchasing a cottage in the area, so as to be closer to the sport I love. Skydivers may seem to be risk-takers, but the truth is skydiving is a highly regulated sport and we train for endless hours to minimize the risk that it obviously poses. These wind turbines pose a huge risk to our safety which is a risk we are not willing to take. I enjoy Wainfleet and the area very much, but I will choose to spend my time and money where I can safely participate in skydiving.

Please reconsider the placement of these wind turbines in order to keep a 55 year old business open and keep me and the world playing in your backyard.

Sincerely,

From: Tom Lewis
To: Denise Schmutz

Subject: FW: Wind Turbines - IMPORTANT

Date: Thursday, January 06, 2011 12:05:33 PM

Attachments: Please DO NOT put Wind Turbines B.doc

#### Tom Lewis

Manager, Planning & Environment IPC Energy

Office: 905.607.1016 Ext.227

Cell: 416.710.1982 Fax: 905.607.5995



#### Please consider the environment before printing this email.

**From:** Mike and Tara Pitt [mailto:pneumatic.sports@sympatico.ca]

**Sent:** January-06-11 10:57 AM

To: John Andrews; Tom Lewis; chuck miller; grant munday; Scott Luey; Loeffen Farms

**Subject:** Fw: Wind Turbines - IMPORTANT

---- Original Message -----

From:

To: ajeffs@wainfleet.ca; thessels@wainfleet.ca; bkonc@wainfleet.ca; rdykstra@wainfleet.ca;

dwyatt@wainfleet.ca ; hainesm@ndp.on.ca ; sluey@township.wainfleet.on.ca ;

planning@township.wainfleet.on.ca; gmunday@township.wainfleet.on.ca; Mike and Tara Pitt

**Sent:** Wednesday, January 05, 2011 8:27 PM **Subject:** Wind Turbines - IMPORTANT

# Please DO NOT put Wind Turbines in our Students' Playground.

I'm sure all of you would be opposed to Wind Turbines placed In the middle of your child's playground. Then why, I ask, are you proposing to place them in the middle of ours?

Skydive Burnaby is a very integral part of the Wainfleet community. They have

been fulfilling the dream of flight in our area for over 55 years. Each year Skydive Burnaby attracts as many as 6000 people to our small town. Any given weekend can yield as many as 300 first time jumpers along with their friends and family. As well, people and families from all parts of the world come to Wainfleet to attend National Skydiving Competitions, Large Formation Events, and Charity Fundraisers. All of these visitors leave our town happy and joyous with their dream of flight fulfilled. They take with them some of the most lasting memories of their lives: memories of our community, the small restaurants and hotels that served them, the breathtaking beautiful sandy beaches which they enjoyed, and the warm hospitality of the people and businesses of Wainfleet. They may even get a taste of our heritage as they pick up a tasty souvenir from our Marshville Chocolate Factory. Our little club attracts many wonderful people that support our community in so many ways.

Skydive Burnaby helps put Wainfleet on the map. Our members accept medals at international competitions around the world. They are frequently televised hosting National Competitions and setting both Canadian Records and World Records. They work with charitable organizations and fundraisers, and help fulfill the dream of flight for handicapped and disabled persons. Even one of our very own club members has changed what we believe to be humanly possible when jumping while still in his wheelchair. Skydive Burnaby helps define Wainfleet.

I moved to Wainfleet in 2002 because of Skydive Burnaby. I was drawn here by this amazing club, a club which will be placed in dire jeopardy should the Wind Turbines be built where it is presently proposed. I opened a business here and started my family in this lovely town because of Skydive Burnaby. My children aspire to be future Instructors and Coaches at the club.

Nobody knows the local winds better than the Instructors and Coaches at Skydive Burnaby. We constantly monitor these winds and rely on them to keep us safe. Every day of jumping we receive sophisticated wind reports from the FAI, calculated from complex and expensive weather stations. This data is coupled with years and years of experience to calculate the safest possible release location for our experienced and inexperienced jumpers alike. It goes without saying that this safety is critical in a sport such as skydiving.

Our experience tells us the proposed locations for the Wind Turbines west of our club will be disastrous! To do so would endanger our jumpers and most importantly our students. We strive for a 100% safety record, because no other number is acceptable. In the same way we know with 100% certainty the proposed location for the Wind Turbines will endanger our club members and Students lives.

The way I see it, the whole point of Wind Turbines is to create clean energy with little impact on the environment and the people of that environment. Contrary to that, the Wind Turbines at their proposed location will have a huge negative impact on Skydive Burnaby which in turn will have a negative impact on our township of Wainfleet.

In conclusion the Wind Turbines in Locations #4 & 5 must be STOPPED and RELOCATED!! As a Skydiver they are a Direct Danger to my Life as well as my way of Life. They are a direct Danger to the Students I coach, my Friends and Club Members. They are a Danger to Skydive Burnaby, its heritage, and the support it brings to our community. Please STOP & RELOCATE Wind Turbine locations #4 & 5 west of Skydive Burnaby. We at Skydive Burnaby would be happy to consult on any alternate locations that would allow the Club to continue operation in a safe manner for the members and tourists it brings to our town.

**Subject:** FW: Wind Turbine Locations #4 & #5

From: John Andrews

**Sent:** January 4, 2011 2:25 PM **To:** Mike and Tara Pitt; Ted Hessels

Cc: Tom Lewis

**Subject:** RE: Wind Turbine Locations #4 & #5

Mr. Pitt

My only comment to this is that I guess your word does not mean very much as you clearly indicated over a year ago that Station Road was sufficient.

Regards, John

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

**IPC Energy** 

**From:** Mike and Tara Pitt [mailto:pneumatic.sports@sympatico.ca]

**Sent:** January 4, 2011 2:19 PM **To:** John Andrews; Ted Hessels

Subject: Re: Wind Turbine Locations #4 & #5

Good Day Mr. Hessels and Mr. Andrews,

This email is in response to Mr. Andrews letter dated Monday January 3rd, 2011.

I am not sure what is classified as a meeting these days, however I do recall Mr. Lewis showing up at Skydive Burnaby one day well over 2 years ago and spoke in the parking lot about their plans for Industrial Wind Turbines in the Wainfleet area. VERY informal..... we said then and what we have continued to say today. We spoke of the importance of the Safety of our jumpers and concerns of the distance from our established business for over 55+ years. We mentioned that we have a 5 mile diameter of restricted airspace given by Transport Canada and NAV Canada, from ground level to 14000 feet. This circle is also seen on the VFR Navigation Chart (VNC) that also states we are CYA 513 (P) from surface to 14000ft.... an alert area for parachuting. As we are the **oldest dropzone** in all of **Canada** we are the only ones that have this designated circle.

We then went on to say that we would like to see the Turbines **NO** closer to us than that distance... minimum of 4kms of Dump Rd., (Station Road) West of us, as to not interfere with the Safety of our jumpers and jeopardize our business.

This information was also mentioned and shown again at the Public Meeting held on August 24th,2010 in Wainlfeet. As well a faxed comment sheet was provided to IPC Energy stating these facts.

Mr. Andrews, I would also like clarification on the dropzone SWOOP located in Waterdown that you make mention of and the comparison you seem to think is the same.

Swoop was originally located in Grand Bend and was required to find a new location for their volunteer operation. In 1998 the members of this club chose Dundas, while their location is not ideal (as in the case of Burnaby) it is the location that the Swoop Members chose to lease. Skydive Burnaby flies a turbine aircraft that holds 22 passengers every flight and we do about 13-18 flights a day along with our 4 passenger Cessna 182 compared to Swoop's 2 Cessna's. There's NO comparison between the two operations. What we accomplish in 2 turbine flights they do in 1 day. They run the dropzone as a club and we run Skydive Burnaby as a Corporation.

To compare a quarry with Industrial Wind Turbines... well with all due respect there is NO comparison quite frankly.

The quarry does not effect their flight paths, does not produce turbulence, is not located 400 feet in the air with rotating blades in their flight path in which they have to fly over, dealing with an emergency situation and having to land off course which happened this past season and one of our jumpers landed in that same field where Turbine # 4 and 5 are being proposed. I do not want to even consider what the alternative would of been adding a Turbine in the mix! So again there's NO comparison.

In conclusion this "issue" did not all of a sudden become one! It was mentioned from day one on numerous occasions to your IPC staff. As for an agreement as you mention, again with all due respect Sir there was no agreement made between Skydive Burnaby and IPC Energy. Please forward the signed and dated agreement that you have in your records that you have referenced. In my daily business experiences we have contracts that are dated and signed all the time and I would imagine when your dealing with a project of this magnitude of millions of dollars of tax payers money it would be done in the same respectful manner... just my opinion.

#### Regards

Tara Pitt

Owner of the Oldest Canadian Dropzone Skydive Burnaby

---- Original Message ----- From: John Andrews

To: Ted Hessels

Cc: pneumatic.sports@sympatico.ca
Sent: Monday, January 03, 2011 9:19 PM
Subject: RE: Wind Turbine Locations #4 & #5

Dear Mr. Hessels

These are all very interesting letters and I can certainly understand their concerns, however, Mike Pitts had a meeting with Tom Lewis and myself over a year ago wherein he agreed that moving the turbines to Station Road was not a problem for his club and that they would be well clear of them. We had agreed to try to keep them West of Station Road, however, due to set back restrictions we had to move them approximately 80metres East of Station Road. I fail to see how this puts his entire operation in jeopardy.

I have looked at other jump clubs such as the one West of Waterdown Ontario, where there is a huge quarry less than 300metres from the landing spot of their club. This quarry takes up at least 100 acres of property and is very deep and full of equipment. It is also up wind from the landing spot so chances are the jumpers are out of the plane well West of the quarry and the landing site. I haven't heard of any problems with this school which is at least as busy as Skydive Burnaby so I fail to understand why this has become an issue all of a sudden when we clearly reached an agreement over a year ago. What has changed?

Regards, John

John Andrews, President



Tel: 905-607-1016

Fax: 905-607-5995 IPC Energy

From: Ted Hessels [mailto:THessels@wainfleet.ca]

**Sent:** January 3, 2011 12:26 PM **To:** John Andrews; Tom Lewis

Subject: FW: Wind Turbine Locations #4 & #5

From:

**Sent:** Sun 02/01/2011 2:47 PM

To: Ted Hessels

**Subject:** Wind Turbine Locations #4 & #5

Dear Ted Hessels

I would like to voice my concern to the proposed wind turbine #4 & #5 locations in Wainfleet. I skydive at Skydive Burnaby every weekend, every year, which is located approximately 1800 meters to the east. The prevailing winds are such that on the majority of days we would be jumping out of the plane near or over the proposed wind turbine locations. The turbulence that they create could be life threatening to anyone who flew too close to them. If the proposed locations #4 & #5 were built, I don't know if a 50+ year old business would be able to safely continue to operate.

All that I ask is that you recognize Transport Canada's Standard AGA .40 obstacle clearance. I am only one of many that travels every weekend from afar to enjoy the hospitality of your lovely community, and I hope with your help, that I will be able to continue to do so.

Regards

From: Mike and Tara Pitt [pneumatic.sports@sympatico.ca]

**Sent:** December 31, 2010 3:36 PM

**To:** Terry Hawrysh; Tom Lewis; Geoff Bell; John Andrews

**Subject:** Fw: Please stop the turbines

---- Original Message ----- From: Mike and Tara Pitt

To: Scott Luey; chuck miller; grant munday Sent: Friday, December 31, 2010 2:49 PM Subject: Fw: Please stop the turbines

---- Original Message -----

From:

To: <a href="mainto:hainesm@ndp.on.ca">hainesm@ndp.on.ca</a>; <a href="mainto:mike@skydiveburnaby.com">mike@skydiveburnaby.com</a>

Sent: Thursday, December 30, 2010 9:56 AM

Subject: RE: Please stop the turbines

Dear authorities,

In this letter I would like to express and raise my concerns and worriers about the installation of Industrial Wind Turbines #4 and #5 in Wainfleet that critically affect Skydive Burnaby.

The installation of the Turbines will not only affect Skydive Burnaby, but local businesses that depend on serving skydiver community, people who visit Skydive Burnaby. It will affect

all infrastructure that was built around Skydive Burnaby for the last 55 years, it will affect Canadian skydiving its history and heritage, it will affect you and me, it will affect Canada.

First of all the installation of the Turbines will bring tremendous SAFETY HAZARD and DANGER not only for experiensed skydivers but for students and tandems, for large number of people who try skydiving for the first time. This might result in downsizing business at Skydive Burnaby. Experienced skydivers will seek other places and new people will not come. This will directly affect local business (food industry, farmers, gas stations, hardware and clothing stores, barber shops, local entertainment industry, etc) that serves and depends on skydiving community.

Skydive Burnaby is a Gem of skydiving not only in Ontario but on the country scale. Founded by Glen Masterson more that 55 years ago its accumulated invaluable experience, knowledge and instruction in skydiving. This experience is carried and passed to new skydivers. It is home to world class champions and competitors. It has facilities to hold Skydiving Canadian Nationals which it hold a few times just in recent years. I am myself on the way to develop new career to become tandem instructor and I know that Skydive Burnaby will assist me in any possible way. Installation of the Turbines could put an end to any of this.

Furthermore Skydive Burnaby is a special place. It is a HAPPY PLACE. It is a Canadian place. Being an immigrant to Canada (16 years) I always asked myself when I start feeling as a Canadian. It happened at Skydive Burnaby as I became a member of the skydiving community. It feels like to have a family. It is the THERAPY, it creates happiness. And we need more happy people around us, the more the better. This is nice vision for Canada - to be the happy place. It affects us on every level: local community, provincial, country, globally. That was what Glen Masterson lived for when he rented the land to the skydive club for \$1 per year. He would definitely raised a great concern about installation of the huge turbines close to the landing area. It is fatally dangerous and you do not want to put people you love in danger.

In conclusion I would like to ask you for your help. Please evaluate all pros and cons. All benefits that Skydive Burnaby brings into the community.

Please assist to find a safe location for the Turbines where it is safe for the people, for the environment where it does

not dramatically affect people around. I know it is possible and I trust your judgment.

Sincerelly,

From: Mike and Tara Pitt [pneumatic.sports@sympatico.ca]

**Sent:** December 31, 2010 3:35 PM

**To:** Tom Lewis; Geoff Bell; John Andrews; Terry Hawrysh

**Subject:** Fw: Wind turbines in Burnaby / Wainfleet

Importance: High

---- Original Message ----- From: Mike and Tara Pitt

**To:** grant munday; chuck miller; Scott Luey **Sent:** Friday. December 31, 2010 2:49 PM

Subject: Fw: Wind turbines in Burnaby / Wainfleet

---- Original Message -----

From:

To: ajeffs@wainfleet.ca; rdykstra@wainfleet.ca; thessels@wainfleet.ca; bkonc@wainfleet.ca; dwyatt@wainfleet.ca;

hainesm@ndp.ca

Cc: mike@skydiveburnaby.com

**Sent:** Thursday, December 30, 2010 9:45 AM **Subject:** Wind turbines in Burnaby / Wainfleet

Good morning Mayor Jeffs, Richard Dykstra, Ted Hessels, Betty Konc, David Wyatt and Mike Haines;

I am writing to you this morning on a matter that is of grave concern to me, my family and the safety of the Skydiving community at Skydive Burnaby.

It has come to our attention that wind turbines are to be placed within close proximity of the Dropzone (Skydive Burnaby Airport) that if allowed to proceed, would have a dramatic and adverse impact to the safety of Skydiving at this location. While I am a very strong supporter or renewable energy, as with most changes, there has to be a well thought out balance between the existing use of the lands and airspace and what is being proposed. I am not suggesting by any stretch of the imagination that these towers should not be installed. What I am saying is that they need to be moved to a location that would not impact our safety and safe enjoyment of a sport that has been at this location for over 50 years.

As with many sports, there are only limited facilities available to safely enjoy our passion. Like skiing or snowboarding, the locations are limited and so are the time of year the sport can be enjoyed. Most of us live outside of the hamlet of Burnaby. We travel from far and wide to enjoy the location, safety and camaraderie of Skydive Burnaby. When I say far and wide, I mean the likes of Windsor, Toronto, Barrie and so on for a typical weekend. Across Canada and the US – some even from Europe during competitions. Some weekends there are bus loads of people coming from corporations to experience the thrill of skydiving for the first time. Mike and Tara Pitt have done an exceptional job of balancing the business with the feel of a family environment. As this is not just a recreational activity, Skydiving is an internationally recognized sport. As with any sport, hours and hours of practice are required to be competitive on the world stage. All of this generates employment and revenues for the area.

There are many rules and regulations that we must abide by not only for the aircraft operations, but also of skydiving. Transport Canada has a myriad of rules that must be followed to the letter. One of these is the minimum clearance from obstacles "AGA 4.0 obstacle clearance". Due to the prevailing winds at Burnaby, 80+% of the time we exit above and would be passing directly above turbine #4 and #5 at an altitude of 400 to 100ft above ground level. The turbulence from the blades and the physical wind turbine itself causes a great risk.

