

# Appendix E Correspondence with the Public

## McRae, Elizabeth

From: Male, Sean

**Sent:** Monday, August 09, 2010 12:20 PM

To: 'Ryan Flatters' Cc: 334844

Subject: RE: McCann Solar Project Questions

Dear Mr. Flatters,

Thank you very much for your comments, and your interest in the proposed McCann Solar Project.

The online question form is functioning, and all comments submitted via that forum will receive responses. I apologize that you have not received a response to date.

You are correct that the map initially included in the notice varies from the map shown in the Project Description Report. The map in the Project Description Report has been updated to show the land that will be used for access roads to the facility. I can confirm that at this time we anticipate the extent of solar panels to be restricted to the area shown in the notice (i.e., the solar panels will be set back from McCann Rd.).

Please also be advised that the discussion of environmental considerations associated with the Project that is included in the Project Description Report represents a brief, preliminary assessment of the potential impacts of the Project. A more detailed consideration will be provided within a series of reports that will be available for public review at least 60 days prior to the second Public Information Center and will be posted to the project micro-website (<a href="https://www.northlandpower.ca/mccann">www.northlandpower.ca/mccann</a>).

With respect to decommissioning, Northland Power Inc. is committed to decommissioning the facilities once the life of the Project is complete. Though a trust will not be established for decommissioning, Northland Power is an Ontario-based company with over 22 years of development experience and can be fully expected to maintain the capacity needed to decommission the Project.

For your information, I have confirmed that your mailing information is on the Project mailing list so that you will directly receive any future communications in relation to this Project.

Thank you again for your comment.

Sincerely,

## Sean K. Male, M.Sc.

Environmental Coordinator, Environmental Assessment & Management Tel: +1 905 374 0701 ext. 5280 Niagara Falls, ON

From: rflatters@gmail.com [mailto:rflatters@gmail.com] On Behalf Of Ryan Flatters

Sent: Monday, August 09, 2010 11:10 AM

To: Male, Sean

Subject: McCann Solar Project Questions

Hi there,

I submitted 2 questions early last week concerning the McCann Solar Project on the project website and have yet to receive a reply. Does the online question form work?

If not, I will repeat my questions.

- 1. There appear to be two different maps of the McCann project. One map shows the project extending to McCann road and one map shows the project not reaching the road. Which map is accurate? I have been lead to believe that the project will not extend to McCann road.
- 2. The environmental impact study minimizes most concerns by the fact that the site can be decommissioned when it is obsolete. Will an 'arms length' trust of some sort be established to ensure that sufficient resources are available to properly decommission the site even if Northland Power no longer exists in the future?

Ryan Flatters 784 McCann Road Portland, Ontario K0G 1V0

## McRae, Elizabeth

From: Male, Sean

Sent: Wednesday, July 13, 2011 1:17 PM

To: McRae, Elizabeth

Subject: FW: Twp Rideau Lakes: Solar Projects

## Sean K. Male, M.Sc.

Terrestrial Ecologist, Environmental Assessment & Management Tel: +1 905 374 0701 ext. 5280 Niagara Falls, ON

From: Male, Sean

Sent: Monday, August 16, 2010 11:21 AM

To: 'Nancy & George Ingram'

**Cc:** Ron Holman; Sheldon Laidman; 334844 **Subject:** RE: Twp Rideau Lakes: Solar Projects

Dear Mr. and Mrs. Ingram,

Thank you very much for your interest and comments on Northland Power's proposed solar projects within the Township of Rideau Lakes. Northland Power would also like to thank you for your support for the Projects.

In respect of your concern regarding agricultural land, the Project's will be designed to minimize the potential footprint to the greatest extent possible. Further, as part of the Renewable Energy Approval process, potential impacts to the surrounding environment must be considered, and it is anticipated that through the use of mitigation measures there will be no impact to agricultural lands beyond the Project boundaries.

In respect of potential visual impacts associated with the Projects, Northland Power has noted your concern in this regard. Northland Power is considering visual screening for each Project on a case by case basis. A determination as to whether visual screening will be implemented, and what forms such visual screening may take if implemented, has not been made at this time.

For your information I have added your mailing address to our distribution list so that you will receive any future notices relating to the Projects directly.

Thank you again for your comments, and we hope that you are able to attend our public information centre on August 24<sup>th</sup> at 6:00 p.m. at the Crosby Hall. If you have any further questions, please do not hesitate to contact me.

Sincerely,

#### Sean K. Male, M.Sc.

Terrestrial Ecologist, Environmental Assessment & Management Tel: +1 905 374 0701 ext. 5280 Niagara Falls, ON

From: Nancy & George Ingram [mailto:ingram@rideau.net]

Sent: Sunday, August 15, 2010 12:22 PM

To: Male, Sean

Cc: Ron Holman; Sheldon Laidman

Subject: Twp Rideau Lakes: Solar Projects

Mr Male,

I would like to offer a few comments with regard to the three Renewable Energy Projects proposed by Northland Power in the vicinity of McCann Road, Township of Rideau Lakes ("Crosby Solar Project", "McCann Solar Project" and "Rideau Lakes Solar Project").

At the outset I would like to state that I welcome the development of the three solar projects. They represent a contribution to the Province's move to alternative sources of energy and provide direct economic benefits for the Township of Rideau Lakes.

My concerns are twofold:

In principle I feel that it is important that these projects be designed in such a way that they have minimal impact on useable agricultural land. This includes not only the area actually occupied by the project but also adjacent areas which hopefully could be used for agricultural purposes either now or in future, if so desired. Although, it would appear that the projects occupy fairly marginal farmland, I would request that the existing projects and any future expansion respect this concern.

Secondly I feel that the solar projects should be visually screened from the road. The solar "farms" I have seen to date have been very unattractive --a jarring contrast when encountered on a drive through the countryside; in short, visually, they have a considerable negative environmental impact. This negative impact could be mitigated by screening the projects from the road by sensitive planting or some other means. Obviously the screening would have to be done in such a way that it would not impair the effectiveness of the solar panels and also in such a way that the screening itself did not represent a visual intrusion. (I was pleased to see in the Review Mirror that Mr. Barker, one of the property owners was himself concerned about the visual impact of the project to be located on his property)

I hope that these comments are helpful,

George & Nancy Ingram 122 Scott Lane North Crosby Ward Township of Rideau Lakes

Tel: (613) 272-3604

E-Mail: Ingram@Rideau.net



# **Appendix F Correspondence with Agencies**



Lieu historique national du Canal-Rideau parcscanada.gc.ca

> Rideau Canal National Historic Site of Canada 34 Beckwith Street South Smiths Falls, ON K7A 2A8

September 28, 2010

Attention: Kimberley Arnold, Manager Environmental Services and Renewable Power Hatch 4342 Queen Street, Suite 500 Niagara Falls, Ontario, Canada L2E 7J7

Subject: Northland Power Inc Solar Projects - Crosby, McCann, Rideau Lakes

Dear Ms Arnold:

Thank you for providing Parks Canada with further information regarding the three proposed solar projects, Crosby, McCann and Rideau Lakes, located 0.5km, 1.5km and 1.9km (resp.) from the Rideau Canal.

As you know, the Rideau Canal National Historic Site of Canada, a Canadian Heritage River and a UNESCO World Heritage Site, is administered by Parks Canada to preserve the cultural, natural and scenic values so that all Canadians can enjoy this legacy into the future. All parties have a responsibility to ensure the stewardship and conservation of this internationally recognized waterway. Our comments are offered in the spirit of producing a result that will protect the Rideau Canal and its unique historical setting.

The projects' descriptions, photographs and mapping served to provide a better understanding of the scope, location and impact of the proposed solar projects, and allowed us to make an informed decision. Following a review of the submissions, Parks Canada is satisfied that there will be no negative impacts on the cultural heritage values and viewscape of the Rideau Canal.

If you have any questions on the above, please feel free to contact me.

Best Regards,

Don Marrin Superintendent

Va Mer



3889 Rideau Valley Drive, P.O. Box 599, Manotick, ON K4M 1A5 tel 613-692-3571 | 1-800-267-3504 | fax 613-692-0831 | www.rvca.ca

A member of conservation

Date: June 29, 2010

Our File: 10-RLA-GEN Reference: Barker

Hatch Ltd. 500 - 4342 Queen St Niagara Falls, ON L2E 7J7 Attn: Caleb Coughlin

Subject:

Property Inquiry for the renewable energy project located at Part of Lot 1, Concession 1, in the Township of North Crosby, Rideau Lakes Township,

fronting on McCann Rd.

Dear Mr. Coughlin,

A search of our database indicates that there are currently no outstanding violations or orders on the property that we are aware of in so far as the Rideau Valley Conservation Authority's regulations are concerned. We are unaware of any directives, orders or breaches of regulations with respect to the current use of the property.

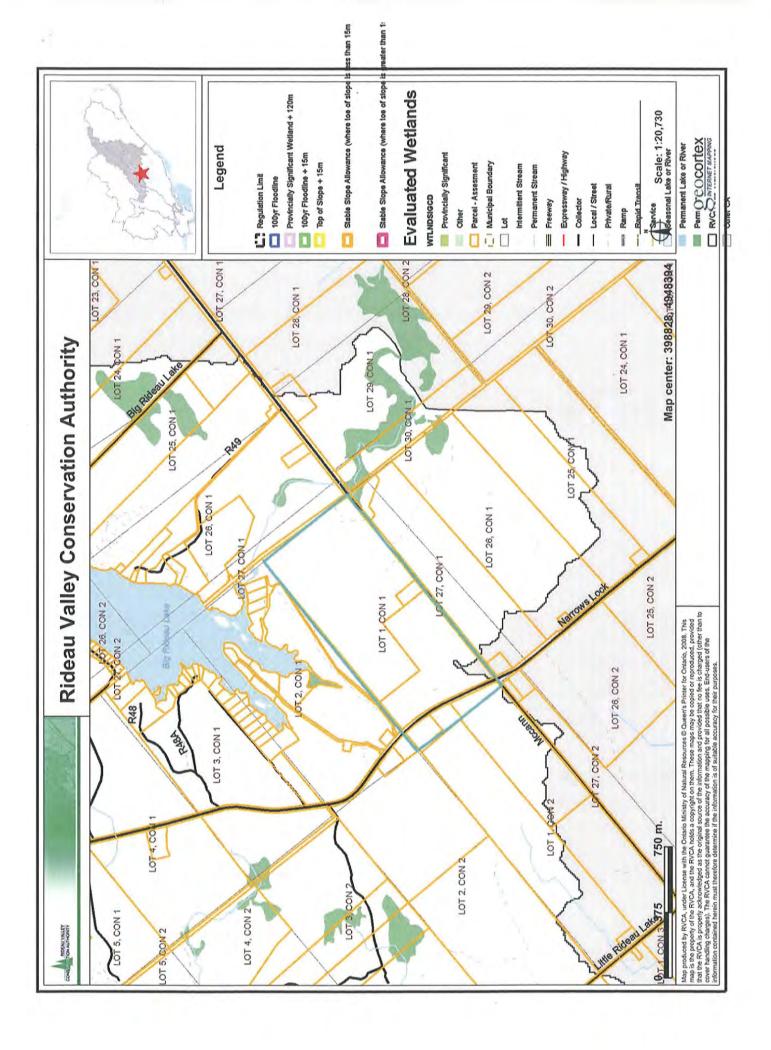
Any watercourse on the site is subject to the Development, Interference with Wetlands and Alteration to Shorelines and Watercourses Regulation. The regulation requires that the owner obtain written approval from the Conservation Authority prior to straightening, changing, diverting or interfering in any way with the channel of the watercourse (this includes watercourse crossings). The Conservation Authority typically requires a 30 metre development setback from the normal highwater mark of any watercourse to protect water quality, prevent erosion, encourage nutrient uptake and to mitigate impacts on fish habitat.

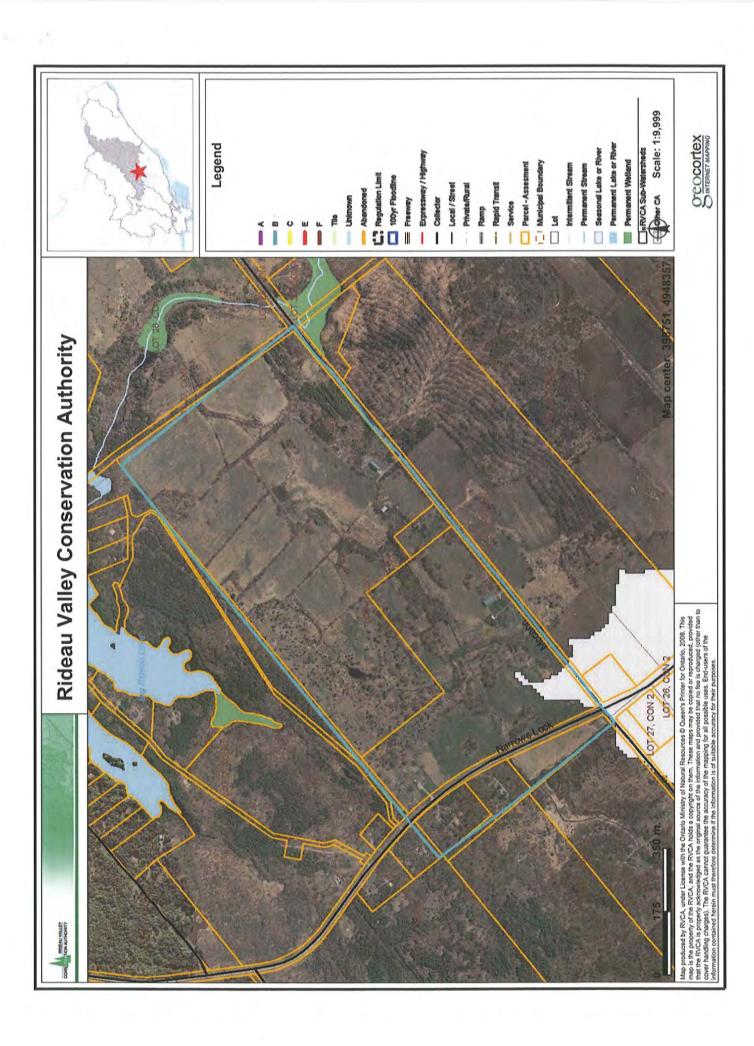
There are no features such as an ANSI (Area of Natural and Scientific Interest) located on the property. Should a *Planning Act* application be submitted to the municipality respecting any future development proposals, the Conservation Authority would likely be circulated the proposal for comments relating to the control of flooding, pollution and erosion. You may wish to contact the Ministry of Natural Resources – Kemptville (613-258-8204) for additional information concerning significant woodlots, wildlife habitat, and endangered species as we currently do not have mapping identifying these features.