Unfortunately this is a risk that we cannot accept or mitigate ourselves. We rely on you, the politicians to speak on our behalf and make the our voices heard. Recognize the benefits of both the Wind Turbines and of Skydiving in Burnaby

and move the location of the towers such that the two can coexist in harmony benefiting all.

I trust you will make the right decisions and recommendations.

Respectfully,

55 Brookdale Drive Ancaster ON L9G 2Y4 (905) 304-2104

PROUD Canadian Sport Parachuting Association member #19031, B-5170

From: Mike and Tara Pitt [pneumatic.sports@sympatico.ca] Sent: December 31, 2010 3:31 PM John Andrews; Terry Hawrysh; Tom Lewis; Geoff Bell To: Reconsider Thurbine locations # 4 & 5 Subject: Hello, I understand that you are considering plans to install > several windmills within 2 kilometres of Skydive Burnaby, and would > like to express my strong opposition to these plans. As you know, > Skydive Burnaby has been in operation at the Burnaby Road location > for over 50 years, providing local employment and boosting the local > economy by attracting many people to the area - not just skydivers, > but tandem passengers and their families. > As a skydiver, I spend most summer weekends at Burnaby, where I have > come to expect a safe environment. I am very concerned that my > safety, and that of the many prospective tandem passengers using > Skydive Burnaby, will be compromised by the proposed installation of > these windmills. Trying to navigate a parachute is not as easy as > flying an airplane, where you have the option of applying power to > fly up over obstacles. A parachute will always fly downwards, > toward the ground, so if a windmill is in the way, avoiding it would > not be a simple matter. The thought of trying to fly between > rotating blades is scary enough that I would have to seriously > consider moving to another dropzone. > > Even worse, students who are inexperienced are known to make > unpredictable and potentially fatal decisions under the stress of > flying a parachute, possibly for the first time ever. Even if the > blades are not rotating, students have been known to acquire "target > fixation" and fly directly at the object that they know they're > supposed to avoid. I hate to imagine the results if a student were > to collide with a windmill at 50-100 feet above the ground, but I > don't think this scenario would end well. Given the unfortunate > propensity of lawyers to sue everyone in sight after an accident, > I'm actually surprised that the owners of the land involved are > allowing these things so close to an established airport. One can > only assume that they are unaware of the potential risks that they > are taking. > > I urge you to consider carefully the full implications of these > windmills so close to our landing area. I understand society's need > for clean energy, and I imagine the power companies are paying well > for the right to install these windmills; I also am positive that > placing them so close to an established local business can only have > negative results in the long run. > Sincerely,

```
Mike and Tara Pitt [pneumatic.sports@sympatico.ca]
From:
Sent:
        December 31, 2010 3:33 PM
        Geoff Bell; John Andrews; Terry Hawrysh; Tom Lewis
To:
                Fw: Power Turbines and Local Businesses
Subject:
---- Original Message ----
From: "Mike and Tara Pitt" <pneumatic.sports@sympatico.ca>
To: "Scott Luey" <sluey@township.wainfleet.on.ca>; "chuck miller"
<planning@township.wainfleet.on.ca>; "grant munday"
<gmunday@township.wainfleet.on.ca>
Sent: Friday, December 31, 2010 2:53 PM
Subject: Fw: Power Turbines and Local Businesses
> ---- Original Message -----
> To: <-ajeffs@wainfleet.ca>; <rdykstra@wainfleet.ca>;
> <rdykstra@wainfleet.ca>; <bkonc@wainfleet.ca>; <dwyatt@wainfleet.ca>;
> <hainesm@ndp.on.ca>
> Cc: <mike@skydiveburnaby.com>
> Sent: Thursday, December 30, 2010 12:29 PM
> Subject: Power Turbines and Local Businesses
>> Ladies and Gentlemen,
>> 5 years ago, I was introduced to, and ventured into a new sport,
>> skydiving. I initially began my involvement with the sport at Niagara
>> Skydive in Dunnville, however, due to issues with management, the
>> following year I found myself asking the instructors at Skydive Burnaby
>> in Wainfleet to assist me in continuing my skydiving training. What I
>> found at my now home dropzone (DZ), was an environment that was warm,
>> welcoming, and very family orientated.
                                            Although I do not reside in
>> Wainfleet, I feel very connected to the community because of my adopted
>> skydive family at the DZ.
>>
>> I am more and more finding myself in favor living green and supporting
>> the environment and mother earth, and I can say that I am in favor of new
>> and green forms of energy, as I feel that Nuclear energy (although clean
>> at the moment energy is produced, results in spent radioactive uranium
>> fuel rods that will contaminate the earth for 1000's of years) is not an
>> earth safe or friendly method of producing energy. I do believe that
>> harnessing wind power through the use of wind turbines is a great way to
>> produce energy and I do support their implementation. However....
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>>

>> Council is currently entertaining recommendations to install 2 wind >> turbines, 1 at 1800 meters and 1 at 1700 meters west of the DZ located on >> Burnaby Road. These would be turbines located in zone 4 and zone 5. >> know that the predominant winds in the area are generally from the west. >> As a practice in skydiving, jump run (final flight direction and travel >> of aircraft for safe exit of skydivers) is always into the windline, and >> our exit point is always upwind of the DZ (landing area), and must remain >> this way for the safety of the people skydiving and to ensure that we >> have the best chances of returning to the DZ. Now I for one can attest >> that things do not always work out as planned. Far out exit points, wind >> direction changes at different altitudes, and lower openings (sometimes >> due to malfunctions) do not always allow a skydiver to make it back to >> the DZ which results in "landing off", usually in a farm field, and since >> winds are predominantly from the west, those who do need to "land off" >> will be landing to the west of the DZ, possibly in zone 4 or zone 5. >> This has happened to me several times. I would not want to see the end >> result of a skydiver, me or someone else, recovering from a parachute >> emergency, and landing off to the west , flying into or being struck by >> the rotating blades of a wind turbine.

>>

>> Placement of wind turbines in zone 4 and zone 5 will create a violation >> of Transport Canada's Standard AGA 4.0 - Obstacle Clearance and would >> create a very dangerous hazard for aircraft in the area. A skydiver >> under an inflated and functioning parachute is considered an aircraft, >> and to my understanding, is subject to follow FAA and Transport Canada >> regulations. As the placement of the turbines in the above mentioned >> zones would create conditions that cause violations of Transport Canada's >> Standard AGA 4.0, skydiving activities in Wainfleet would have to cease. >> This would result in a loss of a 55+ year old company, founded and >> operated in Wainfleet, that attracts 1000's to the area each year. >> would result in a loss of revenue for the town of Wainfleet and Port >> Colbourne. It would also result in a loss of a community based "family", >> created by the dropzone, which I am happily a part of, and with some >> members coming on weekends from as far as Sudbury. Many people who live >> and work in the community who skydive would find themselves moving, >> relocating, and finding work outside of the Wainfleet region, as many >> people and families who skydive together are in Wainfleet because of the >> dropzone.

>>

>> I do support the wind turbines, but not the locations, and I am asking
>> you all to please reconsider the wind turbine placement for zone 4 and
>> zone 5. Several more km`s west, even a safety zone of 4km around the
>> aerodrome would eliminate the risk to skydivers and the threat to one of
>> Ontario`s leading and best skydiving facilities, which as stated, brings
>> people to the area from all over Ontario, and the northers US. The

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>> Mayor and town council have a decision to make. Do they support the
>> pockets of shareholders of the power companies and wind turbine
>> manufactures, or do they support the local businesses, the people of, and
>> those who come to the community for recreation and living. Please don`t
>> destroy something that I, and countless other people have come to love
>> and enjoy in Wainfleet.
>>
```

>>



January 5, 2011

Mayor April Jeffs
Town of Wainfleet

Dear Ms. Jeffs:

Thank you for attempting to facilitate a solution to this perceived problem by Mr. Pitt. Although we strongly disagree with his claim and are concerned that his reasons are more emotional than rational, our clients, the Loeffens have to live in this community with Mr. Pitt and therefore there needs to be an attempt to resolve this problem amicably between the parties.

We would like to arrange a meeting with Mr. Pitt as soon as possible in order to resolve his concerns over the installation of two wind turbines near Station Road. After a lengthy discussion with our clients, the Loeffens, we think that we may have a solution that we can all live with. The meeting should take place either Friday this week or early next week as Mr. Pitt has introduced a problem into this dispute that our clients do not need to deal. He has called a meeting to bring in Wind Concerns Ontario.

As you are aware, there have been no other complaints regarding this wind farm in the community. The Loeffens are long time residents of Wainfleet and are simply using their own land to diversify their operations. Bringing in this outside special interest group, who are well known for spreading fear mongering and unscientific rhetoric, will only create issues that are not necessary and have no bearing on this project or the community. If we can resolve this issue and cancel this meeting then it should be possible to mend the relationship between the Loeffens and Mr. Pitt. If the meeting is to go ahead, however, then we can only advise the Loeffens to continue with the project as planned. The project will follow the requirements of NAV Canada and Transport Canada and will meet all other permitting requirements, which means that it will get built as planned.

We want to avoid unpleasant confrontation in the community of Wainfleet and move on. Please let me know when this meeting can take place.

Yours truly,

John Andrews, President

cc. Mike Pitt

Subject: FW: January 15th Meeting - Presentation Request Response

From: John Laforet [mailto:john.laforet@laforet.ca]

Sent: January 6, 2011 12:14 PM

**To:** John Andrews **Cc:** Mike and Tara Pitt

Subject: January 15th Meeting - Presentation Request Response

Dear John,

Thank you for your correspondence regarding our January 15th meeting. After consideration, we've decided to decline your request to make a presentation for a number of reasons. Your previous commentary in emails sent to Wind Concerns Ontario, Mayor Jeffs and a resident in Binbrook demonstrate you're not interested in hearing the other side of the argument or in facilitating a dialogue based on facts and instead you appear to make a business practice of hiding behind smears, name calling and empty, unscientific rhetoric.

Further, you are required to hold two meetings of your own under the REA process and IPC Energy consultations lack proper presentations or open questions the entire room can hear, how these can be considered public meetings or to be presenting both sides in a clear and factual manner is beyond me. One can hardly make it a business practice of running unfair meetings, not addressing community concerns, instructing their employees to do nothing more than the minimum required per the REA as it relates to citizen inquiries, lash out and name call at opponents of industrial wind projects that aren't wanted by host communities and some how expect to be given a microphone at a meeting necessitated by the failings of IPC Energy and others to do a reasonable job in the first place. Hiding behind a woefully inadequate Green Energy Act is hardly an excuse either. The Green Energy Act doesn't require you to do such a poor job, you choose to.

If you'd like to hold a joint meeting, I'd suggest you come up with some alternative dates of your own and we can discuss it, but you will not be invited to or allowed to take ours over, as we know your industry's brand of public consultation fails to even allow a single resident voice to be heard by the entire room, and don't amount to anything more than a badly executed PR exercise on your part. What might make even more sense is for you to hold an open and honest public consultation that has a central presentation, real experts and an opportunity for audience questions.

If you have any other questions about the January 15th meeting, please feel free to contact me directly.

Sincerely,

John Laforet

President
Wind Concerns Ontario
http://windconcernsontario.org

#### **Township of Wainfleet**

19M43 Highway 3 P.O. Box 40 Wainfleet, ON LOS 1V0 Honorable Mayor April Jeffs ajeffs@wainfleet.ca

Dear:

Ms. Jeffs

I would like to express my concerns with the location of the windmills near the Port Colborne airport (CPE5).

My main concern with the windmills is the hazard the danger that they represent to both skydivers and pilots at Skydive Burnaby.

I am a pilot at Skydive Burnaby as well as a beginning skydiver. I am very aware of the potential risks associated with having windmills so close the drop zone. At times, and for various reasons, skydivers can land off of the drop zone. Landing off of the drop zone can be a potentially stressful situation for a skydiver who is unfamiliar with the area, and having to worry about getting caught in the blades or superstructure of the windmills will only add to the skydiver's stress and could cause an accident or even death.

The windmills also pose a threat to the aircraft that use the airstrip at Skydive Burnaby. In the event of an engine malfunction, the windmills limit places to safely land if a pilot was unable to get back to the airport. As a jump pilot at the facility, I am responsible for the safety of each skydiver while they are onboard my aircraft, and I cannot legally allow anyone to leave the aircraft unless it is safe to do so. Having windmills directly below in the area we fly over most of the time will not be an exception.

This brings my second and last concern. If the windmills are erected, I fear for the future of Skydive Burnaby, the livelihood of its owners Mike and Tara Pitt, a flying job that I enjoy dearly, and a home for most of our out of town skydivers. I hope you can see my concerns about the affects that these windmills will bring to Skydive Burnaby.

Sincerely

Jan 10 2011.webarchive 5/5/11 3:33 PM

From: John Andrews

**Sent:** January 10, 2011 9:26 AM

To:

**Subject:** RE: Attention: John Andrews

Dear

Thank you for your comments. It's nice to know that there are people out there that are informed.

Regards, John

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

IPC Energy

From:

**Sent:** January 9, 2011 2:33 PM

**To:** CustomerService

Subject: Attention: John Andrews

Re: Who's really creating the turbulence? St. Catharines Standard January 8, 2011

Mr. Andrews, no doubt, you realize what you are dealing with here are NIMBYs. They don't work with facts. Their modus operandi is to a) misinform (turbines create turbulence), b) fear monger (hazard to our jumpers), 3) get the local media to hear only their 'we are the victims' side of things. Hopefully your letter will spark factual, both sides of the argument reporting.

Something else you may want to look into: Is it only the skydive club involved here; or, are there residents in the neighbourhood the original instigators that approached the club to bolster their cause – another ploy used by small groups attempting to puff themselves up bigger than they are.

Good luck!

Sincerely,



January 7, 2011

#### Township of Wainfleet

#### Presentation to Council January 11, 2011

IPC Energy is providing the following information to the Mayor and Councilors of Wainfleet which represents the material that will be presented to Council on January 11, 2011:

- 1. Presentation Notes.
- 2. Wind Direction
- 3. Graphic Representation of typical Parachute drop.
- 4. Parachute Information Manual

Yours truly,

John Andrews, President

#### January 11, 2011 Presentation to Township of Wainfleet Council

There has been a lot of concern raised by Mike Pitt, owner of Skydive Burnaby regarding the safety issues of the proximity of turbines #4 and #5 of the Wainfleet Wind Farm project proposal. The owners of Wainfleet Wind Energy Inc., Harold, John and Bill Loeffen, want to assure council and the citizens of Wainfleet that they take seriously any and all concerns raised regarding the development of their wind project.

IPC Energy, as the developer of this project for Wainfleet Wind Energy Inc., wants to assure the Council and citizens of Wainfleet that we are developing this project, meeting or exceeding all regulations required.

When this project was at the very early stages over one year ago, Tom Lewis and I met with Mr. Pitt to make him aware of what we were planning and to determine if there were any issues. At that time we had planned for one or two turbines between Station Road and Skydive Burnaby in addition to two just west of Station Road. Mr. Pitt expressed his concern regarding the turbines east of Station Road but indicated that anything west of Station Road was fine. As a result of this discussion, we moved the two turbines of concern to a new location north of Concession 1 Road and West of Sideroad 20. The remaining turbines adjacent to Station Road are still 1.7 km from the drop zone of Skydive Burnaby.

Mr. Pitt has been on a campaign to stop the construction of turbine #4 and #5 even though they are well clear of his drop zone. In all of the rhetoric that has been poured down on council members and the public through the press, there has never been any factual evidence presented to support his claims. If we were In violation of any Transport Canada or NAV Canada guidelines, I suspect that Mr. Pitt would have had those agencies present us with a cease and desist order. This has not happened, in fact, we have applied to these agencies as part of our project requirements and have had no negative feedback to date from either agency.