The foregoing information is given for your convenience only and relates to the current use of the land. Municipal land use requirements may vary. It should be clearly understood that you must satisfy yourself as to whether the premises and the existing or proposed use thereof is or would be in conformity with all applicable regulations of the appropriate Conservation Authority. Should you have any questions please contact me at (613) 692-3571 x 1132.

Yours truly,

Megan Watters Resource Specialist









April 19, 2011 H334844

Trevor Dagilis, District Manager Kingston District Office Ministry of the Environment 1259 Gardiners Road, PO Box 22032 Kingston, ON K7M 855

## Subject: Notice of Public Meeting - Northland Power Solar McCann L.P - McCann Solar Project

Northland Power Solar McCann L.P (hereafter referred to as "Northland") is proposing to construct a solar project in Township of Rideau Lakes, within the United Counties of Leeds and Grenville, just northeast of the community of Newboro. The proposed project is named the McCann Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland has retained Hatch to assist in fulfilling the requirements of the REA process.

As you are aware, Northland has initiated a public consultation program in support of the Project. This letter is to invite you to an upcoming Public Consultation Meeting. Please find attached a "Notice of Public Meeting", which details the time and date of the planned meeting. This joint Notice will also be published in *The Smiths Falls EMC* and *The Westport Review Mirror* on April 21, 2011 and again on May 19, 2011.

Along with an invitation to a Public Consultation Meeting, this letter is to provide notice that the supporting documents, as per Section 16 (1) are available for your review. These documents include the Natural Heritage Reports, Water Body Reports, Construction Plan Report, Design and Operation Report, Decommissioning Plan Report, Noise Assessment Study and Stage 1 and 2 Archaeology Assessment Report. As well, to aid in your review an executive summary is also provided. These reports are available on line at <a href="https://www.northlandpower.ca/mccann">www.northlandpower.ca/mccann</a> and at the Township of Rideau Lakes municipal office. Further, the information provided in these reports will be discussed during the Public Consultation Meeting on June 22, 2011 at Portland Community Centre, 24 Water Street, Portland, Ontario. We would appreciate any comments, queries or information you may have that are relevant to the proposed Project.

Please direct any correspondence to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd.

4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7

Phone: 905-374-0701, Ext 5280

Fax: 905-374-1157 Email: smale@hatch.ca

Yours truly,

Sean Male, M.Sc. REA Coordinator

SM:mg

Attachment: Notice of Public Meeting: Rideau Lakes and Crosby Solar Project

cc: Mike Lord, Northland Power Tom Hockin, Northland Power







April 19, 2011 H334844

**Doris Dumais** Director, Environmental Assessment and Approvals Branch Ministry of the Environment 2 St. Clair Ave., W, 12A Floor Toronto, ON M4V 1L5

#### **Subject:** Notice of Public Meeting - Northland Power Solar McCann L.P - McCann Solar Project

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Please direct any correspondence to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd.

4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7

Phone: 905-374-0701, Ext 5280

Fax: 905-374-1157 Email: smale@hatch.ca

Yours truly,

Sean Male, M.Sc. **REA Coordinator** 

Attachment: Notice of Public Meeting: Rideau Lakes and Crosby Solar Project

cc: Mike Lord, Northland Power Tom Hockin, Northland Power

#### Ministry of Tourism and Culture

Culture Programs Unit Programs and Services Branch 401 Bay Street, Suite 1700 Toronto, ON M7A 0A7 Telephone: (416)-314-7691

Facsimile: (416)-314-7175 Email: lan.Hember@ontario.ca Ministère du Tourisme et de la Culture

Unité des programmes culturels Direction des programmes et des services 401 Rue Bay, Suite 1700 Toronto, ON M7A 0A7

Téléphone: (416)-314-7691 Télécopieur: 416-314-7175 Email: lan.Hember@ontario.ca



January 11, 2011

Tom Hockin Northland Power Inc. 30 St. Clair Avenue West 17th Floor Toronto, Ontario, Canada M4V 3A1

RE: McCann Solar Generation Facility, Lot 1, Concession 1, Geographic Township of North Crosby, Township of Rideau Lakes, United Counties of Leeds and Grenville, Ontario, FIT-F2EE8ZF, MTC File no. HD00514, PIF No. P007-254-2010.

### **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. Please note that the Ministry makes no representation or warranty as to the completeness, accuracy or quality of the Report(s).\*

## The report(s) recommends the following:

In sum, Findspot 1 has the potential to be archaeologically significant. However, this site lies well away from lands to be impacted by project activities. Accordingly, and in consultation with the proponent and MTC, it was agreed that the findspot could be protected by a combination of avoidance and a project buffer of 20 m (see Appendix A). As a result, it is recommended that the project be allowed to proceed without further heritage concerns.

This report is filed with the Minister of Tourism and Culture as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18. The report will be reviewed to ensure that the licenced consultant archaeologist has met the terms and conditions of their archaeological licence, and that the archaeological fieldwork and report recommendations ensure the conservation, protection and preservation of the cultural heritage of Ontario.

Should previously undocumented archaeological resources be discovered, 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 licenced consultant archaeologist to carry out archaeological fieldwork, in compliance with Section 48 (1) of the Ontario Heritage Act. This condition provides for the potential for deeply buried or enigmatic local site areas not typically identified in evaluations of potential.

Stage 1-2 Archaeological Assessment, Glendale Solar Project (FIT – FAH1BFV), South Glengarry Township, Ontario.

The Cemeteries Act requires that any person discovering human remains must immediately notify the police or coroner and the Registrar of Cemeteries, Ministry of Small Business and Consumer Services. All work in the vicinity of the discovery will be suspended immediately. Other government staff may be contacted as appropriate; however, media contact should not be made in regard to the discovery.

Archaeological sites recommended for further archaeological fieldwork or protection remain subject to Section 48(1) of the Ontario Heritage Act, and may not be altered, or have artifacts removed, except by a person holding an archaeological licence.

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

c. Paul Racher, Archaeological Research 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(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.

## McRae, Elizabeth

From: Matthews, Nathalie (ENE) [Nathalie.Matthews@ontario.ca]

**Sent:** Monday, February 07, 2011 12:06 PM

To: Tom Hockin; Male, Sean

**Subject:** Pre-Construction Survey - Groundwater Monitoring Program

Attachments: ffc-nm-northland power solar farms-preconstruction survey-gmp.pdf

Hi Tom and Sean,

The recommended monitoring program is attached for your review.

If you have any questions, please call or email.

## **Nathalie**

Nathalie Matthews, Provincial Officer Ministry of the Environment Kingston District Office 1259 Gardiners Road, Unit #3 Kingston, Ontario

Telephone: (613) 548-6917

Toll free #: (800) 267-0974, ext. 2674

Facsimile: (613) 548-6920

Email: <u>nathalie.matthews@ontario.ca</u>

Spills Action Centre (800) 268-6060

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#### **Ministry of the Environment**

P.O. Box 22032 Kingston, Ontario K7M 8S5 613/549-4000 or 1-800/267-0974 Fax: 613/548-6908 Ministère de l'Environnement

C.P. 22032 Kingston (Ontario) K7M 8S5 613/549-4000 ou 1-800/267-0974 Fax: 613/548-6908



MEMORANDUM

04 February 2011

TO: N. Matthews

Sr. Environmental Officer Kingston District Office

**Eastern Region** 

FROM: F. Crossley

Hydrogeologist

**Technical Support Section** 

Eastern Region

RE: Pre-Construction Survey – Groundwater Monitoring Program

Northland Power Solar Farms Township of Rideau Lakes

Northland Power is intending to construct three solar farms in the Township of Rideau Lakes. The solar farms are identified as: McCann; Crosby and Rideau Lakes.

Previously two solar farms were constructed in the Township of Rideau Lakes (Geographic Region of South Elmsley). This Ministry received numerous groundwater quality complaints during the construction of the solar farms. The groundwater quality complaints were related to the occurrence of "cloudy" (turbid) well water.

This Ministry (Kingston District Office) undertook a groundwater sampling program. This Ministry concluded that the construction activities at the solar farm (Western Solar Farm) adversely impacted (turbid) some nearby water wells (November 17, 2010 Crossley). The impacts are/were related to the construction activities (subsurface drilling program) in a sensitive hydrogeological setting (thin to non existent overburden cover which provides limited attenuation capabilities overlying fractured bedrock).

This Ministry (Kingston District Office) took a proactive approach and contacted Northland Power regarding their proposed construction of three solar farms in the Township of Rideau Lakes. It was agreed that a groundwater monitoring program would be conducted prior to construction activities to acquire background groundwater quality in the vicinity of the proposed solar farms. Northland Power requested that this Ministry provide a recommended groundwater monitoring program.

To this end, the Ministry recommends the following groundwater monitoring program:

- Contact all well owners within 500 metres of the site boundaries prior to the commencement of construction activities and seek permission to undertake a groundwater survey. If permission is granted then:
  - interview the residents regarding well construction, groundwater quality, groundwater quantity and well locations to establish a history of the water well.
  - collect a water well sample from the well after allowing the distribution system to flow for approximately 5 minutes. The sample should be collected prior to any treatment systems ("raw").
  - submit the water sample for analysis to a qualified laboratory. The analysis should be the "subdivision suite" (alkalinity, ammonia, bacteria, calcium, chloride, colour, conductivity, DOC, hardness, iron, magnesium, manganese, nitrite, nitrate, pH, potassium, sodium, sulphate, TDS and turbidity).
  - establish a contingency plan by a qualified person.

The groundwater monitoring program should be conducted under the supervision of a qualified person (P.Eng. or P.Geo.). The survey information should be summarized in a report by a qualified person and a copy forwarded to this Ministry.

In the event that a complaint arises, against the construction activities, Northland Power should repeat the survey at the complainant's residence. The water samples should be submitted as "high priority" to a qualified laboratory. If a problem is confirmed related to the construction activities at Northland Power, then Northland Power should immediately provide bottled water to the impacted party and implement their contingency plan. This Ministry should be notified of any complaints, valid or invalid, and the company's actions to address the complaints.

F. Crossley, P.Geo.

/sh

ec: B. Kaye

P. Taylor

c: File GW-03-06, RILA (Northland Power)

FC/IDS #1100-8D3SEA

## McRae, Elizabeth

From: Male, Sean

**Sent:** Tuesday, March 22, 2011 10:11 AM

To: 'Matthews, Nathalie (ENE)'
Cc: Tom Hockin; 334844

Subject: RE: Pre-Construction Survey - Groundwater Monitoring Program

Attachments: NPI - Wellwater Monitoring Program.pdf

#### Hi Nathalie,

Thanks again for providing this recommended monitoring program. For your information, we took this program and added a bit more detail to produce a draft document entitled "Baseline Well Water Monitoring Program and Construction Response Plan", which was provided to the public at the Final Public Meeting, and will be submitted as part of the REA Application.

I have attached the document to this e-mail for your review. It does not have the map for the McCann Project as of yet, but will once that Project moves towards final PIC. If you have any comments, we would appreciate your feedback so that we could incorporate them into the document.

Thanks,

Sean

## Sean K. Male, M.Sc.

Terrestrial Ecologist, Environmental Assessment & Management Tel: +1 905 374 0701 ext. 5280 Niagara Falls, ON

From: Matthews, Nathalie (ENE) [mailto:Nathalie.Matthews@ontario.ca]

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To: Tom Hockin; Male, Sean

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## Email: nathalie.matthews@ontario.ca

## Spills Action Centre (800) 268-6060

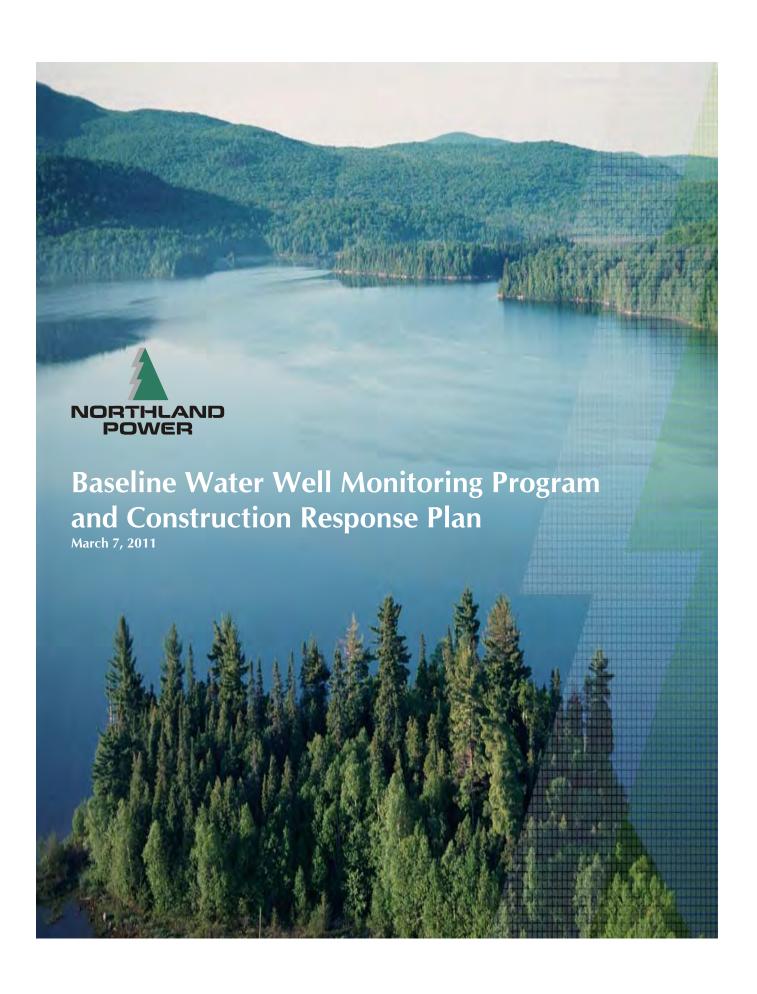
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Northland Power Inc. - Township of Rideau Lakes Solar Projects Baseline Well Water Monitoring Program and Construction Response Plan

**Project Report** 

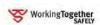
March 7, 2011

# Northland Power Inc. Township of Rideau Lakes Solar Projects

# **Baseline Well Water Monitoring Program and Construction Response Plan**

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Northland Power Inc. - Township of Rideau Lakes Solar Projects
Baseline Well Water Monitoring Program
and Construction Response Plan

## 1. Introduction

Northland Power Inc. (Northland) is proposing to construct three 10-MW solar projects within the Township of Rideau Lakes. These include the:

- Crosby Solar Project
- McCann Solar Project
- Rideau Lakes Solar Project.