IPC has investigated the requirements for the Canadian Sport Parachuting Association for proper drop zone clearance. This information is found on page 8 of their manual as follows:

#### [3.1 DROP ZONE CLEARANCES

Areas used for regular parachuting operations shall be unobstructed, with the following minimum distances from the target in every direction to the nearest hazard:

- Studen, Solo, A & B CoP holders 325 ft. (100m)
- C and D CoP holders 80 ft (25m)

#### Hazards are defined as:

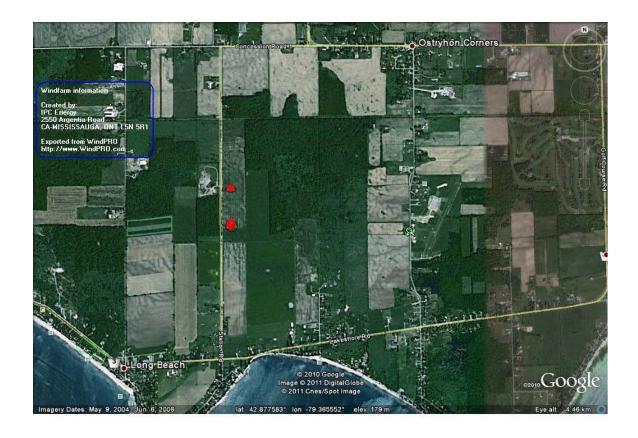
- Transmission lines
- Open bodies of water
- Fences, over 2.5 metres in height
- Towers buildings, goalposts and lamp standards
- Well traveled roadways
- Trees, above canopy height and large forested areas]

I have also provided a sample flight path representation in graphic format showing the path of a jumper who deploys their chute at 3,000 feet (the recommended height from the manual). If the jumper were to pass directly over the turbine they would be approximately 2,400 ft above the tip of the blade. The other document attached is a wind rose produced from the test tower at the project location showing that during the months of May to October inclusive, the flight path of jumpers would only cross the path of the turbines less than 15% of the time. While passing the turbine, of course, they would be at least 2,400 feet above the top of the turbine. In order to have the parachutist's path actually intersect with the turbine's blade from 3,000 feet, the average wind speed during descent would have to be 214 kph (a category 4 hurricane wind speed). IPC does not recommend jumping out of an airplane at this speed. Given these facts, we fail to see how these turbines interfere with the operation or Skydive Burnaby.

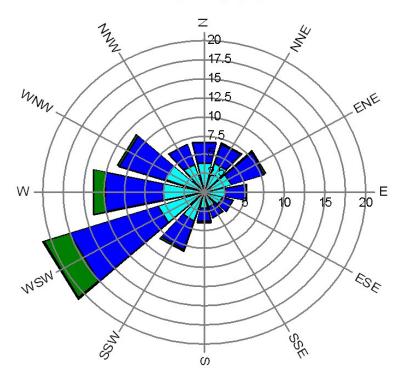
If Mr. Pitt is observing the rules in this manual, then there should be absolutely no problem operating his jump school safely with these turbines at 1.7 km from his landing zone.

It appears that since Mr. Pitt does not have a legitimate case for opposing this project, that he is now going to do whatever he can to cause problems for the project, including soliciting the help of Wind Concerns Ontario, a small but vocal organization that comes into any community where a wind project is proposed and attempts to scare the local council into passing a moratorium on wind turbine projects. Their claims are often unsubstantiated anecdotal stories of health issues and noise problems. Here in Ontario, wind projects have the greatest sound restrictions at 40 dB and the largest setbacks at 550m in North America, if not most of the world.

My hope is that council will consider these issues with logic and reason rather than unfounded fear.

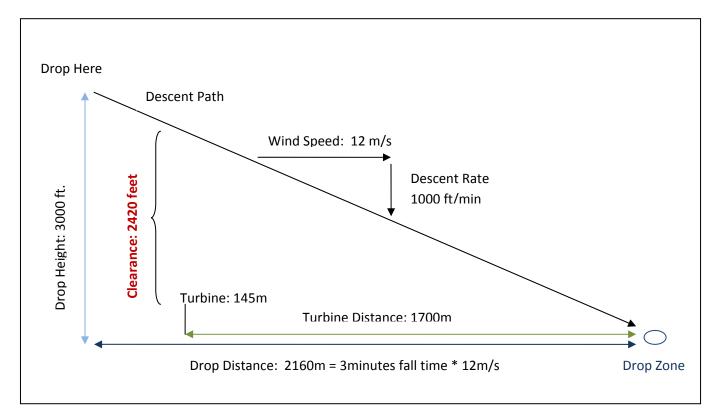


### Frequency (%)





## A Discussion Regarding the Effects of Locating Wind Turbines 1700m from a Parachute Drop Zone



#### Descent Path for a Typical Drop from 3000 feet Up-wind of the Drop Zone

In the above figure, we can see that for a drop from 3000 feet, with a 12 m/s average wind speed during the descent (which converts to 27mph, conservatively high for the 14 mph maximum surface wind speed allowed for students), a drop would have to be made 2160 upwind of the drop zone. This would put the parachutist **2420 feet** above the upper reach of the turbines blades along the descent path. So clearly collision with the turbines blades is not a concern.

In order to have the parachutist's path actually intersect the turbines blades from a 3000 foot drop however, the average wind speed during descent would have to be 59.6 m/s, or **133 mph ( a Category 4 hurricane wind speed)**, and this drop would have to be made approximately 10 km upwind.

From:

**Sent:** January 11, 2011 3:30 PM

**To:** John Andrews; ajeffs@wainfleet.ca; thessels@wainfleet.ca; bkonc@wainfleet.ca;

rdykstra@wainfleet.ca; dwyatt@wainfleet.ca; hainesm@ndp.on.ca; sluey@township.wainfleet.on.ca; planning@township.wainfleet.on.ca;

gmunday@township.wainfleet.on.ca; Mike and Tara Pitt; Tom Lewis; Loeffen

Farms; Geoff Bell; Terry Hawrysh

**Subject:** RE: Wind Turbines - REAL DANGER!!!

Jan 11, 2011

Dear Mr. Andrews

Allow me to share with you a story that may reflect some light on this present situation. The summer of 2009 I was under major construction on my lake house. The construction consisted of foundation work as well as an addition. A full year prior in 2008 all plans were approved, signed, and stamped by the designer, the engineer, the township, the building inspector, and even the conservation authority. On paper everything was approved as we were in the middle of construction. Suddenly there was a discovery made by my contractor. It became immediately apparent to the contractor that we were in danger of a complete collapse should he continue to follow the plan. Luckily for me and the crew, the oversight was picked up by those working on site and in the field. The plan was altered, reapproved and my house is now more structurally sound than ever before! During my heartfelt thank you to my contractor for his expertise and ability to catch this horrific oversight. He responded with "Your welcome, it was my pleasure. This happens allot more than you would realize"

This current situation has much the same theme. You, your company, and the governing bodies are much like my designer, engineer and building inspector. You cannot see the inherent danger. We the Skydivers of Burnaby are like the contractor and labourers working in the field. The dangers are VERY apparent to us.

So yes Mr. Andrews I will certainly fulfill your request for further proof. As mentioned in my previous letter I will make sure, in conjunction with the Pitt family you do receive the scientific proof you need.

Meanwhile, during the time this scientific proof and data is being collected, I expect that you will take the appropriate actions to hold or suspend the construction of wind turbines #4 and #5 since so many lives are at risk!

Thank you in giving me this opportunity to prove to you and others of the governing bodies that beyond any

reasonable doubt the turbines #4 and #5 will in-danger my life as well as the lives of my fellow skydivers, and our students.

Yours Truly

Subject: RE: Wind Turbines - REAL DANGER!!! Date: Tue, 11 Jan 2011 09:14:04 -0500

From: john@ipcenergy.ca

To: newclearsports@hotmail.com; ajeffs@wainfleet.ca; thessels@wainfleet.ca; bkonc@wainfleet.ca; rdykstra@wainfleet.ca; dwyatt@wainfleet.ca; hainesm@ndp.on.ca; sluey@township.wainfleet.on.ca; planning@township.wainfleet.on.ca; gmunday@township.wainfleet.on.ca; pneumatic.sports@sympatico.ca

CC: Tom@ipcenergy.ca; loeffenfarms@sympatico.ca; geoff@ipcenergy.ca; terry@ipcenergy.ca

#### Dear

Thank you for your passionate patronizing letter. Let me first say that we have a better understanding of wind conditions at this location then you will ever understand. We have been studying the wind with three met towers and many scientific instruments to determine the conditions at this site as our turbines require precise data in order to program and function properly.

Secondly, I accept nobodies statements as fact without supporting science to back them up. I have heard a number of passionate pleas from you and your other members of this club but I have not to date seen any science to back it up. Do you really know how often these turbines are in your flight path with measured accuracy? Do you know what the actual turbulence is from these turbines and how it is distributed? Have you done any real investigation into the effects and proximity of wind turbines to your jump site?

I think the answer to all of these is no as all I have heard is conjecture and your patronizing tone as a self appointed expert in wind conditions. Do the work and present your case.

As for Mr. Pitt, we have invited him to meet with us and the mayor of Wainfleet in order to resolve this issue, however, to date, he has failed to respond. We simply get another bunch of emails from jumpers who have even less of an understanding of hemispheric condition than you. Mr. Lewis and I met with Mr. Pitt over a year ago to let him know of our plans and received a verbal approval from him on the sighting of these turbines after we removed one turbine that was even closer to the drop zone. The removal of this turbine cost our clients hundreds of thousands of dollars, however, it was done to accommodate the safety of the jump club. Now Mr. Pitt has

changed his tune and has apparently pulled you into this non-issue.

Please do not insult us further by making claims that are not backed by facts and evidence. If you want this resolved then convince Mr. Pitt to have the courage to sit across the table from us and a representative of Wainfleet council to discuss it like adults.

Yours truly,

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

**IPC Energy** 

From:

**Sent:** January 10, 2011 10:45 PM

**To:** John Andrews; <u>ajeffs@wainfleet.ca</u>; <u>thessels@wainfleet.ca</u>; <u>bkonc@wainfleet.ca</u>; <u>rdykstra@wainfleet.ca</u>; <u>dwyatt@wainfleet.ca</u>; <u>hainesm@ndp.on.ca</u>; <u>sluey@township.wainfleet.on.ca</u>; <u>planning@township.wainfleet.on.ca</u>;

gmunday@township.wainfleet.on.ca; Mike and Tara Pitt

Subject: RE: Wind Turbines - REAL DANGER!!!

Dear Mr. Andrews January 10, 2011

I am very sorry. It seems we have started off on the wrong foot here. Your letter comes across defensive. My letter was only meant for you and others to fully understand the very real safety concerns of these Industrial Wind Turbines to be installed in their present proposed locations.

It saddens me that you cannot see, nor understand, nor fully realize the dangers to human lives these turbines will cause. It frustrates me that you doubt the validity of my statements. You mentioned that you have skydived before. This is wonderful. During your training did you believe yourself to know better than your instructor? Did you question his/her measures to keep you safe? Please remember as you write these statements that you, as I understand, have one skydive and I myself have over 1600 and 12 years in this sport. It seems most illogical that you would challenge me on these statements.

In the interest of being fair I encourage you to allow me, along with other non-biased, expert skydivers the opportunity to enlighten you on these dangers. I believe it is in your best interest to fully understand these risks and the possible consequences to you and your company. The turbines will be in our "flight path" as we are not powered aircraft and rely on the wind currents to carry us back to our target. To fly around, above, or below the spinning blades will put us in much danger for obvious reasons. The turbines will undoubtedly cause erratic wind turbulence that will affect our parachute performance and control. This could possibly lead to a loss of control or collapse. As someone who works with wind, you will understand that any tall object placed upwind of our landing area will cause turbulence. It will also affect decision-making upon our descent as we will fear getting caught up in the spinning blades. These frightened reactions, especially of our students, could easily cause them to turn away in fear and land in very undesirable conditions, such as in the middle of the forest or the nearby lake. It could lead to drowning. It could cause them to turn too low to the ground which is the primary reason for skydiving fatalities. It would also add to the number of off drop zone landings, increasing your concerns of damage to neighbouring properties and crops. Not to

mention the horror I personally imagine should I come out of the bottom of a low level cloud that has reduced my visibility, to then realize I am heading into spinning blades, or just as I am flying past these monstrous machines there is a sudden wind shift that pushes me into them. As I am sure you are aware, wind and Mother Nature are not constant, they are ever-changing. These dangers are very real; more real than you are capable of understanding at this time.

Of course now that your lack of knowledge in this matter has been brought to my attention I will be sure to focus my efforts in helping you along with all governing bodies to fully realize this very real danger. I will make it my mission that everyone becomes educated in these safety hazards and how exactly they will endanger human lives.

I am not your enemy, I am your friend. I greatly admire what you and your company represent. The world needs clean energy. I commend you for being on top of this dream. We are not all that different. You want to fill the world with clean, pure energy by use of wind; we want to give the world fulfilled dreams to fly freely and safely within that same wind. We should not look at this situation as a reason to fight; we should look at it as a reason to better understand one another. This new clean energy is in its adolescent phase and will continue to grow. You as the president need to take a much closer look at this situation as it will most certainly arise again in the future.

To put this another way, you must first accept that the information you are receiving is the truth, for if it were not, all of us would not be resisting with such passion. Our lives are important to us! Second, you must make a decision based on that truth. The truth being IPC energy will endanger people's lives if you move forward in the building of Wind Turbines #4 and #5. Third, you must take action to come to a resolution that is mutually acceptable to all and that accounts for the sanctity of human life. For instance, maybe it is possible that the wind turbines could be shut down (brakes applied) whenever there are parachutes in the air. Perhaps a "panic" button could be given to Skydive Burnaby to be able to control a sudden shut down of the turbines when a human life is in danger.

These are all things for you to ponder. Also as you ponder these things, you should also consider the repercussions should such a horrific accident take place. You should consider the life that will be lost, the family and friends' heartache due to that loss of life and the negative publicity associated with such an accident. You should consider the plentiful signed and witnessed documentation that you will receive and continue to receive right up until and even after the day these machines are to be erected. How this will open the door to the possibility of so many negligence and personal injury lawsuits. Just think about these things! Really think about it. Remember Skydive Burnaby puts as many as 300 students in the air on a given weekend. We are not going to relocate. I can promise you that Mr. Andrews. We have been here for 55 years and will be here for another 100 more. Skydiving is not dying out, we are not going anywhere. It is growing, day after day, year after year. Look at the sheer numbers on You Tube, Facebook, Twitter, Dropzone.com and so many other social sites.

Even if you choose to see the risk as very minimal and the chances low that there will be an incident (which it is not). The sheer volume that Skydive Burnaby creates will most certainly bring forth such an incident. The only question that is unsure is when and how badly that person will be hurt. All of us at Skydive Burnaby know this truth and will do everything in our power to protect our members, friends, and students. As your friend it is important that you know this too.

Please Mr. Andrews work with us on this for your benefit and ours. I will continue to forward you much documentation regarding these very real safety hazards in the days and weeks to follow. Let's come up with a resolution. I myself, along with many of the other club members and owners of Skydive Burnaby, I'm sure would be happy to meet with you on this. We could go over these dangers so you may understand them fully. I cannot stop emphasizing to you how real these dangers are.

Please feel free to forward our letters / exchanges to all involved such as Land owners, governing bodies, government officials, and other members of your corporation. I will be sure to do the same in return.
Sincerely yours
PS. Please note my credentials below. It seems the vertical column spacing may have been altered when forwarding through email. I am the owner of New Clear Automotive a local Wainfleet business, not CSPA as you may have thought.
Owner / Operator
New Clear Automotive
41995, Hwy #3, Wainfleet
Ontario, LOS 1V0
(905) 899-8900
Canadian Sport Parachute Association
Member #8317
Club#467
Ratings B4314, Coach 1

Subject: Wind Turbines

Date: Thu, 6 Jan 2011 13:36:36 -0500

From: john@ipcenergy.ca

To:

CC: ajeffs@wainfleet.ca; THessels@wainfleet.ca; bkonc@wainfleet.ca; rdykstra@wainfleet.ca; dwyatt@wainfleet.ca;

hainesm@ndp.on.ca; sluey@township.wainfleet.on.ca; planning@township.wainfleet.on.ca;

gmunday@township.wainfleet.on.ca; pneumatic.sports@sympatico.ca

Dear

Thank you for the very heart felt letter regarding Skydive Burnaby. If you are in fact the owner of the Canadian Sport Parachute Association then I am quite shocked at your concern over the wind turbine installation. I have read the

manual posted on the association web site that very clearly states the required drop zone clearance area requirements of 100m. If you are following your own rules then any object even as tall as a turbine, that is 1.7 kilometres from your drop zone. How is it that your students could be so far off.

Surely you must be concerned about the 27.6 kV lines that run within a 100m or so from the drop zone.

Please don't tell me it is the new students who could be so inaccurate in their drop because I have jumped myself many years ago and I know personally that novice jumpers are kept under very tight controls to be sure they land on the jump zone. I suspect it is the more advanced jumpers who veer off the beaten path and take greater risks. Being experienced, however, they have much greater control and can easily avoid any dangers especially ones that are 1.7km from their target.

The "Playground" is an interesting comment as well. What do you consider your playground. Is it a 1km radius from the drop zone, 2km or is it all of Wainfleet. This raises another question as to compensation for the surrounding land owners. I have heard complaints from people living within a few hundred metres of your club regarding landings on their property without permission. Others have said that you land in their fields dragging your chutes behind and destroying crops. Do you compensate them for their losses or is this just part of your "playground".

Please! Read your own handbook and stay in your drop zone and we can all get along as good neighbours.

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

IPC Energy

From: Mike and Tara Pitt [pneumatic.sports@sympatico.ca]

**Sent:** January 11, 2011 11:18 AM

To: John Andrews

**Cc:** Loeffen Farms; April Jeffs

Subject: Re: Industrial Wind Turbines and their impact on the business of Skydive Burnaby

Dear Mr. Andrews,

We will be available to meet with you the Mayor and the Loeffen's anytime next week. You mentioned earlier, before the 15th... however we don't have the time to comply with that request unfortunately. So please get back to us when a time and place has been arranged. Sorry we haven't been in contact sooner about this matter.