Through discussions with the Ontario Ministry of the Environment, Northland has identified a need to conduct baseline well water monitoring at wells in proximity of each Project location. The intent of this monitoring program would be to establish baseline conditions of wells in the area for comparison during construction should a neighbouring well owner identify a concern that their well has been impacted by construction of the Project.

The baseline well water monitoring program, as well as a construction response plan, are outlined below.

## 2. Baseline Well Water Monitoring Program

All water wells within 500 m of the Project location will be identified through the Ministry of the Environment Water Well Records database information.

Once identified, owners of the wells will be identified and contacted by mail. The mailing will include information of the proposed Project, the proposed well water monitoring program, and a survey relating to well conditions.

If the well owner wishes to participate in the well water monitoring program, they will be requested to completed the survey, to the best of their knowledge, within 1 month and return it to Northland. The survey will request information relating to:

- well construction (i.e. dug/drilled, soil/bedrock, steel casing/ concrete; date of construction)
- groundwater quality (i.e., hardness, pH; submission of previous test results is preferred where available)
- groundwater quantity (i.e., has well ever run dry)
- well locations (i.e., number of users, location of septic system).

Once the completed survey is received, Northland will contact the well owner to discuss their survey responses and to arrange a time where a Northland representative can visit their well to obtain a sample.

At the time of the site visit, the Northland representative will:

measure water level in the well, if accessible





Northland Power Inc. - Township of Rideau Lakes Solar Projects
Baseline Well Water Monitoring Program
and Construction Response Plan

- collect two raw water well samples without treatment (after running water for approximately
   5 minutes to clear water distribution pipes or storage tank)
- the first sample will be tested on-site for field measurement of pH, temperature, conductivity.

The second water sample will be sent to a certified laboratory for general potable water quality tests including alkalinity, ammonia, bacteria, calcium, chloride, colour, conductivity, DOC, hardness, iron, magnesium, manganese, nitrite, nitrate, pH, potassium, sodium, sulphate, TDS, TSS and turbidity. If an exceedance of the Provincial Water Quality Objectives (PWQO) is noted for any of these test paramaters, a repeat sample will be obtained and submitted to the laboratory in order to confirm the exceedance.

The well owner will be provided with the results of the laboratory test once received. Northland will maintain a copy of the test results on file as a reference point for the well, and will prepare a summary report of the survey results for the Ministry of the Environment.

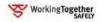
## 3. Construction Response Plan

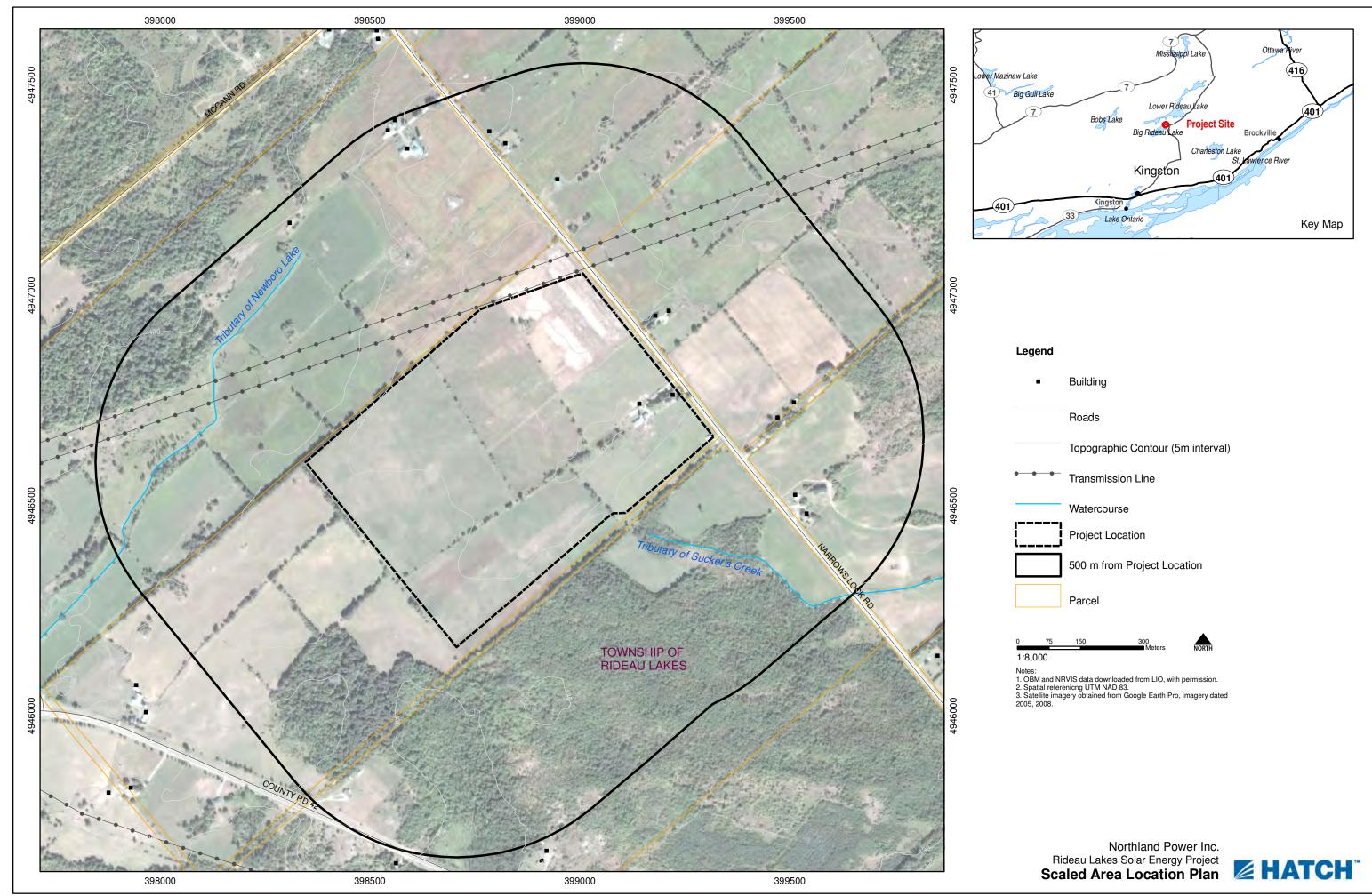
Prior to construction, all well owners within a 500-m radius of the Project location will be provided with contact information for Northland, and instructions that should the well owner identify a concern that their well is being impacted by construction activities, although Northland does not anticipate any impacts on nearby wells, they should contact Northland.

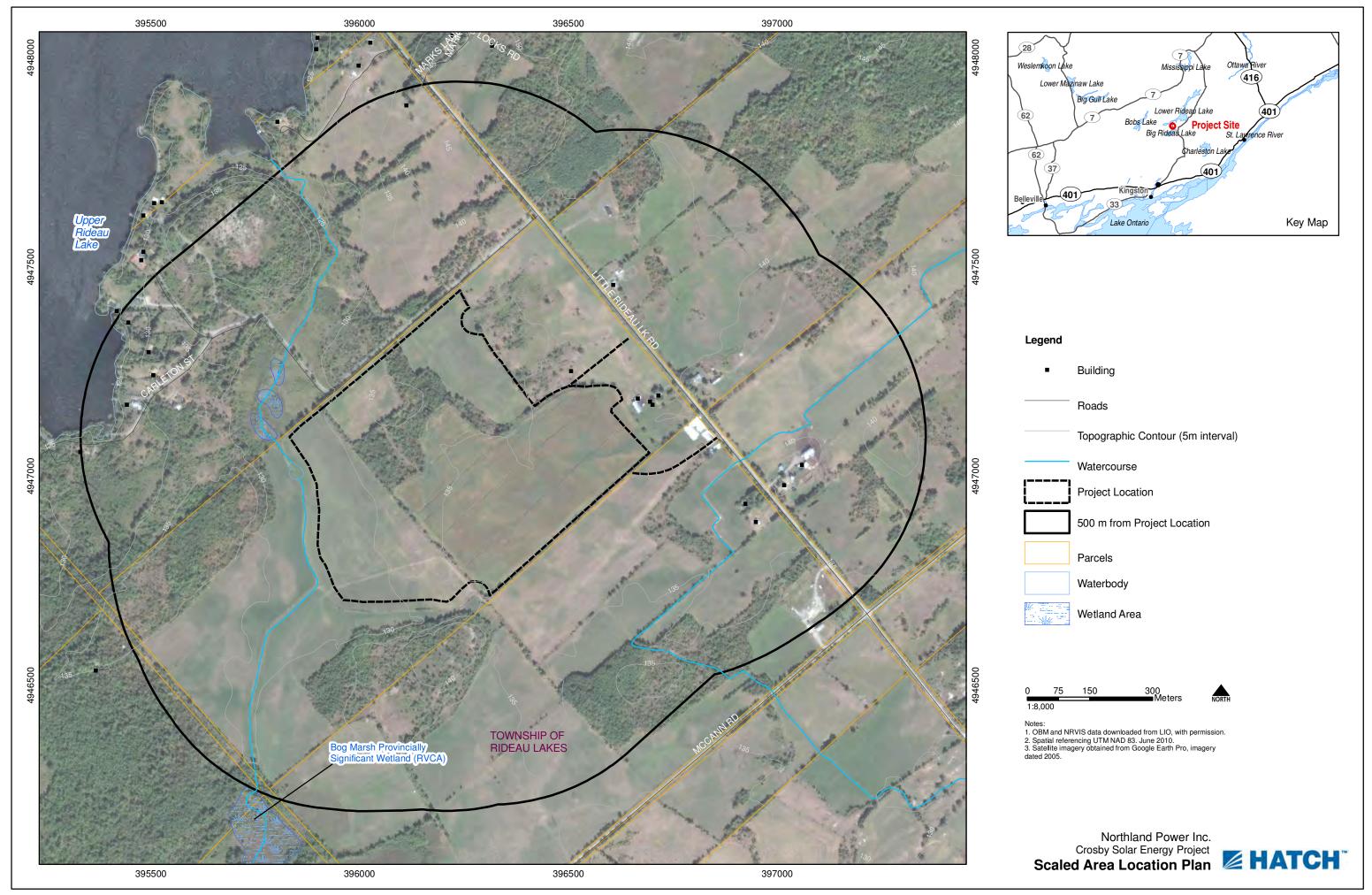
Upon receipt of this call, Northland will dispatch a representative to re-sample the well in accordance with the methodologies outlined in Section 2. The sample will be submitted to the laboratory as "high priority". Northland will also notify the Ministry of the Environment of the call and the results of the test.

If a problem is confirmed as related to the construction activities at the solar project, then Northland will immediately provide a temporary supply of bottled water. Northland will continue providing bottled water and periodically testing the well until such time as no exceedance of PWQO or a return to baseline conditions (in instances where PWQO exceedances were confirmed) are noted within the samples.

In the remote event that a long-term impact to the well is noted and remediation measures, such as flushing the well and water distribution system, fail to remove exceedances of PWQO, Northland will work with the well owner to remedy the situation.







## McRae, Elizabeth

From: Matthews, Nathalie (ENE) [Nathalie.Matthews@ontario.ca]

**Sent:** Thursday, March 24, 2011 9:23 AM

To: Male, Sean

Cc: Tom Hockin; 334844; Hoyle, Warren

Subject: RE: Pre-Construction Survey - Groundwater Monitoring Program

That's what I thought, but we wanted to make sure.

### **Nathalie**

Nathalie Matthews MOE - Kingston District Office (613) 548-6917

From: Male, Sean [mailto:SMale@Hatch.ca]

Sent: March 24, 2011 9:15 AM To: Matthews, Nathalie (ENE)

Cc: Tom Hockin; 334844; Hoyle, Warren

Subject: RE: Pre-Construction Survey - Groundwater Monitoring Program

Hi Nathalie,

Thanks for taking the time to review the information.

I believe it was certainly our intent to look beyond the Water Well Records database information. I will make sure that is clarified in the revised plan.

Thanks again,

Sean

### Sean K. Male, M.Sc.

Terrestrial Ecologist, Environmental Assessment & Management Tel: +1 905 374 0701 ext. 5280 Niagara Falls, ON

From: Matthews, Nathalie (ENE) [mailto:Nathalie.Matthews@ontario.ca]

Sent: Wednesday, March 23, 2011 4:23 PM

To: Male, Sean

Cc: Tom Hockin; 334844

**Subject:** RE: Pre-Construction Survey - Groundwater Monitoring Program

Hi Sean,

The ministry has reviewed your proposed monitoring program and we are concerned with the following statement. "All water wells within 500 m of the Project location will be identified through the Ministry of the Environment Water Well Records database information."

Please note that not all water wells are identified in the MOE's water well records database. Unfortunately the database is not accurate since some well records have not been submitted to the MOE (such as dug wells).

1

Therefore, we recommend that Northland Power does not rely completely on this database. In addition to using the database, the area within 500 m of the projects should be surveyed in person and by talking to the area residents.

The ministry has no other issues or concerns with the proposed monitoring program.

If you have any questions, please call or email.

#### **Nathalie**

Nathalie Matthews MOE - Kingston District Office (613) 548-6917

From: Male, Sean [mailto:SMale@Hatch.ca]

Sent: March 22, 2011 10:11 AM To: Matthews, Nathalie (ENE) Cc: Tom Hockin: 334844

Subject: RE: Pre-Construction Survey - Groundwater Monitoring Program

Hi Nathalie,

Thanks again for providing this recommended monitoring program. For your information, we took this program and added a bit more detail to produce a draft document entitled "Baseline Well Water Monitoring Program and Construction Response Plan", which was provided to the public at the Final Public Meeting, and will be submitted as part of the REA Application.

I have attached the document to this e-mail for your review. It does not have the map for the McCann Project as of yet, but will once that Project moves towards final PIC. If you have any comments, we would appreciate your feedback so that we could incorporate them into the document.

Thanks,

Sean

## Sean K. Male, M.Sc.

Terrestrial Ecologist, Environmental Assessment & Management Tel: +1 905 374 0701 ext. 5280 Niagara Falls, ON

From: Matthews, Nathalie (ENE) [mailto:Nathalie.Matthews@ontario.ca]

**Sent:** Monday, February 07, 2011 12:06 PM

To: Tom Hockin; Male, Sean

Subject: Pre-Construction Survey - Groundwater Monitoring Program

Hi Tom and Sean,

The recommended monitoring program is attached for your review.

If you have any questions, please call or email.

### **Nathalie**

Nathalie Matthews, Provincial Officer Ministry of the Environment Kingston District Office 1259 Gardiners Road, Unit #3 Kingston, Ontario

Telephone: (613) 548-6917

Toll free #: (800) 267-0974, ext. 2674

Facsimile: (613) 548-6920

Email: nathalie.matthews@ontario.ca

Spills Action Centre (800) 268-6060

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## McRae, Elizabeth

From: Fraser, Jim (MNR) [Jim.A.Fraser@ontario.ca]

**Sent:** Friday, June 04, 2010 3:51 PM

To: Male, Sean

Cc: Watchorn, Rick (MNR); Melvin, Laura (MNR); Smithers, Scott (MNR); Cotnam, Erin (MNR)

Subject: RE: Northland Power - Proposed Solar Projects

Attachments: Inforequestdoc\_visualID\_March24-09.pdf; Kemptville MNR Natural Areas and Features.doc;

MNRKV\_InfoRequestForm.pdf

Importance: High

Hi Sean,

Workloads and staffing does not allow us to meet with all proponents in the preliminary stages of gathering natural values information for individual sites. In order to provide, natural values information for the Fit approved projects in a timely manner, we require the proponent to fill out an information request as attached for each proposed project. This will provide the proponent with the Natural Values Information including Endangered Species as known by the Kemptville District. This information does not replace the requirement for the proponent to conduct on-site natural values assessment. Please note that Geographic Township, Lot and Concession are critical pieces of information required to move the request forward. I would also suggest that you indicate that the project has received **FIT approval** as we are always getting a large number of information requests for a variety of purposes.

I would strongly encourage Northland Power to complete the information requests for each site as soon as possible as all requests for FIT approved projects will be dealt with on a first come/first served basis.

Thank you for your interest,

Jim Fraser Area Supervisor Kemptville District

From: Male, Sean [mailto:SMale@Hatch.ca]

**Sent:** June 1, 2010 3:56 PM **To:** Smithers, Scott (MNR)

Cc: Fraser, Jim (MNR); Watchorn, Rick (MNR)

Subject: RE: Northland Power - Proposed Solar Projects - Kick-off Meeting

Hi Scott,

I spoke to Tom Hockin of Northland who will be attending the meeting. He is away the week of the 7<sup>th</sup>, but will be available the week of the 14<sup>th</sup>. I am trying to arrange some other meetings in the area, however at the moment we are free any day except Thursday afternoon.

Thanks,

Sean

Sean K. Male, M.Sc.

Terrestrial Ecologist, Environmental Assessment & Management Tel: +1 905 374 0701 ext. 5280 Niagara Falls, ON

From: Smithers, Scott (MNR) [mailto:scott.smithers@ontario.ca]

Sent: Tuesday, May 25, 2010 8:44 AM

To: Male, Sean

Cc: Fraser, Jim (MNR); Watchorn, Rick (MNR)

Subject: RE: Northland Power - Proposed Solar Projects - Kick-off Meeting

Hi Sean,

In order to ensure all of the required staff here at OMNR will be available to attend our meeting, I going to suggest we reschedule for sometime after the 7th of June.

Please provide me with a list of possible dates after June 7th that you and Northland would be available to meet and I will them solicit for staff availability here at OMNR.

S

Scott Smithers
Area Biologist
Ministry of Natural Resources
Kemptville District
10 Campus Drive
Kemptville Ontario
KOG 1J0
P(613) 258-8214
F (613) 258-3920
scott.smithers@ontario.ca

"A peculiar virtue in wildlife ethics is that the hunter ordinarily has no gallery to applaud or disapprove of his conduct. Whatever his acts, they are dictated by his own conscience, rather than by a mob of onlookers. It is difficult to exaggerate the importance of this fact."

Aldo Leopold, A Sand County Almanac

From: Male, Sean [mailto:SMale@Hatch.ca]

**Sent:** May 25, 2010 7:43 AM **To:** Smithers, Scott (MNR)

Subject: RE: Northland Power - Proposed Solar Projects - Kick-off Meeting

Hi Scott,

I just spoke with Northland and June 1st will not work for them. Is it possible for us to meet this Friday, May 28th instead? The same time would work.

Please advise.

Thanks,

Sean

----Original Message-----

From: Smithers, Scott (MNR) [mailto:scott.smithers@ontario.ca]

Sent: Fri 5/21/2010 11:52 AM

To: Fraser, Jim (MNR); Watchorn, Rick (MNR)

Cc: 334844; Male, Sean

Subject: RE: Northland Power - Proposed Solar Projects - Kick-off Meeting

Hi Jim,

Sean Male form Hatch contacted me today and asked if his group could come to Kemptville onJune 1st at 1:00 pm to discuss the Northland Power Project with District Staff.

I would expect that this group would like to meet with our planner, lands staff and natural heritage staff (similar to our earlier meeting with Golder)

What is the availability of staff for this date and time? If enuff of our folks ae not available, we will have to suggest another date to meet with this group.

S

Scott Smithers
Area Biologist
Ministry of Natural Resources
Kemptville District
10 Campus Drive
Kemptville Ontario
KOG 1J0
P(613) 258-8214
F (613) 258-3920
scott.smithers@ontario.ca <mailto:scott.smithers@ontario.ca>

"A peculiar virtue in wildlife ethics is that the hunter ordinarily has no gallery to applaud or disapprove of his conduct. Whatever his acts, they are dictated by his own conscience, rather than by a mob of onlookers. It is difficult to exaggerate the importance of this fact."

Aldo Leopold, A Sand County Almanac

From: Male, Sean [mailto:SMale@Hatch.ca]

Sent: May 12, 2010 3:57 PM

To: Smithers, Scott (MNR); Fraser, Jim (MNR)

Cc: 334844

Subject: Northland Power - Proposed Solar Projects - Kick-off Meeting

Hi Scott and Jim,

Hatch has been retained by Northland Power to assist them with the Renewable Energy Approval process for several solar power projects within the province. Five of these projects are located within the jurisdiction of the MNR Kemptville District. As such, we are hoping to arrange a meeting with yourselves in the near future to introduce Northland Power, Hatch, and the proposed solar projects, and to discuss any environmental concerns that the MNR may have in respect of the Project locations.

If you are open to a meeting, dates which I have available to meet in the near future are May 17th, May 21st and May 27th. Can you please advise which of those dates work for yourselves and I will confirm a date with Northland for a meeting?

Thanks,

Sean

Sean K. Male, M.Sc.

Terrestrial Ecologist/Environmental Assessment & Management

Tel: +1 905 374 0701 ext. 5280

Fax: +1 905 374 1157

4342 Queen Street, Suite 500, Niagara Falls, Ontario, Canada, L2E 7J7

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## Natural. Valued. Protected.

# Kemptville MNR Natural Areas and Features Information Request Form

Name*:				
Address*:				
Phone Number*:				
E-mail Address*:				
Property Location:				
Township (geographic)* -				
Lot and Concession*				
Property Roll No				
*Fields with asterisk are mandatory.				
<u>Attachments</u>				
I have attached a Picture				
<u>Request</u>				
I would like to request the following information for the property identified above:				
To better respond to your request please briefly outline the purpose for which this information is required (e.g. proposed development, lot severance, etc. or attach details):				
Please forward the completed form to:  Kemptville.Inforequest@ontario.ca or Fax: 613-258-3920  10 Campus Drive, Postal Bag 2002				
Kemptville, ON K0G 1J0 Attention: Information Requests  MNR File Number:				

Personal information contained in this form is collected in order to fulfill your request, respond to your inquiries and for other administration purposes. With regard to the personal information it collects, the ministry is bound by privacy protection rules under the Freedom of Information and Protection of Privacy Act and takes all necessary steps to safeguard personal information collected.



## Natural. Valued. Protected.

# MNR KEMPTVILLE DISTRICT

Natural Heritage Areas and Features
Information Requests

March 2009

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## 1.0 Purpose of this Document

This document is meant as a directory of available natural heritage information (evaluated wetlands, Areas of Natural and Scientific Interest (ANSIs), fish & wildlife, etc.) available for the Ministry of Natural Resources (MNR) Kemptville District (hereby referred to as MNR-KV). This document also identifies other natural resource agencies that may have information in addition to MNR. Contact information for those agencies can be found on Page 12 of this document.

MNR KV District receives many information requests, and therefore has developed this document to standardize the requesting process. **By completing the form found on Page 13** of this document, you are helping us respond to your request in a more time-efficient manner.

## 2.0 Background

MNR maintains and provides a variety of information on natural heritage, fisheries, and wildlife. This information is provided to organizations, private individuals, consultants, and developers upon request, in order to meet requirements under the Planning Act (the Provincial Policy Statement), Environmental Assessments, Aggregate Resource Act applications, Endangered Species Act, Fisheries Act, Ontario Water Resources Act, and various other initiatives.

High levels of development in Eastern Ontario have resulted in an increasing volume of requests for such information, and as a result longer waiting times to process these requests. This document is intended to help improve this situation by:

- Clarifying the types of information that are available from MNR;
- Supplying contact information for other agencies and organizations that provide related natural heritage information;
- Identifying where information is readily available on the internet; and
- Clarifying timeframes in which information available only at the MNR KV district will be provided.

## 2.1 General Fish and Wildlife Contacts

This document is not intended to address services such as the issuance of Fish and Wildlife Licenses (including Export Permits for Moose, Deer and Bear) or dropping off of Big Game Draw applications. For information on these areas please contact or visit your local Service Ontario Centre.

For a list of Service Ontario locations please visit: www.serviceontario.ca or call: 1-800-267-8097

DRAFT 3

#### **MNR Hot Lines**

Reporting Resource Abuse (lands, waters, forests, fish and wildlife) 1-877 TIPS-MNR (847-7667)

Bear Wise 1-866 514-BEAR (514-2327)

 Rabies
 1-888-574-6656

 MNR INFORMATION
 1-800-667-1940

 Outdoors Card Centre
 1-800-387-7011

Draw Results, applications and licensing 1-800-288-1155
Ontario Parks Campsite Reservations 1-888-668-7275

Fire Contact your local Town/Municipality
Public Safety 911 - contact your local police force

#### 2.2 Disclaimers about this document

This document will be regularly updated. For a current version of this document email to <a href="Membetville.Inforequest@ontario.ca">Kemptville.Inforequest@ontario.ca</a>. Please allow for adequate time to gather the information you have requested. Requests will be handled on a first-come first-served basis. During peak times, it may take 6-8 weeks to respond to your inquiry.

Note, that the information available from MNR should **not be considered as a substitute for site visits**. Generally, information available from MNR can be regarded as a starting point from which to conduct further field studies. There are many areas where MNR does not currently have site information. On-site assessments can better verify site conditions.

## 3.0 General Requests

#### 3.1 Site Screening Requests

If you are interested in general screening level information for an area:

Digital Maps: MNR-KV has created 3 different series of maps based on geographic township at a 1:100,000 scale. The series include: Crown Lands, Natural Heritage (evaluated wetlands and ANSIs), and Aggregate licenses. Maps will be emailed upon request, free of charge.

Action: complete the request form at the end of this document

Hardcopy Maps: printed copies of the above Map Series are available for \$5 per map. These maps are available through the Service Ontario desk at the MNR-KV.

Action: complete the request form at the end of this document and bring to Service Ontario office at 10 Campus Drive, Kemptville, Ontario.