Regards Mike & Tara Pitt Skydive Burnaby 905-899-1528

---- Original Message -----

From: John Andrews
To: Mike and Tara Pitt

Sent: Tuesday, January 11, 2011 10:37 AM

Subject: RE: Industrial Wind Turbines and their impact on the business of Skydive Burnaby

Hi Mike

This is really getting stupid! We could have sat down and discussed this like gentlemen with the mayor, however, you don't seem to be interested in discussion. What is it you really want?

You have never presented a reasonable case to us as to why this is a real issue. This is not productive and in the end if you are not successful in your attempts, what will you do? You have put your own business in jeopardy by scaring the heck out of your jumpers. How will you ever get them back if things go ahead as planned. You know we are in our rights to do this so why not sit down like adults and get this resolved.

Regards, John

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

**IPC Energy** 

From: Mike and Tara Pitt <a href="mailto:pneumatic.sports@sympatico.ca">[mailto:pneumatic.sports@sympatico.ca]</a>

**Sent:** January 11, 2011 10:12 AM

To: allenma1@parl.qc.ca; Loeffen Farms; John Andrews; Tom Lewis

Subject: Fw: Industrial Wind Turbines and their impact on the business of Skydive Burnaby

---- Original Message -----

From:

To: hainesm@ndp.on.ca

Cc: tara@skydiveburnaby.com; mike@skydiveburnaby.com

Sent: Tuesday, January 11, 2011 9:10 AM

Subject: Industrial Wind Turbines and their impact on the business of Skydive Burnaby

Dear Mr. Haines,

I write to you on behalf of my family on the matter of proposed IPC Energy wind turbines #4 and #5 on the Loeffens property in Wainfleet, ON.

In their proposed location, these particular turbines pose a grave danger to the jumpers of Skydive Burnaby. Due to the predominant wind conditions in this area, these towers will introduce a dangerous obstacle to parachuting activities at the airport. The turbulence that they create will interfere with a safe approach to the landing area. Radio interference from these turbines might diminish our student's ability to understand flight commands from the ground, and in certain emergency situations the risk of striking these towers or their giant blades poses a critical danger to each and every one of us.

Skydive Burnaby is a thriving business built by Mike and Tara Pitt, who grew up in this area and have invested in the community of Wainfleet for over ten years. The site on which this parachuting centre is located has been a home to skydivers for more than 55 years. Skydive Burnaby is a world class facility which regularly hosts events of a grand scale, including Canadian National Skydiving Competitions, Canadian Records in our varying disciplines and many charity events. This facility is home to representatives of Team Canada who not only train but also coach up and coming competitors. It is a professional facility where people from all over Ontario and New York State are introduced to this extraordinary sport by means of our tandem skydiving program. It is home to skydivers from all over this province who regularly attend from the beginning of spring through the end of autumn to skydive. It is patrons from all of these streams who fuel our local economy by eating in our restaurants, staying in our motels and purchasing fuel and goods from our local businesses. Should these proposed turbines be erected in these locations, this thriving business could be forced to close, and the ripple effect on this community could be devastating.

I know Mike and Tara Pitt have been working tirelessly in an effort to make these concerns clear to all parties involved so please let me tell you a bit about my family and how this all directly impacts us.

I grew up nearby in Burlington, and began skydiving in 1998. I have approximately 1500 skydives and hold 3 Canadian women's formation skydiving records. My husband, Andrew, also began jumping in 1998. He grew up in Toronto, has approximately 2500 skydives, and represented Canada at the World Parachuting Championships in 2003. We

both hold coach and instructor ratings and are employed at Skydive Burnaby. In 2007 we uprooted our young family and invested in our first home in nearby Port Colborne. Our household income is well above the regional average and we now bring our tax dollars along with our monthly living expenses and disposable income to the region. Our sole reason for moving to the Niagara Region was to be close to Skydive Burnaby where we continue to enjoy all it has to offer as we contribute our services to Mike and Tara's business. We are not the only family from another part of the province to do so. Closure of this exceptional skydiving facility would be devastating to us!

We urge you to carefully consider the impact that approving these particular turbine sites will have on our family, our community of skydivers and the community of Wainfleet. We are all for green energy, however this should not come at the cost of our safety or our livelihoods.

Please say NO to these proposed sites! Sincerely,

## **Britney Pringle**

From: John Andrews [john@ipcenergy.ca]
Sent: Thursday, January 27, 2011 9:20 AM

To: Sean Anderson

Cc: AJeffs@wainfleet.ca; hainesm@ndp.on.ca; thessels@wainfleet.ca; bkonc@wainfleet.ca;

rdykstra@wainfleet.ca; dwyatt@wainfleet.ca; allenma1@parl.gc.ca; Loeffen Farms; Tom

Lewis; Britney Pringle

Subject: RE: Industrial Wind Turbines

Follow Up Flag: Follow up Flag Status: Flagged

Thank you for your comments. We will once again include these in our Renewable Energy Approval documents and our environmental consultants will respond to your concerns as soon as possible.

Regards, John

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

**IPC Energy** 

**From:** Sean Anderson [mailto:sean.anderson@cspa.ca]

Sent: January 27, 2011 12:46 AM

To: John Andrews

**Cc:** AJeffs@wainfleet.ca; hainesm@ndp.on.ca; thessels@wainfleet.ca; bkonc@wainfleet.ca; rdykstra@wainfleet.ca;

dwyatt@wainfleet.ca; allenma1@parl.gc.ca; Loeffen Farms; Tom Lewis; Britney Pringle

**Subject:** Re: Industrial Wind Turbines

I'm afraid Transport Canada is not responsible for the safety of skydivers in Canada; that responsibility lies with the Canadian Sport Parachuting Association.

Transport Canada's responsibility in aviation is with regards to aircrew and aircraft operations. NAV Canada's responsibility is with the movement of aircraft in the air and at airports. Neither of these organizations control skydiving nor do they determine what is safe in skydiving with the exception of Demonstration Skydiving and that is not a factor here.

The Canadian Sport Parachuting Association is considered to be the experts in skydiving in Canada and Transport Canada agrees.

Until we can do a full investigation into the specific hazards of wind turbines with regards to skydiving I will say that placing them within the distances listed below will put experienced skydivers and the general public that make skydives at Skydive Burnaby at risk.

Sean Anderson President Canadian Sport Parachuting Association On Wed, Jan 26, 2011 at 6:27 AM, John Andrews < john@ipcenergy.ca > wrote:

Dear Mr. Anderson

Thank you for your comments. These will be included along with the other comments that are part of the Renewable Energy Approval process.

As to your safety comments, it is not our jurisdiction to make safety assessments regarding Skydive Burnaby. This issue clearly needs to be taken up with Transport Canada who is responsible for air traffic safety and other related issues. As part of our REA process we have applied to both Transport Canada and NAV Canada and the response we have received has not raised any concerns regarding the placement of the turbines at this project location.

Regards,

John Andrews, President



Tel: 905-607-1016

Fax: 905-607-5995

**IPC** Energy

From: Sean Anderson [mailto:sean.anderson@cspa.ca]

**Sent:** January 26, 2011 1:15 AM

To: AJeffs@wainfleet.ca; hainesm@ndp.on.ca; thessels@wainfleet.ca; bkonc@wainfleet.ca; rdykstra@wainfleet.ca;

dwyatt@wainfleet.ca; allenma1@parl.gc.ca; Loeffen Farms; John Andrews; Tom Lewis

**Subject:** Industrial Wind Turbines

My name is Sean Anderson; I am the President of the Canadian Sport Parachuting Association (CSPA). I have served in the position for over 5 years and have been on our board of directors for over 10 years.

It has come to my attention that your company is considering placing 2 wind turbines within 1800 meters up wind of Skydive Burnaby's landing area. Skydive Burnaby has informed you that these turbines will pose a serious threat to their operations and customers; and that you have replied back stating that our Parachute Information Manual 1 Section 3.1 states that these turbines are outside the distances stated there. Those

distances are for hazards more immediately adjacent to a drop zone and do not reflect the minimum distances required from the extraordinary hazards created by wind turbines; especially up wind of a landing area.

CSPA is currently looking at addressing what a safe distance would be from a wind turbine; we are planning on having a safe distance within the next 6 weeks.

I ask that you make no final decisions on the placement of these turbines until after we have concluded our investigation and reported back.

Sincerely, Sean Anderson President Canadian Sport Parachuting Association From: Mike and Tara Pitt [pneumatic.sports@sympatico.ca]

**Sent:** January 27, 2011 7:16 PM

To: John Andrews

Cc: Tom Lewis; Geoff Bell; Terry Hawrysh; Loeffen Farms
Subject: Nav Canada Revised letter & Transport Canada letter
Attachments: Document.pdf; 10-2614 Letter to proponent R1.pdf

# Good day,

Please review the revised letter from Nav Canada dated January 19th, 2011 file 10-2614-R1 and the letter from Transport Canada in regards to Skydive Burnaby, both entities agreeing that these proposed turbines will adversely affect the safety of our operations.

Regards Mike & Tara Pitt Skydive Burnaby



January 19, 2011

Your file Wainfleet Wind Energy Project 1104036 Our file 10-2614 R1

Mr. Jonathan Veale Morrison Hershfield Limited 235 Yorkland Boulevard, Suite 600 Toronto, ON M2J 1T1

RE: Wind Farm: 5 turbine wind farm - Wainfleet, ON (N42° 53' 22.4312" W79° 22' 57.9953" / 475.7218' AGL / 1059.7113' AMSL)

Dear Mr. Veale,

We have evaluated the captioned proposal and NAV CANADA has no objection to the project as submitted; however, it has come to our attention that a majority of the proposed wind turbine farm development is located within the confines of advisory airspace CYA513(P); this is an area bounded by a circle of 2 nautical mile radius centred on N42° 53' 00" W79° 21' 00" from the surface to 11,500ft above ground level

Advisory airspace is airspace of defined dimensions within which activities must be confined because of their nature, and within which limitations may be imposed upon aircraft operations that are not a part of those activities. While NAV CANADA does not oversee operations in parachute advisory areas, we kindly request that the area's registered user/controlling agency (St. Catharines Parachute Club) be contacted as the proposed wind turbine farm may adversely affect the safety of their operations.

In the interest of aviation safety, it is incumbent on NAV CANADA to maintain up-to-date aeronautical publications and issue NOTAM as required. To assist us in that end, we ask that you notify us at least 10 business days prior to the start of construction. This notification requirement can be satisfactorily met by returning a completed, signed copy of the attached form by e-mail at <a href="mailto:landuse@navcanada.ca">landuse@navcanada.ca</a> or fax at 613-248-4094. In the event that you should decide not to proceed with this project or if the structure is dismantled, please advise us accordingly so that we may formally close the file.

If you have any questions, contact the Land Use Department by telephone at 1-866-577-0247 or e-mail at <a href="mailto:landuse@navcanada.ca">landuse@navcanada.ca</a>.

NAV CANADA's land use evaluation is valid for a period of 12 months. Our assessment is limited to the impact of the proposed physical structure on the air navigation system and installations; it neither constitutes nor replaces any approvals or permits required by Transport Canada, Industry Canada, other Federal Government departments, Provincial or Municipal land use authorities or any other agency from which approval is required. Industry Canada addresses any spectrum management issues that may arise from your proposal and consults with NAV CANADA engineering as deemed necessary.

Yours truly,

Christopher Csatios

for

David Legault Manager, Data Collection

Aeronautical Information Services

cc ONTR-Ontario Region, Transport Canada (2010-390)

CPE5-PORT COLBORNE

4900 Yonge Street 4<sup>th</sup> Floor Toronto ON M2N 6A5

January 26, 2011

UNCLASSIFIED

Mr. Mike Pitt 11631 Burnaby Road RR#2 Wainfleet, ON LOS 1V0 Your file Votre référence

Our file Notre référence 5151-1-142 (PAD)

Dear Mr. Pitt:

# RE: Proposed Windfarm Near Port Colborne Registered Aerodrome

Thank you for your e-mails to me dated January 6, 2011 and to <u>aerodromes.ontario@tc.gc.ca</u> dated January 10, 2011 regarding a proposed wind farm in the vicinity of the Port Colborne Registered Aerodrome.

Please be advised that land-use is a provincial jurisdiction subject to the municipal permit process and that Transport Canada has no regulations that prevent landowners from development on their lands. At some certified airports, there are federally-enacted airport zoning regulations that apply on lands adjacent to and in the vicinity of the airport. These regulations restrict the heights of buildings, structures, and objects to protect for present and future certification requirements. However, the Port Colborne Registered Aerodrome is not certified and there are no such airport zoning regulations.

The Port Colborne Registered Aerodrome is regulated by Transport Canada and it must comply with the Canadian Aviation Regulations (CARs) pertaining to aerodromes, which are available on the internet at <a href="http://www.tc.gc.ca/CivilAviation/Regserv/Affairs/cars/Part3/Subpart1.htm">http://www.tc.gc.ca/CivilAviation/Regserv/Affairs/cars/Part3/Subpart1.htm</a>.

Transport Canada's role regarding the erection of obstacles is to assess them for lighting and marking requirements in accordance with Canadian Aviation Regulation (CAR) 621.19. This assessment does not constitute authority for construction. We have received an Aeronautical Obstruction Clearance Form (AOCF) for the erection of five wind turbines on privately owned property in the vicinity of Port Colborne Aerodrome and they have been assessed for lighting and marking.





The proposed wind turbines may adversely affect Skydive Burnaby's operations and aircraft operating in the circuit at the Port Colborne Registered Aerodrome. We recommend that you contact the relevant municipal land-use authority and make them aware of your opposition to the wind farm.

Should you require any further information or clarification, please feel free to contact me or Mike Lucking at 416-952-1586.

Yours truly,

Clifford Frank Jr.

A/Regional Manager

Aerodromes and Air Navigation

Ontario Region

Telephone: 416-952-0248 Facsimile: 416-952-0050

## **Britney Pringle**

From: Britney Pringle

**Sent:** Friday, January 28, 2011 5:59 PM **To:** 'pneumatic.sports@sympatico.ca'

Cc: 'John Andrews'; Terry Hawrysh; Sunny Galia; Tom Lewis; Paul Draycott; Jonathan Veale

Subject: RE: Nav Canada Revised letter & Transport Canada letter
Attachments: Wainfleet Wind Energy Project\_Skydive Burnaby\_Jan28\_11.pdf

Dear Mr. and Mrs. Pitt,

On behalf of the proponent for the Wainfleet Wind Energy Project, Wainfleet Wind Energy Inc. and Mr. John Andrews (IPC Energy), please find a response letter to your email dated January 27, 2011.

Please indicate once you have successfully received this email.

Best Regards,

#### **Britney Pringle**

Environmental Planner bpringle@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Dir: 416 499 3110 x1435 | Fax: 416 499 9658 morrisonhershfield.com

**From:** Mike and Tara Pitt [mailto:pneumatic.sports@sympatico.ca]

Sent: January 27, 2011 7:16 PM

To: John Andrews

**Cc:** Tom Lewis; Geoff Bell; Terry Hawrysh; Loeffen Farms **Subject:** Nav Canada Revised letter & Transport Canada letter

#### Good day,

Please review the revised letter from Nav Canada dated January 19th, 2011 file 10-2614-R1 and the letter from Transport Canada in regards to Skydive Burnaby, both entities agreeing that these proposed turbines will adversely affect the safety of our operations.

Regards Mike & Tara Pitt Skydive Burnaby



January 28, 2011

Mr. and Mrs. Pitt Skydive Burnaby 11531 Burnaby Road, RR #2 Wainfleet, Ontario LOS 1V0 pneumatic.sports@sympatico.ca

Re: Wainfleet Wind Energy Project
Response to NAV Canada Revised Letter & Transport Canada Letter

Dear Mr. and Mrs. Pitt,

Thank-you for your recent email correspondence dated January 27, 2011. The project team would like to inform you that we had previously received and reviewed the letters you forwarded from NAV Canada and Transport Canada regarding the Wainfleet Wind Energy Project and Skydive Burnaby's operations. We have since included both letters as part of the proponent's Renewable Energy Approval (REA) package, which will be submitted to the Ministry of Environment (MOE) for review.

We would like to take this opportunity to address your comments that the letters received from NAV Canada and Transport Canada serve as evidence that both Agencies are in agreement that the proposed turbines will adversely affect the safety of your skydiving operations. With regards to Transport Canada's correspondence, the letter clearly states that:

"...land-use is a provincial jurisdiction subject to the municipal permit process and Transport Canada has no regulations that prevent landowners from development on their lands."