The purpose of these maps is to provide information for site screening purposes. Note that these maps provide general location information only and cannot be used to delineate specific boundaries or used for navigation. If you require detailed boundaries of natural heritage features, see below.

#### 3.2 Comprehensive Study Requests

If you require comprehensive and/or extensive natural heritage feature information, or if you wish to gain access to the spatial data to use within your own Geographic Information Systems (GIS) applications, we encourage you to obtain information using the following options.

1) MNR's Land Information Ontario (LIO) Base Data User (BDU) License can provide access to basic topographic information such as roads, water, contours. etc., and allows for commercial use of this information. Natural heritage resource information, including wetland boundaries, ANSIs, etc. is available for purchase by commercial users. This option offers the advantage being able to create and display customized maps for clients, or to complete analysis within a GIS, in a timely manner. Note that LIO provides data, but does not provide technical support.

Action: for more information visit the LIO website at: www.mnr.gov.on.ca/en/Business/LIO/index.html

2) **The Ontario Geospatial Data Exchange** (OGDE) is the agreement with the government to get access to LIO.

Who qualifies for this agreement? Public organizations such as: government, First Nations, Conservation Authorities, municipalities, and non-for-profit NGOs. For more information on this program and contact information refer to:

www.mnr.gov.on.ca/en/Business/LIO/2ColumnSubPage/STEL02\_167959.html

- 3) **Other online resources**: The following are only a few of the information websites available for public use.
- Municipal websites
- Eastern Ontario Model Forest stewardship tracking system www.sof.eomf.on.ca
- Google Earth and Google Maps (viewing aerial photos and elevation information) www.google.ca
- MNR store: air photos

www.mnr.gov.on.ca/en/STEL02 168321.html

- Agriculture & Agri-Food Canada: County Soils Maps may be available http://sis.agr.gc.ca/cansis/publications/on/index.html
- Bird Studies Canada: Ontario Breeding Bird Atlas data www.bsc-eoc.org/
- Environment Canada: Web Species Mapping Application for Species at Risk www.sararegistry.gc.ca/sar/index/map\_e.cfm
- GeoConnections is an online spatial database from the Canadian Government www.geoconnections.org
- GeoGratis GIS data from the Earth Sciences Sector of Natural Resources Canada www.geogratis.ca/
- Geobase: various GIS layers for Canada free of charge <u>www.geobase.ca/</u>

# 4.0 Natural Heritage Feature Spatial Data

MNR along with other agencies maintains spatial information, which can be mapped, on many natural heritage features including: fish and wildlife features. This document has been divided into fish and wildlife data and natural heritage areas data.

#### 4.1 Fish and Wildlife Data

#### 4.1.1 Deer and Moose Winter Habitat

Wildlife managers are working with landowners and forest managers to maintain healthy, productive winter habitats for deer and moose in order to achieve a population level that a healthy ecosystem can support. To aid in this, the MNR has mapped some traditional deer and moose wintering habitat sites. Note that not all deer and moose wintering habitats have been mapped.

Action: Complete the request form on page 13 of this document.

# For more information on Deer Conservation or the MNR Moose program refer to the following websites:

Moose Program: <a href="https://www.mnr.gov.on.ca/en/Business/FW/2ColumnSubPage/STEL02\_174000.html">www.mnr.gov.on.ca/en/Business/FW/2ColumnSubPage/STEL02\_174000.html</a> People and Wildlife-Managing and Reducing Conflict:

www.mnr.gov.on.ca/en/Business/FW/2ColumnSubPage/STEL02\_168419.html

Wildlife Health:

www.mnr.gov.on.ca/en/Business/FW/2ColumnSubPage/STEL02\_168423.html

#### 4.1.2 Fish Habitat

MNR is generally the manager of fisheries data, however, a variety of agencies are involved in maintaining information on fisheries and their habitat. Below is a list of different fisheries data and the agencies that manage it:

#### Conservation Authorities:

- Eastern Conservation Authorities Fish and Fish Habitat Review Guidelines in draft format. These are guidelines for the collection of fisheries information;
- Stream classification and thermal regimes; and
- Many CAs have also compiled databases, including fish habitat and species information for inland streams and drains.

#### Municipalities:

 The City of Ottawa's Surface Water Quality Program: This program maintains information on stream assessment, as well as some information on fish species and nursing habitats. It is a good source for netting information from the Rideau River.

#### Federal Government:

- Parks Canada: Park staff, in addition to MNR, should be consulted for aquatic information on the Rideau Canal, which includes most of the Rideau River system, as well as for fisheries information in the vicinity of St. Lawrence Islands National Park; and
- Department of Fisheries and Oceans (DFO): For information on the Fisheries Act

#### Government of Ontario

- MNR Lake Ontario Management Unit: For sites on the St. Lawrence River, the management unit, located in Picton, may be able to provide additional species and population information that the Kemptville District Office does not have in its files.
- MNR Kemptville District Office: Has spatial information on the following in studied locations:
  - o waterbody type and fish species present
  - o thermal regime and timing restrictions chart for various lakes and rivers,
  - habitat information and locations (such as known fish sanctuaries, spawning and nursery habitats).

Additionally there are hardcopy files on many of the lakes and streams in the District. To arrange a meeting with a fisheries biologist fill out the request form on Page 13 of this Guide.

Action: Contact the appropriate agency outlined above.

Contact information can be found on Page 12 of this Guide.

If data is from MNR-KV complete the request form on Page 13 of this document.

#### 4.1.3 Nesting Sites

MNR also has some locational information on gull colonies, heronries, and stick nests, however, this information has not been placed on township maps as some of it may be out of date. If you are interested in locations of these nest sites, especially if you know or have observed one near the site in question, contact the MNR –KV office for more details or fill out the request form at the end of this document.

Action: Complete the request form on Page 13 of this document.

#### 4.1.4 Species at Risk Records

Species at risk (SAR) are species designated by the Committee on the Status of Species at Risk in Ontario (COSSARO) as extirpated, endangered, threatened, or of special concern. More information on SAR, including the official Species at Risk in Ontario (SARO) list, is available online at: <a href="https://www.ontario.ca/speciesatrisk">www.ontario.ca/speciesatrisk</a>

The first step in finding out if there are any SAR on your property is by starting with a *rough* screen for your site prior to contacting MNR, using information from the Natural Heritage Information Centre (NHIC). The NHIC is a group within MNR that compiles and maintains rare species and spaces data for Ontario. The NHIC website has a map tool which allows

you to look for reported rare species records associated with a particular area. To conduct this initial screening, visit the NHIC website at: <a href="http://nhic.mnr.gov.on.ca/nhic\_.cfm">http://nhic.mnr.gov.on.ca/nhic\_.cfm</a>.

Please note that NHIC database queries alone are insufficient means of conducting thorough searches of SAR occurrences. Therefore, following an initial NHIC search, a SAR information request to the MNR-KV Office is also recommended as some Species at Risk (SAR) locations are confidential. Remember, MNR does not have a complete inventory of all SAR; thus the proponent is to conduct an inventory of the species on the site. We recommend that an Ecological Site Assessment (ESA) be conducted on the property or contact the MNR-KV Office for more specific guidelines.

Action: First: conduct a rough screen of species at risk through the NHIC website <a href="http://nhic.mnr.gov.on.ca/nhic.cfm">http://nhic.mnr.gov.on.ca/nhic.cfm</a>.

Second: please complete the request form on Page 13 of this document requesting a SAR screen of the outlined property

Third: conduct a site visit or Ecological Site Assessment (ESA)

#### 4.1.5 Endangered Species Act and Habitat

As part of the Endangered Species Act (ESA), 2007, all endangered-regulated species under the previous ESA (1971) as well as any newly listed endangered or threatened species, immediately receive general habitat protection, which is defined as:

"An area on which the species depends, directly or indirectly, to carry on its life processes."

Species-specific habitat regulations will legally replace the general habitat described above in the future. In addition, regulated habitat will be phased-in over a 5-year period for all species currently assessed as endangered or threatened.

For more information on the ESA please refer to: <a href="https://www.mnr.gov.on.ca/en/Business/Species/2ColumnSubPage/STEL01\_131232.html">www.mnr.gov.on.ca/en/Business/Species/2ColumnSubPage/STEL01\_131232.html</a>

### 4.2 Natural Heritage Areas Data

#### 4.2.1 ANSIs

MNR is responsible for Areas of Natural and Scientific Interest (ANSIs) including their identification, determination of significance and boundary mapping. ANSIs are either identified as Earth Science or Life Science features. Generally, ANSIs have been identified in MNR reports which provide an overview of features and contain check-sheets (also referred to as checklists in Earth Science ANSIs), for each individual ANSI; these reports are available online from the NHIC (link below). Please note that the level of information available varies for each ANSI.

The general boundaries of ANSIs are shown on the Portable Document Format (PDF) geographic township maps. Detailed boundaries of each ANSI are available upon request.

The ANSI report and/or an individual check-sheet can also be sent from MNR-KV via e-mail in digital (PDF) format upon request.

Action: check the NHIC website at <a href="http://nhic.mnr.gov.on.ca/nhic\_.cfm">http://nhic.mnr.gov.on.ca/nhic\_.cfm</a>
If you require more detail complete the request form on Page 13 of this document.

#### 4.2.2 Conservation Reserves

Conservation reserves are an area of public lands set aside under the Public Lands Act to protect natural heritage areas and natural features on public land, while preserving traditional public land uses. These areas are intended to protect natural heritage areas and natural features, while preserving traditional public land uses, such as wildlife viewing, hunting, fishing, walking, snowshoeing, cross country skiing and boating.

Information regarding conservation reserves, including location, can be viewed at: <a href="http://crownlanduseatlas.mnr.gov.on.ca/clupa.html">http://crownlanduseatlas.mnr.gov.on.ca/clupa.html</a>

Action: check the OMNR Crown Land Use website at http://crownlanduseatlas.mnr.gov.on.ca/clupa.html

#### 4.2.3 Environmentally Sensitive Areas

Some municipalities within Kemptville District may designate Environmentally Sensitive Areas (ESAs).

Action: Please contact your local municipal office

#### 4.2.4 Ontario Provincial Parks

Ontario's provincial parks aim to protect significant natural, cultural, and recreational environments, while providing ample opportunities for visitors to participate in recreational activities. For more information about Ontario Provincial Parks, or to make a reservation, visit their website at <a href="https://www.ontarioparks.com">www.ontarioparks.com</a>.

Action: check the OMNR Ontario Parks website at www.ontarioparks.com

#### 4.2.5 Significant Valleylands

Significant valleylands are one of the natural heritage features specified and defined in the Provincial Policy Statement (PPS). The identification of significant valleylands in Official Plans is the responsibility of the local, municipal planning authority. Where significant valleylands have not been identified in an Official Plan, the municipality (and where applicable, the upper-tier planning authority) should be contacted to determine if criteria have

been developed for the identification of significant valleylands. In the event that there are no municipally identified criteria, MNR and the local Conservation Authority may have resource information about valleylands with known potential to be significant. Where the MNR-KV has information about valleylands with known potential to be significant, MNR will provide the specific criteria to assess the significance of the valleyland.

Action: Please contact the relevant planning authority.

#### 4.2.6 Significant Woodlands

Significant woodlands are one of the natural heritage features specified and defined in the Provincial Policy Statement (PPS). The identification of significant woodlands in Official Plans is the responsibility of the municipal planning authority. Where significant woodlands have not been identified for a municipality within the Official Plan, the municipality (and where applicable, the upper-tier planning authority), should be contacted to determine if criteria have been developed for the identification of significant woodlands. In the event that there are no municipally identified criteria, the MNR -KV will provide mapping and criteria undertaken as part of the MNR Kemptville District Significant Woodlands Project.

Action: Please contact the relevant municipal planning authority,
MNR Kemptville District (by completing the request form below), and
other resource organizations.

#### 4.2.7 Significant Wildlife Habitat

Significant wildlife habitat is one of the natural heritage features specified and defined in the Provincial Policy Statement (PPS). The identification of significant wildlife habitat in Official Plans is the responsibility of the municipal planning authority. Where significant wildlife habitat has not been identified within the Official Plan, the municipality (and where applicable, the upper tier planning authority) should be contacted to determine if criteria have been developed for the identification of significant wildlife habitat.

The Significant Wildlife Habitat Technical Guide (OMNR, 2000) provides guidance on the identification and mapping of significant wildlife habitat. This can be found on the OMNR website at: <a href="https://www.mnr.gov.on.ca/en/Business/FW/Publication/MNR\_E001285P.html">www.mnr.gov.on.ca/en/Business/FW/Publication/MNR\_E001285P.html</a>.

MNR has resource information that can be used in determining significant wildlife habitats, however, as identified throughout this document it is "best available" MNR information only. Other resource organizations that may have wildlife habitat information include Conservation Authorities and field naturalist groups, etc.

Action: Please contact the relevant municipal planning authority,
MNR Kemptville District (by completing the request form below), and
other resource organizations.

#### 4.2.8 Wetlands

MNR is responsible for the official boundaries and data records of wetlands. Names and locations of evaluated wetlands can be found online at <a href="http://nhic.mnr.gov.on.ca/nhic.cfm">http://nhic.mnr.gov.on.ca/nhic.cfm</a> through the geographic query tool (see website for instructions). Alternatively, external boundaries of wetlands are shown on the PDF geographic township maps. Detailed boundaries, including internal vegetation communities of each wetland are available upon request. Additionally, there is a data record that accompanies each evaluated wetland. These are available in hardcopy (some are available in PDF format) through MNR-KV and at most Conservation Authorities. The public may reference and photocopy these if required. An appointment will be required to set up a time that works for both you and a biologist. Set this up by filling out the request form at the end of this document.