Transport Canada's role is to evaluate obstacles for lighting and painting requirements. Wainfleet Wind Energy Inc. submitted an Aeronautical Obstruction Clearance Form, which has been evaluated by Transport Canada. The project will comply with the lighting requirements specified in their evaluation. Further, they state that the Port Colborne Registered Aerodrome is not a certified airport and therefore no such airport zoning regulations will be applied to lands adjacent to and in the vicinity of the airport. The lack of certification as identified by Transport Canada therefore concludes that you do not have a restricted airspace designated around your aerodrome. The letter also points out that it is your obligation to adhere to the requirements of a registered aerodrome.

The letter received by NAV Canada concerning their review of the Land Use Proposal Form, submitted by Wainfleet Wind Energy Inc. also clearly indicates that NAV Canada has no objection to the project as currently proposed. The second paragraph indicates that there is advisory airspace that confines the operations of your aerodrome. The letter continues to suggest that we contact St. Catharines Parachute Club. This club was previously bought by you and renamed to Skydive Burnaby. The project team has fulfilled this request by both direct contact in September of 2009 and through correspondence and consultation activities currently being undertaken by Wainfleet Wind Energy Inc. in their efforts to receive a Renewable Energy

Approval from MOE. The project team provided you with an invitation to the project's first Public Open House in August 2010, and a response was sent to you regarding your completed comment form. At that time we also provided you with the agency contact information we currently had on file for Transport Canada and NAV Canada. The project team also provided you with a draft site plan of the proposed project.

The design and operation of the Wainfleet Wind Energy Project will adhere to all required regulatory setbacks and regulations imposed by the appropriate governing authorities. At this time, the project has received no objections from any of the regulatory agencies consulted concerning the project's design. Our intention is to move forward with the planning of this project, and incorporate stakeholder comments where technically and economically feasible.

Thank-you again for taking the time to inform us of your thoughts. In the near future we will notify you about the next Public Open House. That may be a good opportunity for us to discuss any further thoughts that you may have about this project. Also, we are available to meet with you at a convenient time in an effort to create a constructive dialog on how to further improve the design of the Wainfleet Wind Energy Project and address your concerns. Please let us know if you believe a meeting will be helpful. In the meantime, please contact us as you see fit.

Yours truly,

## Mr. Sunny Galia

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: Sunny@ipcenergy.ca

CC: John Andrews, IPC Terry Hawrysh, IPC Tom Lewis, IPC Paul Draycott, MH Jonathan Veale, MH

## Ms. Britney Pringle

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, Ontario, M2J 1T1

Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com



From: John Andrews

Sent: January 31, 2011 12:30 PM

To: Tom Lewis

Subject: Fw: Concerns for my safety due to wind turbine installations near

Skydive Burnaby

---- Original Message -----

From:

To: ajeffs@wainfleet.ca <ajeffs@wainfleet.ca>; rdykstra@wainfleet.ca <rdykstra@wainfleet.ca>; thessels@wainfleet.ca <thessels@wainfleet.ca>; bkonc@wainfleet.ca <bkonc@wainfleet.ca>; dwyatt@wainfleet.ca <dwyatt@wainfleet.ca>; hainesm@ndp.on.ca <hainesm@ndp.on.ca>; Loeffen Farms; sluey@township.wainfleet.on.ca <sluey@township.wainfleet.on.ca>; planning@township.wainfleet.on.ca <planning@township.wainfleet.on.ca>; gmunday@township.wainfleet.on.ca>; gmunday@township.wainfleet.on.ca <gmunday@township.wainfleet.on.ca>; John Andrews; Tom Lewis; Geoff Bell; Terry Hawrysh Cc: mike@skydiveburnaby.com <mike@skydiveburnaby.com> Sent: Sun Jan 30 21:10:12 2011

Subject: Concerns for my safety due to wind turbine installations near Skydive Burnaby

Good day,

I am writing to you today to ask you to reconsider the placement of the turbines #4 and #5 near Skydive Burnaby in Wainfleet, ON. Skydive Burnaby is a very important place in my life. I have been jumping there for almost 10 years and have worked there as one of Canada's very few female tandem instructors since 2007. I have trained there for two formation skydiving World Records. I have participated there in multiple Canadian formation skydiving Canadian Records. I join my best friends there each and every time I go. I personally need Skydive Burnaby to continue to work towards my goals in the sport.

Since I am a Regular Officer in the Canadian Forces I had to move to Ottawa last year. Nevertheless, many times over the summer I still traveled the 7+ hours to visit Skydive Burnaby and the surrounding Wainfleet area. I would not have made that trek, nor spent my hard earned dollars at local restaurants, gas stations, shops, festivals, etc if it were not for Skydive Burnaby. I am getting promoted this summer, which means a posting for myself and my family. My first thought was "where can I ask to go that will get me back closer to Skydive Burnaby?" It's where I relax, where all of my friends and skydiving family are. I have skydived all over the world and I always tell people that Skydive Burnaby is my home dropzone. Not only that but Mike and Tara Pitt are two of the best employers a person could ask for. Tara is an exceptional leader, a wonderful mother, and a true friend. Everyone there works their hardest and the recreational & first time skydivers keep coming

because Mike and Tara are just such wonderful people. We all know that they work even harder to ensure we all feel welcome. They really do care about every single person that walks onto their dropzone. I am sure that no energy company could make the same claim.

As a skydiver and tandem instructor, the turbines really scare me. Skydiving can be risky business but we do everything we can to minimize that risk. The area where the turbine installation is planned is directly upwind of the dropzone. There have been MANY times when I have exited the plane in that location. Without exaggeration it is probably easier to count how many times I have not gotten out of the plane near that location. It's not just the enormous moving blades that scare me. Turbulence is a killer for skydivers. Trust me, I have literally seen it kill a man right in front of my eyes while I was skydiving in another country. Hazards like these turbines are not an option for us. We have to avoid them. Unfortunately, we are also at the mercy of the wind. In order to make a safe landing, either by myself or with my students, I have to calculate a safe exit point that's based on wind direction. If there are turbines in the route I have to follow to land safely back at the dropzone, there's just no question about it, I cannot jump safely. And that's considering if everything I plan goes well. There are also emergency situations to consider. These turbines extremely limit my options for emergency landings as well.

Skydivers and first time jumpers have been bringing business to the Wainfleet area for more than 55 years. The community will feel the loss of these visitors and this family business much more than they will gain from the installation of these two turbines.

I look forward to hearing about how you plan to ensure my safety as a skydiver at Skydive Burnaby.

Thank-you,



5401 Southpoint Centre Blvd., Frederickaburg, VA 22407 ◆ Phone: 540-604-9740 ◆ Fax: 540-604-9741 ◆ E-mail: uspa@uspa.org

January 31, 2011

Mr. Michael Stephenson Regional Director General, Ontario Transport Canada 4900 Yonge Street, Suite 400 Willowdale, Ontario

Re: Wind Farm: 5 turbine wind farm - Wainfleet, Ontario (N42° 53' 22.4312" W79° 22' 57.9953" / 475.7218' AGL / 1059.7113' AMSL)

Dear Mr. Stephenson:

The U.S. Parachute Association (USPA) represents the sport of skydiving in the United States and around the world. USPA currently represents more than 33,000 individuals who enjoy and support the sport of skydiving, with nearly 500 members that reside in Canada. USPA also represents the interests of 250 businesses, clubs, and schools that affiliate with the association as USPA Group Members. Skydive Burnaby of Wainfleet, Ontario, is a current USPA Group Member facility, which operates an airport that also serves as one of the busiest parachute drop zones in the province. USPA members frequent the Skydive Burnaby facilities every year, participating in training, competitions, and recreational skydiving. Participants make more than 9,000 individual parachute jumps annually at Skydive Burnaby.

USPA is adamantly opposed to the Wainfleet Wind Energy Project proposal to locate wind turbines in proximity to the Port Colborne Airport and the Skydive Burnaby parachute drop zone. While we are not experts on wind turbines, our skydiving experience with capricious winds confirms that hazards should not be placed in the vicinity of any parachute operation airspace. Wind turbines are an obvious hazard to anyone descending under an open parachute, since contact with the turbines could be lethal. Without doubt, intentionally locating wind turbines in proximity to an airport and busy, well-established skydiving center would be unconscionable.

Surely there are alternatives to the location of the wind turbines that would not result in exposing recreational skydivers to such a lethal accident.

Sincerely,

Jim Crouch
Director of Safety and Training

Randy Ottinger
Director of Government Relations

Cc.

Mr. Jonathan Veale Environmental Planner Morrison Hershfield Limited 235 Yorkland Boulevard, Suite 600 Toronto, Ontario

Ms. Britney Pringle Environmental Planner Morrison Hershfield Limited 235 Yorkland Boulevard, Suite 600 Toronto, Ontario

Mr. John Andrews, President IPC Energy 2550 Argentia Road, Suite 105 Mississauga, Ontario

Mr. Tom Lewis, Manager, Planning & Environment IPC Energy 2550 Argentia Road. Suite 105 Mississauga, Ontario

Sunny Galla, Project Manager IPC Energy 2550 Argentia Road, Suite 105 Mississauga, Ontario Crouch.htm 5/5/11 2:05 PM

From: Jim Crouch [JCrouch@uspa.org]
Sent: February 22, 2011 4:45 PM

To: John Andrews

Cc: Ed Scott; Randy Ottinger
Subject: RE: Skydive Burnaby

#### Mr. Andrews,

The last sentence in your email instructed me as follows: "Until then, please discontinue sending further correspondence to us. Perhaps it is time to put emotional issues aside and provide some real rational to this situation."

The statements in the letter from USPA indicate USPAs position on a wind farm near a drop zone issue. We will not have any further comments.

Regards,

## Jim Crouch | Director of Safety & Training



5401 Southpoint Centre Blvd. | Fredericksburg, VA 22407

P: 540.604.9740 ext. 314 | F: 540.604.9741

Safety Day is March 12! Contact your local DZ for details or click here.

From: John Andrews <a href="mailto:john@ipcenergy.ca">[mailto:john@ipcenergy.ca</a>]
Sent: Wednesday, February 16, 2011 3:54 PM

To: USPA

Subject: FW: Skydive Burnaby

Mr. Crouch

Could you please have the courtesy to respond to my email below as I took the time to respond to yours.

John

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

**IPC Energy** 

From: John Andrews

**Sent:** January 31, 2011 4:47 PM

To: uspa@uspa.org; randyo@uspa.org; JCrouch@uspa.org

**Cc:** Mike and Tara Pitt **Subject:** Skydive Burnaby

Dear Mr. Crouch

Thank you for your unsigned letter regarding Skydive Burnaby. I was surprised to receive this response since we had already contacted your director of safety and explained the situation over a week ago. His response was that the turbines did not, in fact, cause a safety issue. He further commented that as long as the aircraft can operate safely, then there was no issue. Our discussions with two fully licensed pilots, one a veteran of many years and another a captain of commercial jets, have both confirmed that they would very easily operate aircraft with the turbines as they are currently planned.

### My questions to you are:

- Define proximity as it is stated in your letter.
- What is the scientific reasoning behind this concern.
- What regulations **exist** in your organization regarding any obstructions such as cell towers, transmission lines, highways, high rise buildings, etc.
- · What jurisdiction do you have in Canada or Ontario to make such a claim.
- · Show us proof of the number of jumps claimed at this site.

The unsigned letter that you sent to Transport Canada was merely forwarded to us with no comment which clearly indicates that they have already dealt with this situation. When you have demonstrated jurisdiction in Canada and specifically Ontario, we will be glad to discuss the matter further with you. Until then, please discontinue sending further correspondence to us. Perhaps it is time to put emotional issues aside and provide some real rational to this situation.

Regards,

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

**IPC Energy** 

## **Britney Pringle**

From: Britney Pringle

Sent: Wednesday, February 09, 2011 10:09 AM

To: 'randyo@uspa.org'

Cc: Jonathan Veale; Paul Draycott; John Andrews; 'Sunny Galia'; Tom Lewis

**Subject:** RE: Wind Farm: Wainfleet, Ontario

Dear Mr. Ottinger,

On behalf of the Proponent for the Wainfleet Wind Energy Project, Wainfleet Wind Energy Inc. and the entire project team we would like to thank you for your correspondence dated January 31, 2011. Your correspondence has been included in the public record for this project and will be submitted as part of the Proponent's Renewable Energy Approval application to the Ontario Ministry of Environment for review. If you would like to learn more about the Wainfleet Wind Energy Project please visit the project's website at <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>.

Best Regards,

#### **Britney Pringle**

Environmental Planner bpringle@morrisonhershfield.com



Suite 600, 235 Yorkland Blvd. | Toronto, ON M2J 1T1 Dir: 416 499 3110 x1435 | Fax: 416 499 9658 morrisonhershfield.com

----Original Message----

From: Randy Ottinger [mailto:randyo@uspa.org]

Sent: Monday, January 31, 2011 12:55 PM

To: Michael Stephenson

Cc: jveale@morrisonherhsfield.com; Britney Pringle; sunny@ipcenergy.ca; tom@ipcenergy.ca;

john@ipcenergy.ca; Mike and Tara Pitt; Jim Crouch; Ed Scott

Subject: Wind Farm: Wainfleet, Ontario

Mr. Michael Stephenson Regional Director General, Ontario Transport Canada 4900 Yonge Street, Suite 400 Willowdale, Ontario

Dear Mr. Stephenson:

The attached letter is respectfully submitted for your consideration.

Regards,

Randy Ottinger
Director of Government Relations

## **Britney Pringle**

From: Lucking, Michael [michael.lucking@tc.gc.ca]
Sent: Monday, February 07, 2011 2:32 PM

To: Sue Bilek
Cc: Sue Bilek
Britney Pringle

Subject: RE: Regulatory Guidelines for Skydiving Club

Sue,

As per our phone conversation there is no setback requirement for wind turbines from an aerodrome.

The authority for the placement of wind turbines is with a land use authority and does not fall under the scope of the <u>Aeronautics Act</u> or the <u>Canadian Aviation Regulations (CARs)</u>. The authority for enforcement of the CARs resides with Transport Canada.

It is my understanding tat the CSPA is a membership organization and does not have the authority to enforce their rules except on their own members.

Regards,

## Michael Lucking

Civil Aviation Safety Inspector | Inspecteur de la sécurité d'aviation civile Aerodromes and Air Navigation/Aérodromes et Navigation aérienne

Tel/Tél: (416) 952-1586 Fax/Télécopieur: (416) 952-0050

Email/Courriel: michael.lucking@tc.gc.ca

Website/Site Web: <a href="http://www.tc.gc.ca/Ontario/eng/air/civil-aviation/aerodromes.htm">http://www.tc.gc.ca/Ontario/eng/air/civil-aviation/aerodromes.htm</a>

Transport Canada | 4900 Yonge St, 4th Floor (PAD)

Transports Canada | 4900 rue Yonge, 4e étage (PAD) Toronto, Ontario M2N 6A5

Government of Canada/ Gouvernement du Canada

**From:** Sue Bilek [mailto:SBilek@morrisonhershfield.com]

Sent: Thursday, February 03, 2011 11:26 AM

**To:** Lucking, Michael **Cc:** Britney Pringle

Subject: Regulatory Guidelines for Skydiving Club

Hi Michael,

As per our conversation, I am looking for information regarding regulatory guidelines for skydiving clubs. The Canadian Sport Parachuting Association (CSPA, 300 Forced Road, Russell, ON K4R 1A1 <a href="www.cspa.ca">www.cspa.ca</a>), have corresponded with us regarding an issue concerning the placement of a wind turbine.

They inform us that they are the authority on such issues as setback distances from the wind turbine. Can you tell me if the CSPA has the legal right to enforce their rules? If they do not have the authority, could you please tell me who does, and what the legalities are surrounding issues of skydiving clubs and wind turbines being placed close to them.

Thank you for your time and consideration.

Sincerely,

Sue Bilek

Administrative Coordinator

Environmental Services Morrison Hershfield Limited **From:** splat13@rogers.com

**Sent:** March 16, 2011 10:13 AM

To: John Andrews

**Subject:** Wind turbines - CSPA

Dear Sir,

The issue of land use around airports has been forwarded to the committee I chair to coordinate. I tired to call. Please call me at your convenience. (416)558 1287.

Pat Floyd

From: John Andrews

**Sent:** March 16, 2011 11:00 AM

To: Pat Floyd

**Subject:** Lawyer for Skydive Burnaby

Hi Pat

Here is the lawyers coordinates:

# **MacFarlane Duncan M**

190 Division St, Welland, ON L3B 4A2

905-732-4481

Regards, John

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

**IPC Energy** 

From: John Andrews

**Sent:** March 15, 2011 2:26 PM

**To:** Pat Floyd

**Cc:** Sean Anderson; Sunny Galia; Terry Hawrysh; 'Jonathan Veale'; 'Britney Pringle';

pneumatic.sports@sympatico.ca

**Subject:** FW: Industrial Wind Turbines

Dear Mr. Floyd

I understand that you are now responsible for the issue detailed below, however, despite our previous attempts to get a response from your club, we have to-date received no information. If this is such an important issue as your club has insisted in the past, then why are you not providing any response.

We would appreciate the courtesy of a response to our questions as we have always responded to your inquiries.

Regards,

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

**IPC Energy** 

From: John Andrews

Sent: March 8, 2011 8:58 AM

To: Sean Anderson

Cc: Sunny Galia; Terry Hawrysh; Pat Floyd; 'Jonathan Veale'; 'Britney Pringle'

**Subject:** RE: Industrial Wind Turbines

Thank you Sean

Could we please get a response from Pat regarding the emails below.

Regards, John

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

**IPC Energy** 

From: Sean Anderson [mailto:sean.anderson@cspa.ca]

Sent: March 7, 2011 6:12 PM

To: John Andrews

**Cc:** Sunny Galia; Terry Hawrysh; Pat Floyd **Subject:** Re: Industrial Wind Turbines

Hi,

Please note that Pat Floyd has taken the lead on this and all emails/questions will go through him.

Thanks, Sean

On Mon, Mar 7, 2011 at 6:31 AM, John Andrews < <u>john@ipcenergy.ca</u>> wrote:

Dear Mr. Anderson

We have reviewed both the letters from Transport Canada and Nav Canada as submitted by you.

We would like to mention here that none of the letter suggests that the proposed turbines WILL affect the safety of your operations. We agree with their suggestion of consultation with you for the proposed project and we have already done it even prior to their suggestion. We have taken utmost care to minimize the impact of the project on the environment as well as the stakeholders. As per our previous correspondence we had commenced our consultation with Skydive Burnaby early on in the planning of this project. We had tried to accommodate your request for keeping the turbines close to Station road. We firmly believe that only two turbines approximately 100m east of Station road do not adversely impact your operations, however, we are always open to honest dialogue which has been demonstrated by our repeated requests to meet with the Pitts. We have even offered, at no charge, two alternate landing areas which are well away from the turbines for the 20 year period as well as some assistance for retraining costs to Mr. Pitt but he has also refused this. We would suggest a scientific and practical approach to this issue as compared to the emotional one. You have indicated that you were developing guidelines for you members regarding setbacks, however, we have not to-date, received any such information from your organization.

We'll appreciate some information including but not limited to following in support of your claim.

- 1.0 Scientific drawings and calculations for both drop patterns, travel pattern calculations from chute deployment at various acceptable altitudes of deployment, heights at the drop and complete flight pattern from dropping to the drop zone.
- 2.0 Scientific calculations of the turbulence horizontally and vertically including turbulence intensities from the turbines up to and including your drop zone. The information may include wind roses and turbulence roses from all sectors and detailed description of the flight timing and turbulence correlation. Please let us know which model has been used for these calculations.
- 3.0 Please let us know why you had not objected to the another project having turbines just west of the Station road.
- 4.0 Please let us know how do you avoid other obstructions such as trees, wood lots, wet lands, water bodies, transmission/distribution lines, roads and traffic. If your students can avoid all of these obstructions in close proximity, how can they not avoid turbines so far?

- Please tell us if returning to the drop zone is a rule or exception. If you are supposed to return to the drop zone normally, how could you travel 1700m horizontally if you were at the height of only 150m at a distance of 1700m?
- 6.0 Do you take prior written permission from the land owners where your students may drop as required by regulation/CSPA guideline?

We'll appreciate your quick response. Thanks.

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

IPC Energy

From: Sean Anderson [mailto:sean.anderson@cspa.ca]

**Sent:** January 27, 2011 12:46 AM

To: John Andrews

Cc: AJeffs@wainfleet.ca; hainesm@ndp.on.ca; thessels@wainfleet.ca; bkonc@wainfleet.ca; rdykstra@wainfleet.ca;

dwyatt@wainfleet.ca; allenma1@parl.gc.ca; Loeffen Farms; Tom Lewis; Britney Pringle

**Subject:** Re: Industrial Wind Turbines

I'm afraid Transport Canada is not responsible for the safety of skydivers in Canada; that responsibility lies with the Canadian Sport Parachuting Association.

Transport Canada's responsibility in aviation is with regards to aircrew and aircraft operations. NAV Canada's responsibility is with the movement of aircraft in the air and at airports. Neither of these organizations control skydiving nor do they determine what is safe in skydiving with the exception of Demonstration Skydiving and that is not a factor here.

The Canadian Sport Parachuting Association is considered to be the experts in skydiving in Canada and Transport Canada agrees.

Until we can do a full investigation into the specific hazards of wind turbines with regards to skydiving I will say that placing them within the distances listed below will put experienced skydivers and the general public that make skydives at Skydive Burnaby at risk.

Sean Anderson
President
Canadian Sport Parachuting Association
On Wed, Jan 26, 2011 at 6:27 AM, John Andrews < john@ipcenergy.ca > wrote:

#### Dear Mr. Anderson

Thank you for your comments. These will be included along with the other comments that are part of the Renewable Energy Approval process.

As to your safety comments, it is not our jurisdiction to make safety assessments regarding Skydive Burnaby. This issue clearly needs to be taken up with Transport Canada who is responsible for air traffic safety and other related issues. As part of our REA process we have applied to both Transport Canada and NAV Canada and the response we have received has not raised any concerns regarding the placement of the turbines at this project location.

Regards,

John Andrews, President

Tel: 905-607-1016 Fax: 905-607-5995

IPC Energy

From: Sean Anderson [mailto: sean.anderson@cspa.ca]

**Sent:** January 26, 2011 1:15 AM

To: AJeffs@wainfleet.ca; hainesm@ndp.on.ca; thessels@wainfleet.ca; bkonc@wainfleet.ca; rdvkstra@wainfleet.ca;

dwyatt@wainfleet.ca; allenma1@parl.gc.ca; Loeffen Farms; John Andrews; Tom Lewis

**Subject:** Industrial Wind Turbines

My name is Sean Anderson; I am the President of the Canadian Sport Parachuting Association (CSPA). I have served in the position for over 5 years and have been on our board of directors for over 10 years.

It has come to my attention that your company is considering placing 2 wind turbines within 1800 meters up wind of Skydive Burnaby's landing area. Skydive Burnaby has informed you that these turbines will pose a serious threat to their operations and customers; and that you have replied back stating that our Parachute Information Manual 1 Section 3.1 states that these turbines are outside the distances stated there. Those distances are for hazards more immediately adjacent to a drop zone and do not reflect the minimum distances required from the extraordinary hazards created by wind turbines; especially up wind of a landing area.

CSPA is currently looking at addressing what a safe distance would be from a wind turbine; we are planning on having a safe distance within the next 6 weeks.

I ask that you make no final decisions on the placement of these turbines until after we have concluded our investigation and reported back.

Sincerely,
Sean Anderson
President
Canadian Sport Parachuting Association

From: John Andrews

**Sent:** April 28, 2011 2:11 PM

To: pneumatic.sports@sympatico.ca; mike@skydiveburnaby.com
Cc: AJeffs@wainfleet.ca; thessels@wainfleet.ca; bkonc@wainfleet.ca;

rdykstra@wainfleet.ca; Sean Anderson; splat13@rogers.com; Terry Hawrysh; Grant

Munday; Loeffen Farms; Terry Hawrysh; Tom Lewis; Jonathan Veale

**Subject:** RE: Skydive Burnaby

**Attachments:** Pat Floyd email2.htm; Pat Floyd email.htm

Dear Mr. Pitt

Your information from Transport Canada has nothing to do with obstacle clearance. The 4 km you are talking about is only an airspace designation for other pilots to identify an area that your airfield operates within. You do not have control over that space nor is it considered restricted airspace. You are simply a club using that space for your own use. You have no authority to restrict anyone else from the use of that space nor do you have exclusive rights to it. In addition, the CSPA is simply a club and only its members are bound by any regulations that it puts out. That is not to say that we would not consider the observations that your club releases, however, there needs to be sufficient scientific evidence as I had requested, to clearly show how your club arrived at their conclusions.

We have given more than sufficient time for this to happen and yet we still have not received anything from the CSPA. If this is such an important issue, then I would have expected results by now. This is now the third person I am being directed to contact from the CSPA about this issue so I would suggest that Mr. Hodge has anything to add, that he or whomever is in charge, is welcome to contact me. I have left at least 3 voice messages with Mr. Floyd, who most certainly used the words "NIMBY issue", but have never had a return call after our initial conversation. I also passed on your lawyers contact information at his request, so that he could talk directly to him regarding this issue but never had a response.

You and your lawyer Mr. MacFarlane are completely unwilling to even consider any type of negotiations to find an alternative solution to this situation. I frankly cannot understand why.

This whole situation has been handled very unprofessionally by CSPA and has dragged on far too long. As I had already stated, we consider the issue closed.

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

**IPC Energy** 

**From:** <a href="mailto:pneumatic.sports@sympatico.ca">pneumatic.sports@sympatico.ca</a> <a href="mailto:pneumatic.sports@sympatico.ca">[mailto:pneumatic.sports@sympatico.ca</a>

Sent: April 28, 2011 1:30 PM

**To:** John Andrews; mike@skydiveburnaby.com

Cc: AJeffs@wainfleet.ca; thessels@wainfleet.ca; bkonc@wainfleet.ca; rdykstra@wainfleet.ca; Sean Anderson;

splat13@rogers.com; Terry Hawrysh; Grant Munday; Loeffen Farms

Subject: Re: Skydive Burnaby

Dear Mr. Andrews,

Thank you for your email. In response we need to clarify some of your points stated.

First of all Skydive Burnaby and CSPA do not consider this important matter "closed".

We have and continue to be in constant communications with Mr. Floyd and as recently as 10 minutes ago asking him if he in fact said what you have claimed he said, and I quote "I did not say anything like that and as a matter a fact I have a 4 page draft being sent to CSPA of what our requirements need to be " end quote.

CSPA has a democratic structure that needs to be followed and sometimes these matters take time. Sean Anderson is no longer the president of CSPA and the new president needed some time to get up to speed with this issue.

The comment sheet states cleary the standard clearance from Transport Canada being 4km for obstacle clearance which we asked that IPC consider and then we go on to say that it is 380 meters however we made an error with meters and feet. Depending on how high the turbine in fact is our concern is not only the cause of turbulance from that distance in location to our airspace for our parachutists as well 80% of our prevailing winds and the percentage of time our jumpers will be flying over top of these turbines to get back to our landing area and not to mention many other factors that come into play with emergency situations and cypres activation altitude are definitly a safety concern.

We apologize for the length in time with this issue however this matter is no where near a "closed matter" and IPC will be receiving this approved draft in the nearer future. Please contact CSPA President Dave Hodge at <a href="mailto:dave.hodge@cspa.ca">dave.hodge@cspa.ca</a> or Pat Floyd and you already have his contact information.

Thank you very much. Mike and Tara Pitt Skydive Burnaby

Sent from BlackBerry

From: "John Andrews" < john@ipcenergy.ca>

Date: Thu, 28 Apr 2011 11:31:20 -0400

To: < mike@skydiveburnaby.com>

Cc: <<u>AJeffs@wainfleet.ca</u>>; <<u>thessels@wainfleet.ca</u>>; <<u>bkonc@wainfleet.ca</u>>; <<u>rdykstra@wainfleet.ca</u>>; Sean Anderson<<u>sean.anderson@cspa.ca</u>>; <<u>splat13@rogers.com</u>>; Terry Hawrysh<<u>terry@ipcenergy.ca</u>>;

Grant Munday<planning@wainfleet.ca>; <loeffenfarms@sympatico.ca>

Subject: Skydive Burnaby

Dear Mike

I am writing this email to inform you that as far as we are concerned the issue of the alleged interference with

Skydive Burnaby's operation by the Wainfleet Wind Farm is closed. In an attempt to resolve this matter we have:

- Consulted with Transport Canada.
- Contacted Sean Anderson of the Canadian Sport Parachute Association who promised to provide set back requirements for wind turbines in 4 to 6 weeks (emails attached) We have requested that he provide scientific evidence of any potential hazard caused by proximity to wind turbines. We still have not received a response or any comments from him of the CSPA.
- Contacted Pat Floyd who is a lawyer, skydiver and pilot assigned by CSPA to deal with this issue and during
  a direct telephone conversation commented that there should be no issue with the distance turbines 4 and
  5 from the jump school and furthermore commented that "this is likely a NIMBY issue". We have not
  received any further contact from Mr. Floyd despite our follow up emails and voicemails to him.
- Reviewed your comment sheet from the open house held for this project and noticed that, in your own words, you stated that you require 10 times the height of the turbine for setback distance. Since the turbine is 145m to the tip of the blade, this equates to a setback distance of 1.45km. Since we are approximately 1.8km from the drop zone, we have exceeded your expectations. We note that you have confused metres and feet in your calculations on the comment sheet attached which explains your miscalculation of distance.
- The proponent has made an offer to you in an attempt to mitigate any perceived problems, which you and your lawyer have flatly refused to accept or even negotiate.

We have reported all of this to the Ministry of the Environment to clearly show that we have done everything possible to deal with your issues and have received no scientific evidence of any hazard that this project would create to interfere with your business, therefore, the matter is closed as far as we are concerned.

Regards,

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

IPC Energy

From: Dave Hodge [dave.hodge@cspa.ca]

**Sent:** April 29, 2011 4:36 AM

To: John Andrews

**Cc:** AJeffs@wainfleet.ca; thessels@wainfleet.ca; bkonc@wainfleet.ca;

rdykstra@wainfleet.ca; Grant Munday; Terry Hawrysh; Loeffen Farms; Tom Lewis;

Jonathan Veale; pneumatic.sports@sympatico.ca; mike@skydiveburnaby.com;

**Judy Donnelly** 

Subject: CSPA - summary of position and issues regarding your wind turbines

Dear John Andrews,

I do apologize for any delay on the part of the Canadian Sport Parachuting Association for our follow-up to the very real effects that your wind turbines will have on Skydive Burnaby; one of our member skydive facilities as well as other skydiving centres in Canada. As I hope you would agree investigations in which human lives and property may be at risk should not be rushed.

This letter is a summary of the position and issues of the Canadian Sport Parachuting Association ("CSPA") due to wind turbine installations in close proximity with parachuting operations and airports.

While listening to various proponents of installation, the argument that "we can therefore we will" used by the wind tower proponents doesn't reflect the fact that by introducing significant additional risks to lives and property also comes with additional liability for those new risks to those proponents.

## **Obstacle Guidelines**

CSPA supports and adopts the Transport Canada standards, being TP312 "Aerodrome Standards and Recommended Practices", as the standards to quantify and limit the aviation risk from other activities at or near aerodromes. In addition, this includes the guidance in Transport Canada publication, TP 1247 "Land Use in Vicinity of Airports". The clearances noted by Transport Canada are essential to the safety of aircraft and parachutist alike.

In that regard, the ICAO (International Civil Aviation Organization) Annex 14, SARP(Standards and Recommended Practices) for Aerodromes should also be reviewed to demonstrate such requirements are not limited to our country.

## **Aeronautical Study**

CSPA supports and approves the CSA Q850 Aeronautical Study process as the appropriate risk determining method for aeronautics. It is the CSPA's position if wind turbines and cell phone towers are to be used in close proximity to an aerodrome, whether registered or not, the appropriate environmental, regulatory and land use review should also include the Aeronautical Study process under the Canadian Aviation Regulations (CARs), which is the CSA Q-850 process.

## **Installations**

When looking at the obstacle zone of an aerodrome, especially given parachuting activity, there are certain aspects that must be brought into consideration. The first aspect is being the drop centre aircraft itself, which are the take-off, landing and circuit procedures being used. In addition, given the nature of a shorter runway

length, the emergency requirements for take-off obstacle clearance must be considered. In addition, other aircraft, including helicopters can be using the aerodrome to land and take-off or just to "fly over" as a way point on their trip.

Another aspect of the parachuting operation that must be addressed is the parachute opening point. The parachute opening point from the aircraft is usually significantly enough of upwind of the intended landing area and that at the parachute opening altitude a wind drift will land close to the intended target. This point in space is called the "spot". This is also generally the point at which the jump run for the aircraft is taken so that some of the parachutists start to exit before the spot, so the last parachute group that exits on that jump run exits just after the spot. In that regard, the spot could be considered more of a line that commences just before the neutral wind position in line with the drop zone. Two aspects of this must be taken into consideration.

While the normal opening up today is 2500 to 4500 feet above ground, in emergency opening can be conducted all the way down to 700 feet to the ground. Most parachutes have a back-up emergency parachute activation device which starts to open the reserve parachute at approximately 700 feet above ground level. This would allow a safe landing; however, the parachute takes several seconds to open, such that during an emergency the parachute probably will not open before 400 feet above ground level when using the emergency activation device.

The risks to a parachutist who opens low, whether due to an emergency or makes a miscalculation, of entangling with the tower and being killed exists and is significant, and must be addressed.