Action: Check the NHIC website <a href="http://nhic.mnr.gov.on.ca/nhic\_.cfm">http://nhic.mnr.gov.on.ca/nhic\_.cfm</a> or complete the request form on page 13 of this document.

## 5.0 Quick Reference Guide

This Guide is meant to be used as a quick reference to where natural heritage data sources can be found. For data requests at the MNR-KV, please fill out an information request form found on Page 13 of this Guide.

Data Location and Web-related Links

Area of Natural and General location and text descriptions: Scientific Interest (ANSI): <a href="http://nhic.mnr.gov.on.ca/nhic">http://nhic.mnr.gov.on.ca/nhic</a> .cfm

Earth Science and Life Approved boundary maps and check-sheets Science Kemptville MNR (see form on page 13)

Conservation Reserves <a href="http://crownlanduseatlas.mnr.gov.on.ca/clupa.html">http://crownlanduseatlas.mnr.gov.on.ca/clupa.html</a>

Deer Winter Habitat Known wintering areas

Kemptville MNR (see form on page 13)
Information may be available at the

**Environmentally Sensitive** Information may be available at the *Municipal Planning Authority* **Fisheries data**: Resource information available at:

(refer to page 5 for details) Conservation Authorities

Department of Fisheries and Oceans

Parks Canada

City of Ottawa (Surface Water Quality Program)

Kemptville MNR (see form on page 13)

MNR Lake Ontario Management Unit

Moose Winter Habitat Known wintering areas

Kemptville MNR (see form on page 13) Kemptville MNR (see form on page 13)

Nesting Sites Kemptville MNR (see for www.ontarioparks.com

Significant Valleylands
Significant Wildlife Habitat

Municipal Planning Authority

Municipal Planning Authority

Significant Woodlands Municipal Planning Authority
Species At Risk (Extirpated, Species information and occurrence data

Wetlands

endangered, threatened or of special concern) <a href="http://nhic.mnr.gov.on.ca/nhic\_.cfm">http://nhic.mnr.gov.on.ca/nhic\_.cfm</a>
Species at Risk program information

www.mnr.gov.on.ca/en/Business/Species/index.html

Local occurrence data

Kemptville MNR (see form on page 13)
General location and text descriptions:
<a href="http://nhic.mnr.gov.on.ca/nhic.cfm">http://nhic.mnr.gov.on.ca/nhic.cfm</a>

Approved boundary maps and data records Kemptville MNR (see form on page 13)

## **6.0 Contact Information**

#### 6.1 From Other Local Sources

For further information from other sources listed in this document, please contact:

Cataraqui Region Conservation Authority <a href="https://www.cataraquiregion.on.ca">www.cataraquiregion.on.ca</a>	1-877-956-CRCA (2722)
Mississippi Valley Conservation Authority www.mvc.on.ca	(613) 259-2421
Rideau Valley Conservation Authority <u>www.rvca.ca</u>	1-800-267-3504
Raisin Region Conservation Authority www.rrca.on.ca	(613) 938-3611
South Nation Conservation Authority www.nation.on.ca	1-877-984-2948
City of Ottawa Surface Water Quality program www.ottawa.ca/residents/waterwaste/surface/v	(613) 580-2400 vater_quality_en.html
MNR Lake Ontario Management Unit www.glfc.org/lakecom/loc/mgmt_unit/homepag	(613) 476-3255 <u>e2006.htm</u>
Parks Canada www.pc.gc.ca	(613) 283-7199
Department of Fisheries of Oceans www.dfo-mpo.gc.ca	(613)-993-0999
Service Ontario – located at MNR-KV Office	(613)-258-4846 1-800-268-8758

## 6.2 From Kemptville District

If you require more information about any of MNR's natural heritage or fish and wildlife information as outlined in this document, indicate your request by completing the attached form. Please note that in order to process requests in a timely manner, we require the lot, concession number(s) and geographic township of the property about which you are inquiring. Additionally if any maps or photos would aid in describing the area of your requests, please attach them to the request form.

From: Male, Sean

Sent: Saturday, June 12, 2010 1:49 PM kemptville.inforequest@ontario.ca

Cc: 334844; Arnold, Kimberley

Subject: Inforequest for Northland Power - Rideau Lakes Project

Attachments: Kemptville MNR Natural Areas and Features - Rideau Lakes.doc; Rideau Lakes - Figure.pdf

Hello,

Please find attached a completed inforequest form and associated maps for Northland Power's proposed Rideau Lakes solar project.

We look forward to receiving your input.

Thank you,

Sean Male REA Coordinator Hatch



#### Ministry of Natural Resources

Kemptville District
P.O. Box 2002
10 Campus Drive
Kemptville, ON K0G 1J0

Tel.: (613) 258-8470 Fax.: (613) 258-3920

#### Ministère des Richesses naturelles

District de Kemptville CP 2002 10 Campus Drive Kemptville, ON K0G 1J0

Tél.: (613) 258-8470 Téléc.: (613) 258-3920

July 8, 2010

Hatch 4342 Queen Street, Suite 500 Niagara Falls, ON L2E 7J7

Attention: Sean Male

RE: Information Request – Solar Development – Northland Power Our File No.:

2010\_NCR-896 - (Lot 2, C 3, North Crosby) 2010\_CHA-897 - (Lot 15 & 16, C 5&6, Charlottenburgh) 2010\_NCR-898 - (Lot 1, C 1, North Crosby) 2010\_BUR-899 - (Lot 13, C 9, Burgess) 2010\_SCR-900 - (Lot 25, C 2, South Crosby)

Dear Mr. Male.

The Ministry of Natural Resources (MNR) Kemptville District has carried out a review of the area in order to identify any potential natural resource and natural heritage values in the area of the identified sites. The MNR must clearly indicate that this is an initial records review and does not form part of the MNR review and confirmation process.

#### Site A - 2010\_NCR-896

A review of our records indicates that there are some wooded areas on site, indicating that Butternut (Endangered Tree Species) could be present, as well as some woodlands within 120 meters of the site. Consideration for the evaluation of Woodlands Significance is recommended by the MNR. There are two watercourses identified within 120m of the site suggesting potential fish habitat. MNR's review of the information obtained from the Natural Heritage Information Centre (NHIC) and a search of internal SAR records, the MNR can advise that there is potential for Butternut (Endangered) on and adjacent to the site, as well as records for both Early Hairstreak (S2) and Prairie Warbler (S3B) both of which are provincially tracked rare species. While species of special concern and provincially rare tracked species are not protected by the Endangered Species Act, under the PPS, information pertaining to their location and habitat requirements should be considered when evaluating the significant wildlife habitat of the project site and immediate area.

#### Site B - 2010 CHA-897

This site is a fairly wooded site as is the surrounding adjacent area. The MNR must underline the need to address woodland significance of this site. Furthermore, consideration for fish and fish habitat should be carried out due to the watercourse located on and adjacent to the site. Based on the site characteristics, the potential for Butternut is high; as well MNR NHIC and internal SAR records indicate that the provincially tracked rare species of Halbered-leaved Tearthumb (S3), Brainerd's Hawthorn (S2) and Caughuawaga Hawthorn (S1) are all located in the immediate area. While species of special concern and provincially rare tracked species are not protected by the Endangered Species Act, under the PPS, information pertaining to their location and habitat requirements should be considered when evaluating the significant wildlife habitat of the project site and immediate area.

There are three unevaluated wetland pockets located within 120m of the site as is a Large Mouth Bass spawning area, located on Big Rideau River. There are a number of small watercourses also in proximity to the site. Thus considerations for fish and fish habitat, as well as assessing wetland significance must be taken into account when carrying out the Natural Heritage Assessment. Within 120m of the site, there are also some substantial woodlands, which should be assessed for significance and subsequently the potential for Butternut (Endangered) is highly likely on this site. MNR has reviewed NHIC and internal records and has element occurrence information pertaining to the Prairie Warbler (S3B), a provincially tracked rare species.

#### Site D - 2010 BUR-899

There are substantial woodlands located throughout this property, not to mention a number of hedgerows, which suggests that Butternut may be located on site. Furthermore, the MNR advises that the consideration for woodland significance would be prudent, in addition to those woodlands on the adjacent lands. There are also a number of pockets, on site and within 120m of the site that are noted as unevaluated wetlands. As such, works proposed within 120m of these sites must carry out evaluation of the feature significance and may further require an EIS. There are also a number of watercourses that pass through the site, and thus consideration for wildlife and more specifically fish and fish habitat must also be noted. Lastly, MNR's NHIC records show no additional species at risk information.

#### Site E - 2010\_SCR-900

There are woodlands immediately adjacent to the site which could be potentially significant woodlands and thus consideration for woodland evaluation is encouraged. Furthermore, the MNR notes that with these adjacent woodlands as well as the hedgerows located on site, there is the potential for Butternut to be present on site. There are also watercourses that run adjacent to the site, and thus consideration for fish and fish habitat is also recommended. MNR's NHIC records show that Prairie Warbler (S3B – provincially tracked rare species) is located in the immediate area.

Although this data represents the MNR's best current available information, it is important to note that a lack of information for a site does not mean that additional features and values are not present. As such, the MNR continues to strongly encourage detailed site assessments for all features and values. Furthermore, the same applies for Species at Risk occurrences; MNR does not have records of all occurrences and as such if MNR does not have the information it does not mean that there are no Species at Risk (SAR) at the location. MNR must note further, that there may not be any records currently held for newly listed Endangered and Threatened species and therefore for both above mentioned reasons, the MNR continues to encourage ecological site assessments to determine the potential for other SAR occurrences. When a SAR does occur on a proposed site, it is recommended that the proponent contact the MNR for technical advice and to discuss what activities can occur without contravention of the Act. If an activity is proposed that will contravene the Act (such as Section 9 or 10), the proponent must contact the MNR to discuss the potential for application of certain permits (Section 17) or agreement (Regulation 242/08). For specific questions regarding the Endangered Species Act (2007) or species at risk, please contact Species at Risk Biologist, Paula Norlock at paula.norlock@ontario.ca . Not only is the ecological site assessment vital for assessing those Species at Risk on and adjacent to the site, however, it can also serve as the foundation for evaluating Significant Habitat of Endangered and Threatened species within the identified study area.

As many of the sites do have watercourses associated with them, if works pertaining to such watercourses are require (e.g. watercrossing for access road, etc.) in water works timing windows as well as permitting may be required from the Ministry of Natural Resources and/or the local Conservation Authority in this regard. For information pertaining to work permits, please contact Deborah Nizman, MNR Lands Technician, at <a href="Deborah-Nizman@ontario.ca">Deborah-Nizman@ontario.ca</a>.

During the records review stage, the proponent should be collecting all available wildlife and wildlife habitat related information for the proposed project location, including information on bird and bat species, candidate and confirmed Significant Wildlife Habitat (SWH) (including bird and bat SWH) and other related data. To do this we recommend proponents begin by classifying all lands at or within 120 metres of the project site using ELC system to community series (using aerial photography and other information sources) and then identifying candidate SWH using the definitions in the Significant Wildlife Habitat Technical Guide and the draft criteria for Ecoregion 6E (link in Appendix B.5 of the new Natural Heritage Reference Manual, 2010).

A 120 metre setback applies to any confirmed SWH. For unevaluated or candidate habitats, the proponent may consider those habitats as significant and apply the setback. If the proponent proposes to develop within the candidate habitat or setback, the significance of the habitat must be evaluated (using the SWHTG and ecoregional criteria listed above). If the habitat is confirmed significant, and the proposal still calls for development within the habitat or the setback, an EIS is required. This same rationale also applies to other natural features including Significant Woodlands, and Significant Valleylands.

For the purposes of the required Natural Heritage Assessment report, the MNR recommends the following sources of direction and information as areas by which to begin the desktop portion of your review:

- Natural Heritage Reference Manual (2010) the newly published NHRM is a key document for understanding the importance of and the criteria for evaluating the various Natural Heritage Values on the landscape (including Significant Woodlands). This document can be accessed via: http://www.mnr.gov.on.ca/en/Business/LUEPS/Publication/249081.html
- Significant Wildlife Habitat Technical Guide (1999) this document provides further technical direction and information as it relates to Significant Wildlife Habitat: http://www.mnr.gov.on.ca/en/Business/FW/Publication/MNR\_E001285P.html
- Ontario Wetland Evaluation System: http://www.mnr.gov.on.ca/en/Business/Biodiversity/2ColumnSubPage/STEL02 176756.html

If you have any questions, please do not hesitate to contact me.

Laura Mel.

Sincerely,

Laura Melvin

A/ District Planner

Resource Management Planner

laura.melvin@ontario.ca

From: Fraser, Jim (MNR) [Jim.A.Fraser@ontario.ca]

Sent: Wednesday, July 14, 2010 8:56 AM

To: Male, Sean

Subject: RE: Northland Power - Proposed Soal Projects - Meeting Request

Attachments: Facilitated Application for Endangered Species Act\_17(2)(c)\_Butternut.doc; PER-AGR-Process-Chart-2009-07-13.pdf; Permit C Proponent-Submission-Info-2009-07-09.doc

#### Good morning Sean,

I have attached a variety of information that should help with the Endangered Species protocol. Kemptville District is prepared to meet with proponents when they have the Natural Heritage Assessment (NHA) completed for each site in a **draft form**. Ideally the proponent will forward the draft NHA to my attention with a request to meet. I will have the appropriate staff review the document prior to the meeting. The more complete the information is as required for the NHA, the more time we will be able to spend discussing next steps. We hope to be able to discuss in detail the requirements for approvals and permits at that time based on complete investigations of the natural values present on the site.

Again as we have a large number of FIT projects within this District, requests will be dealt with on a first come/first served basis. Every attempt will be made to host a meeting at the earliest opportunity. I understand Recurrent will actually be forwarding a draft NHA today. We look forward to reviewing this document for completeness and planning the next steps for moving the process forward.

With thanks, Jim Fraser

From: Male, Sean [mailto:SMale@Hatch.ca]

Sent: July 6, 2010 10:16 AM

To: Fraser, Jim (MNR)

Cc: Watchorn, Rick (MNR); Melvin, Laura (MNR); Smithers, Scott (MNR); Cotnam, Erin (MNR); Arnold, Kimberley;

334844; Tom Hockin; Mike Lord

Subject: Northland Power - Proposed Soal Projects - Meeting Request

Hi Jim,

We would like to arrange a meeting to discuss Northland Power's proposed solar projects within the district.

In particular, we would like to discuss the results of our site investigations conducted thus far. In relation to that, there is one project site where Butternut were identified. In order for that project to proceed, several of these trees will very likely need to be removed which would trigger a permit requirement under the ESA. We would like to start consultation on the permit requirements in that respect.

Will there be availability with your staff to meet in the coming weeks to review these projects?

Thanks,

Sean

Sean K. Male, M.Sc.

Terrestrial Ecologist, Environmental Assessment & Management Tel: +1 905 374 0701 ext. 5280 Niagara Falls, ON

NOTICE - This message from Hatch is intended only for the use of the individual or entity to which it is addressed and may contain information which is privileged, confidential or proprietary. Internet communications cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, arrive late or contain viruses. By communicating with us via e-mail, you accept such risks. When addressed to our clients, any information, drawings, opinions or advice (collectively, "information") contained in this e-mail is subject to the terms and conditions expressed in the governing agreements. Where no such agreement exists, the recipient shall neither rely upon nor disclose to others, such information without our written consent. Unless otherwise agreed, we do not assume any liability with respect to the accuracy or completeness of the information set out in this e-mail. If you have received this message in error, please notify us immediately by return e-mail and destroy and delete the message from your computer.

# Facilitated Application for Endangered Species Act Clause 17(2)(c) Permit for Removal of Butternut Trees in the ........

Kemptville District, Ontario Ministry of Natural Resources – Date

#### Introduction

Applicant has applied for the removal and/or transplanting of butternut trees for the purpose of project details. The subject lands are located detailed location information (Lot, Concession/roll number/municipality/UTMs, etc.).

The subject property has a total area of hectares. Any important background information on location/association with other surrounding development, etc.

Consultants for the proponent include any parties involved in this application (experts etc.).

#### Background

The project lands are designated as XXX in Municipality of XXX Official Plan. The portion of the site proposed for project is zoned XXX.

Relevant background information.

**Inventory of Species at Risk** 

Summary.

#### **Activities and Impacts**

Summary activities and impacts to SAR.

Feasible alternatives/avoidance. Why it is or is not possible.

#### Overall Benefit Proposal [BUTTERNUT]

#### **Plantings**

It is proposed to plant butternuts at the following ratios based on the size of retainable butternut trees removed/transplanted:

- butternut trees between 15 and over dbh 20:1 compensation ratio
- butternut trees between 3 and 14cm dbh 5:1 compensation ratio
- butternut trees between 0 and 2cm dbh 2:1 compensation ratio

If all of the butternut trees identified above are removed then:

Numbers by size calculation

Total: X plantings.

This overall benefit proposal is based on input received by XXX.

Detailed planting plan (include potential 3<sup>rd</sup> party agreements, maps of locations and spacing for planting, other companion trees to be planted, where local genetic stock is coming from, timelines, history of sites to be planted on (i.e. not being developed), appropriate habitat, etc.)

#### **Cloning Archivable Tree**

If possible. Details.

**Seed Collection** 

If possible. Details.

#### **Planting of Grafted Trees**

If possible. Details.

#### Other potential ideas for overall benefit and recovery of butternut

Summary of all actions to ensure overall benefit.

#### Recommended Permit Conditions [EXAMPLE]


The butternut plantings/transplanting are to be done according to the landscape planting plans approved by the Ontario Ministry of Natural Resources, with the following conditions applying to all planting sites:

- Ontario Ministry of Natural Resources are to be given the opportunity to approve the appropriateness of the butternut trees to be planted prior to the actual planting operations;
- The plantings will be done in the spring between April 15<sup>th</sup> and May 10<sup>th</sup> and in the autumn of 2010 using ordered planting stock. The butternuts will be planted in open areas with full sunlight conditions. The butternut plantings will be spaced at least three metres from other planted trees and at least seven metres from retained established tall-growing trees and at least ten metres from any existing butternut trees;
- Control of vegetation around planted seedlings will be implemented including a weed-free zone of 60cm radius around each planting. The vegetation control will be completed using manual or mechanical methods, or the application of mulch;

- The plantings will be protected with tree guards for the first three growing seasons and then, if necessary, with wire mesh;
- Watering will take place during drought conditions where there is less than 25mm of rain during a thirty day period in the growing season;
- Tending of the planted butternut trees is to occur for a period of five years after planting to ensure the Overall Benefit proposal is achieved;
- The planted butternut trees are to be monitored monthly during the growing season at the proponent's cost for the first two years and then three times per year including each spring after leaf-out for the following three years. The following information will be included for each planted tree in the monitoring reports: planting date, date and type of tendering, tree condition, main stem height, number of stems, dbh and diameter of live trees at root collar, evidence of butternut canker (open cankers or sooty patches), damage by wildlife, people or events and photos. Copies of the monitoring reports will be provided to the Ontario Ministry of Natural Resources, other.
- Corrective measures such as replacement butternut plantings in the following spring, are to be applied as required and directed by the agencies;
- At the end of the five year monitoring period, exclusive of potential canker impacts, where feasible a minimum of XX (at least half) butternut trees are to be in a growing condition acceptable to the Ontario Ministry of Natural Resources;
- Sampling and testing will be permitted as requested by the Ontario Ministry of Natural Resources. On reasonable notice but without limitation into the future, Applicant and/or their successors will allow site access to staff of the Ontario Ministry of Natural Resources for purposes of observing the planted butternut trees. In addition Ontario Ministry of Natural Resources staff will have access to the existing on-site butternut trees for any sampling requirements such as seed collection, collection of tree tissues, core sampling of trees to be removed and other sampling purposes. Ontario Ministry of Natural Resources staff will be notified at least one week prior to any cutting of non-retainable or retainable butternut trees;
- The development and associated tree removal will be conducted in phases, explanation of phases if possible...

• The butternuts to be retained (details where retaining was made possible). and, Prepared by:

# DRAFT Process for Requesting s.17 Permits and Ontario Regulation 242/08 Exemption Agreements



# ESA 17 2(c) Permit: Proponent Submission Information

Licence/Permit # (if ap	oplicable)	Date Submitted:	
Proponent name and	contact info:		
Name:			
Position:			
Current Address: (as ap	pears on permit/licence)		
Tel: F Email:	ax:		
Landowner name and	contact info: (if Lice	nsee/permittee is not the landowner)	
Name: Position:			
Current Address: (as ap	pears on permit/licence)		
Tel: F Email:	ax:		
Location of the Project	t:		
Lot(s): Concession(s): Geographic Township(s Municipality: County:	s):		
Species at risk involv	ed in the project:		
Name:		Status: (e.g. Threatened on SARO list)	

SARB FINAL Page 2 of 3 2009-07-09

# Description of existing or proposed measures to provide overall benefit to the adverse effects of the activities being undertaken:

Part A – <u>Steps to Minimize Adverse Effects</u>: Provide detailed descriptions of the measures that will be undertaken to minimize adverse effects on the species and the habitats to which the permit applies. This must include adequate and specific information on timing, sequencing, durations, technological measures, preventative measures, remedial measures, and compensatory measures to allow the Ministry to fully evaluate the anticipated effectiveness of the proposed measures. (Where there are multiple species or taxa requiring different mitigation regimes then these should be listed out separately within appropriate groupings.)

Part  $B-\underline{Monitoring}$  and Reporting (where required): Provide detailed descriptions of monitoring including timing, frequency, specific methodologies, etc. The monitoring protocol should also include the submission requirements (i.e. data collected and any data analyses undertaken, photographs, schedule of reporting).

Any other reasonably required information to support a request for a Permit:

From: Male, Sean

Sent: Friday, October 22, 2010 3:05 PM

To: 'Cameron, Amy (MNR)'; 'Zurbrigg, Heather (MNR)'

Cc: Arnold, Kimberley; 'Tom Hockin'; 334844

Subject: Recurrent - Updated REA Documents for McCann, Glendale, and North Burgess

Hi Amy and Heather,

I have uploaded updated REA documents for Northland's McCann, Glendale, and North Burgess solar projects. These revised reports include edits requested during our meeting on September 17th. These revised reports do not reflect changes recently requested in relation to the Crosby and Rideau Lakes solar projects.

Hard copies of these reports have also been mailed out based on Northland's request.

Login information is provided below. Please advise if you have any issues accessing these documents.

FTP site: <a href="ftp.hatch.ca">ftp.hatch.ca</a>
Login: 334844

Password: Crew87PoW!

If you have any comments or questions regarding these reports, please let me know.

Thank you,

Sean

#### Sean K. Male, M.Sc.

Terrestrial Ecologist/Environmental Assessment & Management



Tel: +1 905 374 0701 ext. 5280

Fax: +1 905 374 1157

4342 Queen Street, Suite 500, Niagara Falls, Ontario, Canada, L2E 7J7

From: Male, Sean

Sent: Tuesday, December 21, 2010 12:29 PM

**To:** 'Zurbrigg, Heather (MNR)'; Cameron, Amy (MNR)

Cc: 'Tom Hockin'; 334844; Arnold, Kimberley Subject: Northland - Updated McCann NH Reports

Hi Heather and Amy,

I have just uploaded updated McCann NH Reports to the FTP site. All should be up to date with the latest requests, with the exception of the RR, which doesn't address the Provincial Parks or Conservation Reserves. I have made this change and am getting the report re-PDFed today, but in case you were hoping to start your review shortly I thought I would send the most up-to-date version in advance. I will advise you once the updated RR is ready.

#### ftp.hatch.ca

login: 344844

password: Crew87PoW!

Thanks,

Sean

#### Sean K. Male, M.Sc.

Terrestrial Ecologist/Environmental Assessment & Management



Tel: +1 905 374 0701 ext. 5280

Fax: +1 905 374 1157

4342 Queen Street, Suite 500, Niagara Falls, Ontario, Canada, L2E 7J7

From: Male, Sean

Sent: Tuesday, December 21, 2010 4:47 PM

To: 'Zurbrigg, Heather (MNR)'; 'Cameron, Amy (MNR)'

Cc: 'Tom Hockin'; 334844; Arnold, Kimberley

Subject: Northland - Updated McCann and Crosby NH Reports

Hi Heather and Amy,

I have just uploaded the updated McCann NH RR and Crosby NH SIR and EOS Reports to the FTP site. Full sets of reports are available in each of the folders.

#### ftp.hatch.ca

login: 344844

password: Crew87PoW!

Thanks,

Sean

#### Sean K. Male, M.Sc.

Terrestrial Ecologist/Environmental Assessment & Management



Tel: +1 905 374 0701 ext. 5280

Fax: +1 905 374 1157

4342 Queen Street, Suite 500, Niagara Falls, Ontario, Canada, L2E 7J7

From: Cameron, Amy (MNR) [Amy.Cameron@ontario.ca]

Sent: Thursday, January 27, 2011 3:48 PM

To: Male, Sean

**Cc:** Zurbrigg, Heather (MNR); Verhoek, Emily (MNR)

Subject: Northland Power - McCann Solar Project - MNR Comments

Importance: High

Sean,

Below are comments for Northland's McCann Solar Project located in North Crosby Lot 1 Con 1. Let me know if you have any questions. There will be a few more comments coming tomorrow or Monday – I am just waiting for Shaun Thompson, District Ecologist to provide me with some input on a couple of items.

Thanks,

Amy Cameron
Planning Ecologist
MNR Pembroke District

613-732-5506

#### **General Comment:**

Maps need to be updated to show specifically where the candidate and significant wildlife habitat features are
present. Maps also need to be updated so that they indicate "Candidate" features in the Site Investigation and
EOS report and in the EIS the features deemed significant or provincially significant should be marked as such.

#### **Records Review**

- 1. **p.9. Table 2.1** delete Black Ratsnake from the table because it is a duplicate (see Eastern Ratsnake below).
- 2. Include MNR's letter in an appendix similar to how you include the RVCA letter.
- 3. **p. 10 Municipal Records** Was there any effort to consider the Official Plan or Zoning to determine if areas were identified as environmentally protected/sensitive etc. as part of records review?
- 4. **p. 11 s.2.6.1.1 Ontario Breeding Bird Atlas** were any species of conservation concern in the province as per criteria in the Significant Wildlife Habitat Technical Guide (ie. Declining species, S1-S3, federally listed etc.). Please consider the *Partners in Flight* document for determining if the bird species is considered declining.
- 5. **p. 11 s.2.6.1.1 Ontario Breeding Bird Atlas** Barn Owl was not included in the list of species at risk but is listed in the Ontario Breeding Bird Atlas for grid 18UO94. A description of Barn Owl and the potential for it to be found in or in the vicinity of the project area should be included in section 3.1.1. NOTE: ENDANGERED AND THREATENED SPECIES ARE CONSIDERED UNDER THE ENDANGERED SPECIES ACT, NOT UNDER THE RENEWABLE ENERGY APPROVALS REGULATION. THIS COMMENT IS STRICTLY TO ENSURE CONSISTENCY IN THE REPORT STYLE. The preferable option would be to remove all endangered and threatened species information and include it in a separate report to address APRD requirements.
- 6. **p. 14 Western Chorus frog** is listed as threatened under SARA but <u>not</u> under ESA. This correction is required. This also means that you should be aware that western chorus frog would be considered as a species of conservation concern under the SWHTG rather than a species at risk under the ESA.
- 7. information about presence/absence of conservation reserves is required
- 8. I recommend contacting the Eastern Ontario Model Forest in Kemptville to determine if they have access to additional information about the forests in the vicinity of your project area.