In addition, one aspect of parachuting opening is the fact that students occasionally are trained and those students are not as cognizant as to the effect of wind or the operation of the parachute and therefore occasionally make mistakes and do not fly the approach to land where they are supposed to. The risks of students becoming entangled and killed exists and must be studied prior to any construction.

Please provide a copy of this letter to your financial institutions and insurance agents so the risk to aviation that your facilities are introducing to the local airspace are clearly understood and managed accordingly. In the event of any incident or accident this letter and any inclusions in the registered letter will be forwarded to the potential Plaintiffs and your Insurers.

In addition it is the position of CSPA that any land use or environmental study or review must include input from the CSPA. As such, it is CSPA's position that any land use or environmental study or review that does not include CSPA and the local drop zone operator is not complete and therefore open for review.

A formal letter will be sent to you, the Ministry of the Environment, Transport Canada, the Canadian Environmental Assessment Agency and their respective government ministers and opposition critics via registered mail. I would be more than happy to have a copy sent to your insurance and legal counsel if you could provide me with their contact details; in order to save you time and energy. Further communications to the CSPA should be directed either to myself, Pat Floyd or our National Office.

Yours	Truly,

David Hodge

President | Président Eastern Regional Director | Directeur régional de l'Est Canadian Sport Parachuting Association Association Canadienne de Parachutisme Sportif

## via Email

- cc. Skydive Burnaby
- cc. Township of Wainfleet Staff members
- cc. Loeffen Farms
- cc. Tom Lewis IPC Energy
- cc. Terry Hawrysh IPC Energy
- cc. Jonathan Veale Morrison Hershfield
- via Registered Letter with further explanation
- cc. Ministry of the Environment, Ontario
- cc. John Wilkinson Minister of the Environment
- cc. Helena Jaczek Parliamentary Assistant to the Minister of the Environment
- cc. Toby Barrett Official Opposition PC Critic, Environment
- cc. Peter Tabuns NDP Critic, Environment
- cc. Transport Canada
- cc. The Honourable Chuck Strahl Minister of Transport, Infrastructure and Communities *Pending Election Results*
- cc. Canadian Environmental Assessment Agency
- cc. The Honourable Peter Kent Minister of the Environment Pending Election Results

# **Britney Pringle**

From: Tom Lewis <Tom@ipcenergy.ca>
Sent: Friday, April 13, 2012 3:41 PM
To: tara@skydiveburnaby.com
Cc: Britney Pringle; John Andrews

Subject: Wainfleet Wind Energy Project Notice of Public Open House #2

Attachments: Skydive Burnaby Lttr April.13.2012.pdf; Wainfleet Landuse Site Plan.pdf; PN-2279-

MORR Niagara FINAL (53985).pdf

Tara,

Attached, Please find a copy of the letter I delivered to your business today advising of the upcoming Public Open House #2 for the Wainfleet Wind Energy project.

As always if you have any questions feel free to contact me directly.

Regards,

# Tom Lewis

**Project Manager** IPC Energy

Office: 905.607.1016 Ext.229

Fax: 905.607.5995



Please consider the environment before printing this email.



April 13, 2012

Skydive Burnaby 11631 Burnaby Rd. Wainfleet, ON. LOS1VO C/o Attention Mike and Tara Pitt (Hand Delivered)

Re: Wainfleet Wind Energy Notice of Public Open House #2

Dear Mr. & Ms. Pitt

This letter is to advise of the upcoming Wainfleet Wind Energy projects public meeting # 2. As you know Wainfleet Wind Energy Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the *Environmental Protection Act (ACT)* Part V.O.1 and Ontario Regulation 359/09 (Regulation).

#### Meeting Location:

**DATE:** June 19, 2012 **TIME:** 3:00 p.m.-8:00 p.m.

PLACE: Township of Wainfleet, Firefighters Memorial Hall, 19M7 Park Street, Wainfleet, Ontario,

**LOS 1VO** 

This meeting will be in an Open House format allowing attendees to visit any time during the event.

The Draft Project Description Report titled Wainfleet Wind Energy Project Draft Project Description Report describes the project as a wind energy facility, with 5 wind turbines proposed. The Vestas V100 1.8 MW turbine model has been selected as the preferred turbine model. A written copy of the Draft Project Description Report was made available for public inspection on July 22, 2010 at the Township of Wainfleet Clerk's Office (31940 Hwy. #3, P.O. Box 40, Wainfleet, Ontario, LOS 1V0). The draft Project Description Report can also be viewed electronically on the project website at www.wainfleetwindenergy.ca

Further, on behalf of Wainfleet Wind Energy Inc. the study team has prepared the following supporting documents in order to comply with the requirements of the Act and Regulation: Construction Plan Report, Design and Operations Report, Wind Turbine Specifications Report, Decommissioning Plan Report, Natural Heritage Assessment Report, Environmental Impact Study, Cultural Heritage Assessment Report, Archaeology Assessment Report, Noise Assessment Report. Written copies of the draft supporting documents are currently available for public inspection at the following locations:

- Township of Wainfleet, Clerks Office, 31940 Hwy. #3,
   P.O. Box 40, Wainfleet, Ontario, LOS 1V0
- Wainfleet Township Public Library, 31909 Park Street, P.O. Box 118, Wainfleet, ON LOS 1V0
- Or electronically at www.wainfleetwindenergy.ca

To learn more about the project proposal, public meetings, or to communicate concerns please visit the project's website at www.wainfleetwindenergy.ca .

Attached to this letter please find:

- Wainfleet Wind Energy's Notice of Public Open House #2 June 19<sup>th</sup> 2012
- Land use Map (proposed turbine layout)
- Public Open House # 1 Comments received from Sky Dive Burnaby August 24<sup>th</sup> 2010

As always if you have any other questions or concerns please feel free to contact me directly. Also, for your records I have included your initial Comment Sheet from our Public Open House # 1 and we welcome any additional feedback you may have with respect to this project.

Kind Regards,

Project Manager

**IPC Energy** 

Cc. John Andrews, IPC Energy Britney Pringle, Morrison Hershfield

## **COMMENT SHEET**

# RENEWABLE ENERGY APPROVAL FOR THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #1

Tuesday, August 24, 2010
Township of Wainfleet, Firefighters Memorial Hall
19M7 Park Street, Wainfleet, Ontario

Thank you for attending the first Public Open House for the Wainfleet Wind Energy Project. Please take a minute to complete this brief comment sheet. You are welcome to comment on any aspect of the project which you consider to be important. All comments will be carefully considered. You may drop your completed comment sheet in the box provided or mail or fax by **September 24, 2010**, to:

10

Sunny Gaila Project Manager IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario L5N 5R1 Tel.: (905) 607-1016

Fax: (905) 607-5995

Email: Sunny@ipcenergy.ca

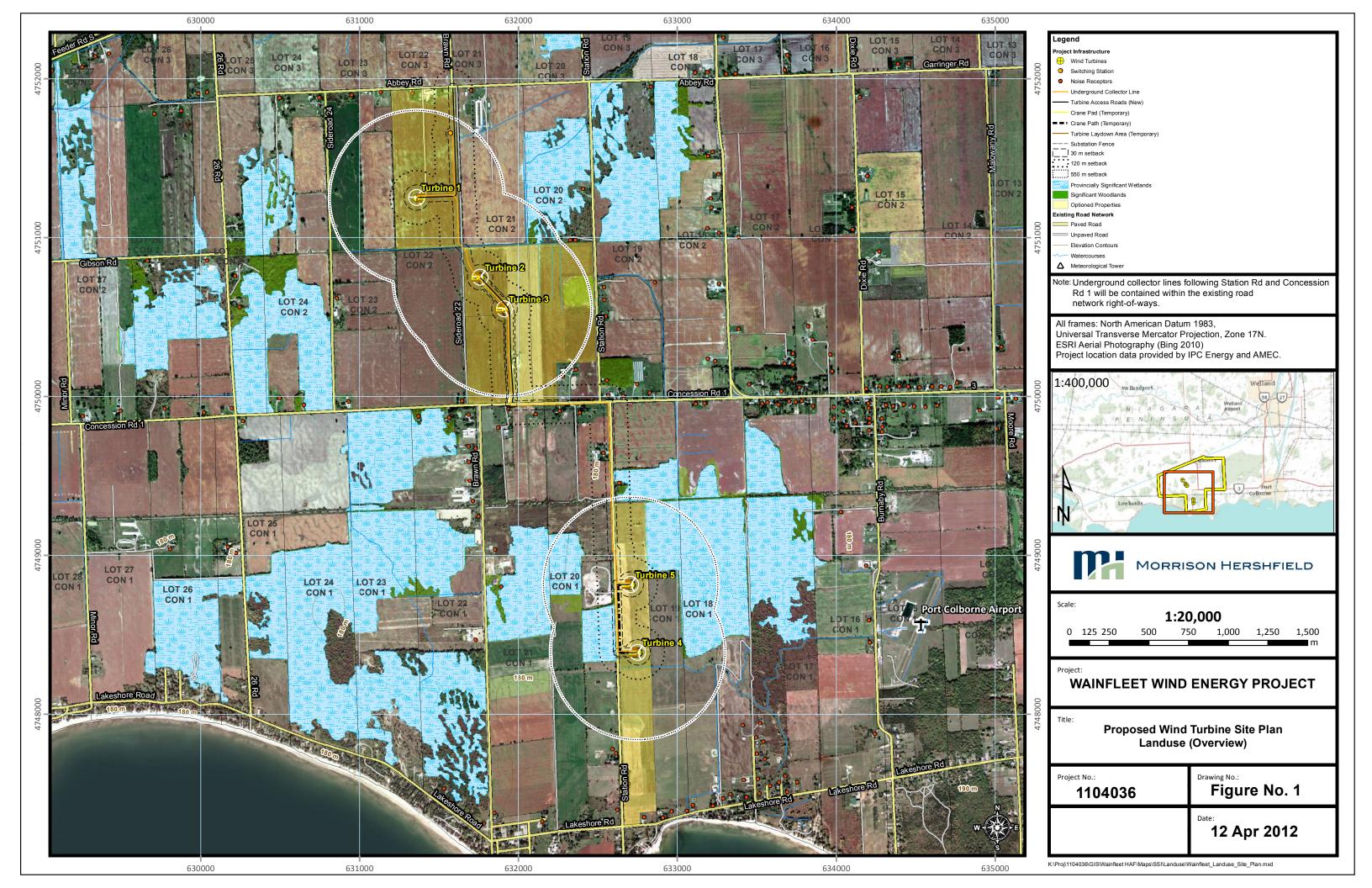
Jonathan Veale
Environmental Planner
Morrison Hershfield
Wainfleet Wind Energy Project
235 Yorkland Boulevard, Suite 600
Toronto, Ontario M2J 1T1

Tel.: (416) 499-3110 Fax: (416) 499-9658

Email: iveale@morrisonhershfield.com

Email: Sulfry Sipechergy.ca	Email: [veale & mornsonnersmield.com
What aspect of the project are you most interested	Lin?
Mainly the positioning	of the windmills from
our skydiving school Too	
established since 19	61.
From your perspective, what is the most important project?	consideration in developing this wind
	of turbulance thatit
will create towards	our position for our
jumpers and their safe and the placement of the w is there additional information that you would like	ty. Also this is our lively has indmils is serious to us to learn about this project?
	bout the down wind
turbulance caused b	y the windmills.
Do you have any comments regarding this Public (	
presented, help received on understanding the pro	lect, opportunity to ask questions)

How would you describe the nature of your interest in this project?
Member of the General Public (including resident)
Member of an Interest Group (Please specify:)
Agency Representative (Please specify: Skydline Burnaby Hod.
Other (Please specify:)
Do you plan on attending the second Public Open House in the Fail? (Please circle): Yes No
Would you like to receive correspondence about this project? (Please circle) Yes No
Additional Comments for the Study Team;
with turbines west of the parachute aerodrome
this would be havock to the safety of our
parachutists.
- Consider north of Huy #3
-Consider Transport Canada's Standard
17 GA 4.0 obsticale clearance
- our Standard to turbulance is lox the
height of the obstacle
380m × 10 = 3800m min distance to
avoid turbulance for parachutists
Thank you for your participation. Your responses to these questions will help us to improve the design of the project.
Comments will be maintained on file for use during the study and may be included in study documentation. With the exception of personal information, all comments will become part of the public record.
PLEASE PRINT CLEARLY
NAME: Mike + Tara Pitt ouners of Skydive Burnaly
ADDRESS: 11531 Burnauby Rd
CITY: RR#2 Wainfleet POSTAL CODE: LOS 100
TELEPHONE: 905 899-4361 EMAIL: +am @ Skydiveburraby (Ca)





## **NOTICE OF PUBLIC MEETING #2**

## To be held by Wainfleet Wind Energy Inc. regarding a proposal to engage in a Renewable Energy Project

**Project Name: Wainfleet Wind Energy Project** 

Project Location: Township of Wainfleet, Niagara Region, Ontario

Dated at: Wainfleet this the 18th day of April 2012

**Wainfleet Wind Energy Inc.** is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the *Environmental Protection Act (ACT)* Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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.

#### **Meeting Location:**

**Date:** June 19, 2012 **Time:** 3:00 p.m. - 8:00 p.m.

Place: Township of Wainfleet, Firefighters Memorial

Hall, 31907 Park Street, Wainfleet, ON

L0S 1V0

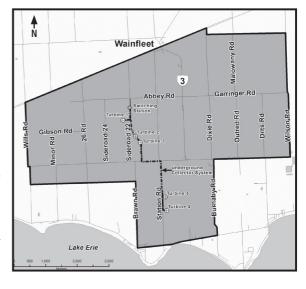
The meeting will be in an Open House format allowing attendees to visit any time during the event.

#### **Project Description:**

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total maximum name plate capacity of 9 MW. The project location is described in the map.

#### **Documents for Public Inspection:**

The Draft Project Description Report (PDR) titled Wainfleet Wind Energy Project Draft Project Description Report describes the project as a wind energy facility, with 5 wind turbines proposed. The Vestas V100 1.8 MW turbine model has been selected as the preferred turbine model. A written



copy of the PDR was made available for public inspection on July 22, 2010 at the Township of Wainfleet Clerk's Office (31940 Highway #3, P.O. Box 40, Wainfleet, ON LOS 1V0). The PDR can also be viewed electronically on the project website at **www.wainfleetwindenergy.ca**.

Further, on behalf of Wainfleet Wind Energy Inc. the study team has prepared the following supporting documents in order to comply with the requirements of the Act and Regulation: Construction Plan Report, Design and Operations Report, Wind Turbine Specifications Report, Decommissioning Plan Report, Natural Heritage Assessment Report, Environmental Impact Study, Cultural Heritage Assessment Report, Archaeology Assessment Report and Noise Assessment Report. Written copies of the draft supporting documents are currently available for public inspection at the following locations:

- Township of Wainfleet, Clerk's Office, 31940 Highway #3, P.O. Box 40, Wainfleet, ON LOS 1V0
- Wainfleet Township Public Library, 31909 Park Street, P.O. Box 118, Wainfleet, ON LOS 1V0
- · Or electronically at www.wainfleetwindenergy.ca

#### **Project Contacts and Information:**

To learn more about the project proposal, public meetings or to communicate concerns, please visit the project's website at **www.wainfleetwindenergy.ca** or contact:

Mr. Tom Lewis Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, ON L5N 5R1 tel: 905-607-1016

fax: 905-607-5995 e-mail: tom@ipcenergy.ca Ms. Britney Pringle Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600 Toronto, ON M2J 1T1 tol: 416-499-3110

tel: 416-499-3110 fax: 416-499-9658

e-mail: bpringle@morrisonhershfield.com



April 13, 2012

Mr. Mikel Joseph Pitt 11531 Burnaby Rd, RR 2 Wainfleet, Ontario L0S 1V0

Dear Mr. Pitt:

Re: Notice of Public Meeting #2 for the Wainfleet Wind Energy Project

Wainfleet Wind Energy Inc. is planning to develop and construct a wind energy project in the Township of Wainfleet, in Niagara Region, Ontario. Wainfleet Wind Energy Inc. has retained IPC Energy to develop the project. IPC Energy has retained Morrison Hershfield Limited (MH) to perform the necessary environmental studies and consultation. The project is subject to the provisions of the *Environmental Protection Act of Ontario* ("the Act") Part V.0.1. and Ontario Regulation 359/09 ("the Regulation") which addresses Renewable Energy Approvals ("REA"). This notice is being distributed in accordance with section 15 of the Regulation.

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Energy Facility. If approved, this facility would have a total of five (5) turbines with a maximum name plate capacity of 9 MW. The project location is described in the map in the attached notice.

The purpose of this letter and attached notice is to inform you that Wainfleet Wind Energy Inc. proposes to engage in this wind energy project, how you can obtain further information on the project, and to invite you to attend the Project's Second Public Open House.

If you are interested, and would like to learn more about any aspect of this project, please attend our Public Open House. Your participation is an important part of our consultation process. We are interested in incorporating your input in to the project's design, where technically and economically feasible. The Public Open House will provide you with the opportunity to meet the project team, learn about the REA process, and provide comments and questions regarding the project. We appreciate your input and welcome your attendance at the Public Open House scheduled for:

Date: **June 19, 2012** Time: **3:00 pm to 8:00 pm** 

Location: Township of Wainfleet, Firefighters Memorial Community Hall

31907 Park Street, Wainfleet, Ontario, LOS 1V0

**For More Information:** If you are unable to attend the Public Open House or wish to learn more about the proposed project, public meeting, or to communicate questions or comments, please contact us.

## Yours truly,

#### Mr. Tom Lewis

Project Manager, IPC Energy Wainfleet Wind Energy Project 2550 Argentia Road, Suite 105 Mississauga, Ontario, L5N 5R1

Office: (905) 607-1016 Fax: (905) 607-5995 E-mail: tom@ipcenergy.ca

### **Ms. Britney Pringle**

Environmental Planner, MH Wainfleet Wind Energy Project 235 Yorkland Boulevard, Suite 600

Toronto, Ontario, M2J 1T1 Office: (416) 499-3110 Fax: (416) 499-9658

E-mail: bpringle@morrisonhershfield.com

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### **Britney Pringle**

From: Tom Lewis <Tom@ipcenergy.ca>
Sent: Friday, June 01, 2012 3:06 PM

To: Mike and Tara Pitt

**Cc:** John Andrews; Britney Pringle

Subject: RE: Wainfleet Wind Energy Project Notice of Public Open House #2

Follow Up Flag: Follow up Flag Status: Flagged

Tara,

The only day that I am available next week is Thursday however, I can accommodate both morning or afternoon.

Please advise if that works with you and what time would be best.

Regards,

Tom Lewis

Project Manager IPC Energy

Office: 905 607 1016 Fax: 905 607 5995

**From:** Mike and Tara Pitt [mailto:pneumatic.sports@sympatico.ca]

**Sent:** May-30-12 11:41 AM

To: Tom Lewis

Subject: Re: Wainfleet Wind Energy Project Notice of Public Open House #2

Hi Mr. Lewis,

Unfortunately we can't make either of these dates. Do you have any openings for next week? Let me know

Thanks Tara

---- Original Message -----

From: Tom Lewis
To: Mike and Tara Pitt

Cc: John Andrews; Britney Pringle

Sent: Wednesday, May 23, 2012 10:52 AM

Subject: RE: Wainfleet Wind Energy Project Notice of Public Open House #2

Ms. Pitt,

As a follow up to my correspondence on May 3<sup>rd</sup>, 2012, may I propose the following dates for us to meet?

Wed May 30<sup>th</sup>, or Thurs May 31<sup>st</sup> (Morning or Afternoon)

If you are unable to meet on the above dates provided would you please suggest a more suitable meeting date and we will do our best to try and accommodate your schedule.

Regards,

Tom Lewis

Project Manager IPC Energy

Office: 905 607 1016 Fax: 905 607 5995

From: Tom Lewis

**Sent:** Thursday, May 03, 2012 1:55 PM

**To:** Mike and Tara Pitt

Cc: Britney Pringle; John Andrews

**Subject:** RE: Wainfleet Wind Energy Project Notice of Public Open House #2

Dear Mrs. Pitt,

Thank you for acknowledging that you received our recent correspondence regarding the Wainfleet Wind Energy Project and notice of the project's upcoming second public open house. The purpose of our correspondence was to ensure that you were made aware of the project's upcoming meeting and to reestablish a constructive dialogue between both parties.

At this time we would like to meet in person with you to discuss your concerns regarding the proposed location of Turbines 4 and 5, and how we may work to resolve them. We would also like to take this opportunity to note that the Proponent will continue to consult with Transport Canada and NAV Canada to ensure that the Project's facility meets their regulatory requirements of aviation safety/lighting.

Please advise of a suitable meeting date that is convenient for you and we will do our best to try and accommodate your schedule.

Regards,

Tom Lewis
Project Manager
IPC Energy

Office: 905.607.1016 Fax: 905.607.5995



Please consider the environment before printing this email.

**From:** Mike and Tara Pitt [mailto:pneumatic.sports@sympatico.ca]

**Sent:** Monday, April 30, 2012 11:34 AM

**To:** Tom Lewis

**Subject:** Re: Wainfleet Wind Energy Project Notice of Public Open House #2

Mr. Lewis,

We have received your most recent emails in regards to the progress of the Industrial Wind Turbines proposed for Wainfleet.

Our concerns remain the same and the safety of our customers remain the same as well. The proposed location for Turbines #4 and #5 for Station Road are to close to our landing area for our jumpers.

The President of the Canadian Sport Parachute Association David Hodge had sent IPC Energy a registered letter stating the safety concerns that our governing body have issues with and these issues again remain the same.

We are always available to go over and discuss possible alternatives. What you need to understand is that we drop our jumpers from the calculations we get from the "upper winds" and the location of proposed Turbines 4 and 5 are in the direction that our jumpers are dropped 80% of the time. This has been made clear from day one and will continue to be the fact because its just that, the facts of the winds.

Thank you for your time. Tara Pitt Skydive Burnaby 905-899-1528

---- Original Message -----

From: Tom Lewis

To: tara@skydiveburnaby.com; pneumatic.sports@sympatico.ca; mike@skydiveburnaby.com

Cc: <u>Britney Pringle</u>; <u>John Andrews</u> Sent: Friday, April 27, 2012 12:22 PM

Subject: Wainfleet Wind Energy Project Notice of Public Open House #2

Mike and Tara,

I have noticed that over the course of the last few years you have provided various email when corresponding with IPC Energy and the development team of the Wainfleet Wind Energy project.

In an effort to ensure that you have received the materials send via email to <a href="mailto:tara@skydiveburnaby.com">tara@skydiveburnaby.com</a> (as attached) and hand the delivered to your residence on April 13<sup>th</sup> 2012 I have decided to forward all correspondence to every email account we have on file for you.

Also, for your information hard copies of all Wainfleet Wind Energy's REA reports, including all draft project materials have been provided to the Township and Local Library for review. You will also find a digital copy available for personal download on the project's website at <a href="https://www.wainfleetwindenergy.ca">www.wainfleetwindenergy.ca</a>.

As always if you have any questions about the project or comments please do not hesitate to contact me directly.

Regards,

Tom Lewis
Project Manager
IPC Energy

Office: 905.607.1016 Fax: 905.607.5995



## **Britney Pringle**

From: John Andrews <john@ipcenergy.ca>
Sent: Tuesday, June 12, 2012 11:56 AM
To: Mike and Tara Pitt

To: Mike and Tara Pitt
Cc: Britney Pringle
Subject: Malcolm Allen Letter

Attachments: Reply to Allen.pdf; Lette rfrom Malcolm Allen.pdf

#### Dear Mike and Tara

Please find attached a letter of response to Malcolm Allen that was sent today. I have also copied everyone on his cc list as well. This material will of course, also be included in the public consultation material as part of our total Renewable Energy Approval.

Regards, John

John Andrews, President



Tel: 905-607-1016 Fax: 905-607-5995

**IPC Energy** 

**Parliament** 

Room 1020, La Promenade Building Ottawa, Ontario K1A 0A6

Tel: 613.995.0988 Fax: 613.995.5245



Pièce 1020, Édifice La Promenade Ottawa (Ontario) K1A 0A6

> Tél: 613.995.0988 Téléc: 613.995.5245

Constituency

60 King Street, Unit 102 Welland, Ontario L3B 6A4

Tel: 905.708.2204 Fax: 905.788.0071

> IPC President John Andrews 2550 Argentia Rd. Suite 105 Mississauga, ON L5N 5R1

May 31, 2012

Dear Mr. Andrews,

Malcolm Allen

Member of Parliament / Député Riding of Welland / circonscription de Welland 60, rue King, bureau 102
Welland (Ontario) L3B 6A4

Tél: 905.788.2204 Téléc: 905.788.0071

I am writing on behalf of my constituents, Mike and Tara Pitt, who requested my assistance in their difficult and stressful situation. Mr. and Mrs. Pitt are the owners/operators of Skydive Burnaby, located at 11631 Burnaby Rd, Wainfleet, Ontario. The business has been in existence since 1961.

They are concerned regarding the proposed IPC Energy Industrial Wind Farm project near the Township of Wainfleet. Specifically they are alarmed by the proximity of the proposed turbines # 4 and #5 for Station Road. These turbines would be approximately I.7km up wind from the Skydive Burnaby landing area. The fact that these turbines would be up wind from the landing area will pose a serious threat to their operations and customers

Skydive Burnaby attracts over 2,000 tourists to the Niagara Region every year. They also contribute significantly to the local economy by referring their tourists to fellow local businesses. Their livelihood would be put in extreme hardship should the turbines be placed so close to the landing area. I believe it is not your intention to construct a wind energy facility that would negatively impact the surrounding community.

I am confident that you will review this matter would your most thorough and indulgent consideration. If you require any additional information do not hesitate to contact my office.

Sincerely,

Malcolm Allen Member of Parliament Welland Riding

Malah Allen

Cc: Mike and Tara Pitt
Tom Lewis, IPC Energy Planning
Doris Dumas, Director of Environment Approvals Access and Service Integration Branch



malcolm.allen@parl.gc.ca http://www.malcolmallen.ca/ Agatha Garcia Wright, Director of Environmental Approvals Branch Narren Santon, Senior Program Coordinator, Ministry of Environment Helena Jaczek, Parliamentary Assistant to the Minister of the Environment Michael Chan, Ministry of Tourism Chris Bentley, Minister of Energy



June 8, 2012

Hon. Malcolm Allen, MP Room 1020, La Promenade Building Ottawa Ontario K1A 0A6

Dear Mr. Allen

I thank you for your letter regarding your local constituents Mike and Tara Pitt. It is good to see a Federal MP who takes an interest in local residents from their constituency.

As you are no doubt aware, regulation of wind farms is a Provincial matter, however, we recognize that Transport Canada and NAV Canada, who are both Federal agencies, are stakeholders in the project and therefore IPC Energy has worked very closely with these agencies to ensure that our project meets or exceeds their requirements for transportation safety. We have received instructions from Transport Canada as to the requirements for lighting of the towers and we have had clearance from NAV Canada regarding transportation safety for this project.

With regard to the specific concerns of the Pitts, IPC has gone to great lengths to accommodate their concerns. Firstly, we met with Mr,, Pitt in September of 2009 when were in the very early stages of planning and development and asked if he had any concerns about locating wind turbines in proximity of his business. He indicated that as long as we kept to the west side of Station Road that he was ok with it. We had planned on locating one of the turbines east of Station Road within 1 km of their drop zone, however, due to their concerns we moved that tower completely out of the area to a distance of greater than 2 km. The new location does not have the same wind resource as the original and therefore it reduced the economics of the project, however, safety was our first concern.

During our first open house Mr. Pitt left a comment on the form we provided to the public stating that his requirement was that we did not place the wind turbine within 10 times the height of the turbine. If we consider from the ground to the very tip of the blade in a vertical position, 10 times this distance is 1,400 metres. Our closest turbine is over 1,700 metres from his drop zone so we have well exceeded his requirement, yet Mr. Pitt continued to object.

In a further attempt to accommodate their concerns the project owners offered 2 alternate landing sites at no cost, to the Pitts as well as some financial assistance over 5 years for training and transportation from the alternate site. The Pitts refused this offer and when our lawyer contacted theirs in order to attempt a further negotiation, their lawyer simply

hung up on ours and advised his clients not to negotiate with us. This all concluded in early 2011.

Recently we extended an invitation again to the Pitts to sit down and attempt to resolve the issue, however, to date we have not had a confirmation from them as to a suitable time to meet.

IPC has also investigated jump schools in many other countries and the most stringent setback we found was in England where they recommend 1.4km, however, this is only a recommendation and not a regulation. Our own Federal Ministry of Transportation does not regulate jump schools which I am sure you are aware of if you have investigated this matter to any degree, but recommends a setback of 100m from all obstacles including transmission lines, towers, etc from the drop zone for beginners. This is a far cry from the setback we have provided.

Under the circumstances, we believe that we have been more than reasonable in our dealings with this issue, however, if you feel that there is need for further discussion with your office I would be more than willing to sit down personally to discuss this matter at your convenience.

Yours truly,

John Andrews, President

Cc: Mike and Tara Pitt

Doris Dumais, Director of Environment Approvals Access and Service Integration Branch

Agatha Garcia Wright, Director of Environmental Approvals Branch Narren Santos, Senior Program Coordinator, Ministry of the Environment Michael Chan, Ministry or Tourism Chris Bentley, Minister of Energy

## **COMMENT SHEET**

# THE WAINFLEET WIND ENERGY PROJECT PUBLIC OPEN HOUSE #2

Tuesday, June 19, 2012
Township of Wainfleet, Firefighters Memorial Hall
31907 Park Street, Wainfleet, Ontario

Thank you for attending the second Public Open House for the Wainfleet Wind Energy Project. Please take a minute to complete this brief comment sheet. You are welcome to comment on any aspect of the project which you consider to be important. All comments will be carefully considered. Once complete, please drop your comment sheet in the box provided.

1. How did you hear about the public meeting? (Circle all that apply) a) Newspaper Advertisement b) Letter c) Word of mouth d) Project Website e) Other, please specify:
2. What is your main reason for attending?  SITE TOURS IN PESPECT to OST Skydiving  TACILITIES.
3. What questions or concerns did you have regarding this project?  5Ame As ABQUE.
4. Where your questions or concerns answered to your satisfaction? If no, please explain.
NO Not any person over asked to talk to me or even sain his
5. From your perspective, what should be the most important consideration in developing this wind energy project?  The SAFLY OF OW PAVACHTES

Be more social,
6. Additional Comments for the Project Team:
Respect local Bylaws.
7. Would you like to receive any future correspondence about this project? (Please circle): Yes / No
PLEASE PRINT CLEARLY  NAME: MIKE PITT  ADDRESS: 103 BUYNCL BY POSTAL CODE: LOS 100
TELEPHONE: 905 899 4361 EMAIL: MKO SKY DISEBURNALY COM

7. How could we have improved this Public Open House?

Thank you for your participation. Comments will be maintained on file and will be included in study documentation. All personal information and comments provided will become part of the public record.

### **Britney Pringle**

Subject: RE: Meeting

----Original Message-----

From: pneumatic.sports@sympatico.ca [mailto:pneumatic.sports@sympatico.ca]

Sent: July 10, 2012 1:00 PM

To: John Andrews
Subject: Re: Meeting

Good day Mr. Andrews,

Sorry we haven't been able to set a time with you and Mr. Lewis as this time is an extremely busy time for us operating 7 days a week.

We still have the same safety concerns with proposed Turbines #4 and #5 with not if something happens but when to a tourist, student jumper or instructor. The prevailing winds 80% of the time come from the west and we drop our jumpers 1 to 3.5 kms away from our airport having them fly over top of those turbines to get back to us. Not to mention an emergency situation when a jumper uses their cypres (automatic opening device). This device will fire the parachute open at 750 feet, takes 3-4 seconds to open bringing them to 450-400 feet right in line, on top of a turbine. We've had many jumpers land in that field of the proposed turbines #4 and #5 so this is a very serious safety concern with lives at stake. We have said this from day one and continue to do so because its the facts.

This project will have a huge negative impact on our survival and the safety of our jumpers will be impacted. Not to mention the impact on the tourism in this area. I don't know what more we can say to make you realize this.

The Loeffens offered additional land north of our site to use however we can't just drop jumpers wherever we please, we have a designated area in which Transport Canada approves of. They also offered a sum of money to educate the public on the good of Turbines. We declined that offer because again this business is about safety and has been for over 55 years and not just dropping people wherever. The upper and lower winds tell us where we drop our jumpers to safely get back to our designated landing site.

So at this time I'm not sure what a meeting will do to help resolve this matter. If the turbines get approved, you may shut our operations down and ruin our right to make a living! Then other matters will take place.

Regards
Tara Pitt
Skydive Burnaby
Sent wirelessly from my BlackBerry device on the Bell network.
Envoyé sans fil par mon terminal mobile BlackBerry sur le réseau de Bell.

----Original Message-----

From: John Andrews < john@ipcenergy.ca>

Date: Tue, 10 Jul 2012 14:36:21

To: <pneumatic.sports@sympatico.ca>

Cc: <Tom@ipcenergy.ca>; <BPringle@morrisonhershfield.com>

Subject: Meeting

Dear Mr & Mrs Pitt

We have attempted to arrange a meeting on several occasions with you in order to discuss a possible solution to your concerns regarding the wind turbines in the Wainfleet project, however, you have not confirmed a time or date for a meeting.

We are more than willing to meet with you and would suggest July 16th or 18th at any time during the day. Please let us know if this works for you.

Regards,

John Andrews, President ߋĄ

Tel: 905-607-1016 Fax: 905-607-5995

IPC Energy < <a href="http://www.ipcenergy.ca/">http://www.ipcenergy.ca/</a>>