#### **Site Investigation**

- 1. **Map** should be adjusted so that the project site (currently in red) is deleted since the project site is actually the area encompassed by the dashed line titled Solar Panel Footprint Boundary.
- 2. Martine's Field Notes for the site visit completed October 14, 2010 need to be included as part of Appendix A.
- **3. p. 12&13** "Where the woodland intrudes on the Project location, much of the woodland opens up, and becomes sparsely treed, with Common juniper (Junperus communis) and Ash (Fraxinus sp.) commonly observed. As a

result portions of the woodland that overlaps the project location were determined to not meet the definition of a woodland according to O.Reg. 359/09." Clarification is required to verify whether the area should be considered as part of the woodland.

- 4. Table 4.1 should include information about whether the species is considered to be declining or if it is an area sensitive species
- **5. p. 18 Colonial bird nesting sites** "...and no further heronries were detected within the woodlands..." just a note that we would like clarification that you were looking in wetlands/swamps for heronries rather than woodlands.
- 6. p.18 Waterfowl stopover and staging areas "Waterfowl traditionally congregate in larger wetlands and clusters of small wetlands in close proximity and relatively undisturbed shorelines within vegetation...". Please add the text in blue and verify if the smaller wetlands within 120m of the project area would provide sufficient stopover and staging habitat.
- 7. p.19. include more detailed description as to why size of rock piles not sufficient, (e.g. no protection from frost).
- 8. **p.20 bat hibernacula** "bat hibernacula are found in caves or abandoned mines and in areas where karst is present." Include the text in blue and more details about the presence/absence of karst in the area.
- 9. **p. 20 Bullfrog concentration areas** there is no indication that an evening survey was completed for bullfrogs which would be the most appropriate time to determine presence/absence. It is recommended that information about bullfrog concentration areas be expanded to provide a more detailed explanation as to why/why not the available marsh areas are not suitable for bullfrogs. If the marsh provides suitable habitat (as suggested) this feature should be carried forward to the EOS report and EIS report so that appropriate mitigation can be included.
- 10. **p. 20 Rare Vegetation Communities or Specialized Habitat for Wildlife** "none of these vegetation communities were identified" I have asked Shaun Thompson to verify that American Elm is not considered a rare tree species in this area even though it has a coefficient of conservatism of 3 across the province. I will get back to you on this one.
- 11. **p. 21** if it is determined that bullfrogs will be assumed present then Habitat for area-sensitive species needs to be updated to include bullfrogs.
- 12. **p. 21 Forests providing a high diversity of habitats** more detail specific to forest size, availability of interior, streams, topography, stand ages and species composition, available wildlife habitat within the forest, etc. should be detailed in this section.
- 13. **Old growth or mature forest stands** as indicated in the SWHTG "the maturest forest stands in the planning area should be considered most significant." While trees in the area were not considered "over-mature" they were documented as mature in the vegetation description for woodlands 1 and 3. A detailed description on how the age class of these forested areas in comparison to the surrounding area should be included. It is recommended that the Eastern Ontario Model Forest be contacted since they may be able to provide supporting information about the surrounding area. Include information about current representation of mature stands in planning area, age of trees, age classes of trees in stand, stand history, degree of disturbance, presence/absence of fallen logs, etc. (see APPENDIX Q, Table Q-2).
- 14. p.21 Foraging areas with Abundant Mast "...no large patches of berry producing shrubs, or mountain ash, apple or black cherry trees were recorded." However on p. 12 black cherry trees are noted in the vegetation description.
- 15. **p.21 Specialized raptor nesting habitat** what behaviour was the red-tailed hawk exhibiting to suggest it was a migratory individual?
- 16. p. 21 Moose Calving Areas include description of features that were searched for.
- 17. **p. 22 Highly diverse areas** include more detailed description of factors considered in making this determination.
- 18. Osprey/Bald Eagle Nesting Habitat is missing
- 19. p. 21 Turtle Nesting Habitat may need to further considered and provide more detail since painted turtle was found on McCann Road. If it is deemed that there is no suitable nesting sites available in the project area, then consideration for a wildlife corridor for turtles needs to be considered because they will need to move from the wetland to a nesting area somehow. I have asked Shaun Thompson for input on this item and will provide you with more direction ASAP.
- 20. **p. 22 Highly Diverse Areas** need more detail about the current representation of such areas in the planning area, including information about species diversity, presence of rare species, size of the site etc. (See Appendix Q, Table Q-2 in the SWHTG).
- 21. p. 22 Cerulean Warbler may be present in Mature Maple/Basswood forests. This species is known from the area and is an interior specialist; therefore forest interior should be protected since this species may exist within the forest stand not surveyed. More information about the age of the forest stand is needed to determine suitability for Cerulean Warbler.

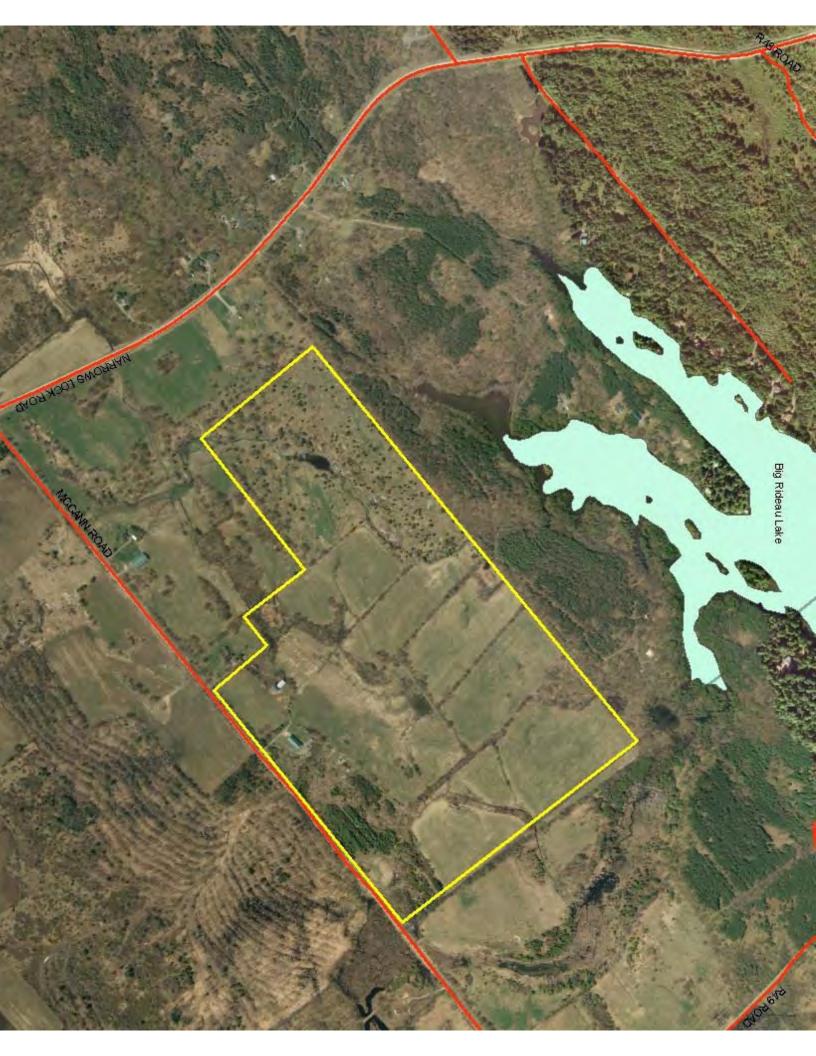
- 1. this report will need to be updated to reflect changes made in the Site Investigation Report
- 2. **p.11 Raptor Winter Feeding and Roosting Areas** presence of species of conservation concern, species diversity, abundance. It should be stated that red-tailed hawk was observed and indicate that it is not a species of conservation concern. More detail about the amount of area the solar project will use in relation to the amount of this type of habitat within the planning area should be included.
- 3. P. 11 Specialized habitat for wildlife the statement "red-breasted nuthatch and black-and-white warbler populations are stable within the province" should have a reference associated with it. Consider the Partners in Flight document. Again, the amount of available habitat that will be lost to these species as a result of development should be compared to the amount of habitat available in the planning area and also the amount available in this woodlot. As several of the criteria are met, this woodland would likely be considered significant for these area sensitive species. If there is sufficient evidence that can be included in this report to suggest otherwise, please include it. Otherwise, this feature should be considered significant for these area sensitive species.
- 4. Shaun Thompson, District Ecologist, will be asked to sign off on the wetland evaluation. If he has any additional concerns this will be brought to your attention immediately.
- 5. Shaun is also very familiar with Five-lined skink. He will be asked to comment on whether this species should be assumed present in the area.

#### **Environmental Impact Study**

- 1. This report will need to be updated to reflect changes made in the Site Investigation and Evaluation of Significance Report. A detailed review of the EIS will be completed once the SI and EOS are updated.
- 2. **Map** A map needs to be included that specifically marks areas to be cleared, setbacks from the various features from the fenced in area and vegetation maintenance areas etc.
- 3. p.14 s 4.1.1.1. last paragraph "In order to minimize..." change minimize to avoid
- 4. p.17-18 Operations Phase. I recommend specifically indicating that mowing activities will occur between late October and early November to avoid impacting snakes and amphibians. This timing will also mean that nesting is over.
- 5. p.17 S. 4.2.2 Operations Phase "If the species is determined to be a species of conservation concern
- 6. The area of land to be cleared for the purpose of a laydown area should be minimized or removed where possible. The removal of trees from these areas would be unnecessary if the materials could be set in the areas that will already be cleared to erect solar panels. Alternatively, the cleared area in the northeast corner of the project area should be considered as a laydown area as should the already cleared area near the location of the proposed gate/substation.

#### **Species at Risk**

- The following species, although listed in the NHA reports, will need to be considered separately as part of the APRD requirements. Species at Risk Biologist for Kemptville District, Emily Verhoek, should be contacted directly to discuss any species at risk concerns you may have. All species at risk information presently included in the reports has been shared with Emily.
- American Ginseng was this species searched for in areas with suitable Maple/Basswood forests? Even
  though the wooded area that may provide suitable habitat will not be removed, this species is shade-loving and
  requires a specific microclimate that may be altered when trees along the periphery are removed. Additional
  consideration should be given to this species.
- **Butternut** It is recognized that 1 non-retainable butternut is planned for removal. Please contact Emily prior to removal to confirm this record.
- **Bobolink** It is recognized that Bobolink were found on site. Please contact Emily to discuss permit requirements under the ESA.
- Blanding's Turtle and Stinkpot It is recognized that Blanding's Turtle may occur in the watercourse situated within 120m to the east of the project site. Please contact Emily to discuss.



Cameron, Amy (MNR) [Amy.Cameron@ontario.ca] From:

Sent: Friday, January 28, 2011 5:16 PM

Male, Sean To:

Cc: Zurbrigg, Heather (MNR)

FW: Northland Power - McCann Solar Project Subject:

Attachments: northland.ipg

High Importance:

#### Sean.

Below are the comments I received from Shaun Thompson along with the questions I asked him to clarify for me. I will wait for the updates to McCann prior to reviewing further. I was not able to get the FTP site working from my end and I don't know why, so all of the comments I provided for this site are related to the October version that you submitted by hardcopy.

Let me know if you have questions.

Amy Cameron Planning Ecologist MNR Pembroke District

613-732-5506

From: Thompson, Shaun (MNR) Sent: January 28, 2011 3:47 PM To: Cameron, Amy (MNR)

Cc: Zurbrigg, Heather (MNR); Thompson, Erin (MNR) Subject: RE: Northland Power - McCann Solar Project

Responses to questions below in .....hmmmm.....teal! All comments are based on looking at information as it pertains to attached map with what I assumed to be the property in question. Let me know if I am considering the wrong area.

From: Cameron, Amy (MNR) **Sent:** January 27, 2011 2:56 PM **To:** Thompson, Shaun (MNR)

**Cc:** Zurbrigg, Heather (MNR); Thompson, Erin (MNR) Subject: Northland Power - McCann Solar Project

Importance: High

Shaun.

I am interested in getting your input on a few things related to Northland's McCann Solar Project located in North Crosby Twp on the northeast half of Lot1 Con1.

1. What is the potential for Five-lined skink to be present? Should the company assume presence and mitigate or is there no likelihood of the skink being there? If you suggest that mitigation is required what would that look like? The potential for skink here is extremely low. I have never been able to find any in the general vicinity from Murphys Point P.P. and west until you hit Sharbot Lake area. There appears to be some open rock on site but is not part of an extensive rock barren system and just looks like an overgrazed, poorly vegetated site on shallow soils over bedrock. Seen many of these in the area and they have not produced any skink. I don't think it would be fair to insist on any targeted surveys for the species on this site. If one were to conduct such a survey it would involve searching under loose rock and woody debris along open rocky section on north-west portion of

property during the summer from May to August. Mitigation would be to avoid rocky portions and/or provide suitable substrate for cover such as medium sized flat, cover rocks scattered around on the rocky outcrop area.

- 2. In the breeding bird atlas (1<sup>st</sup> version) a Barn Owl was documented here I think. Could you double check and let me know if you think this occurrence is worth worrying about. Do you have this information? I checked the Atlas of the Breeding Birds of Ontario (1985) and found no reference there to this area. Nothing showed up on our NHIC for the area either. I am not personally aware of sightings in the area.
- 3. Bullfrogs Concentration Area there was no evening survey completed and it was suggested in the report that the marsh may provide suitable habitat but bullfrogs are dismissed as not being present because not detected during day-time surveys (May 17, Aug 10, Oct 14). Based on my level of comfort with the site investigation I would not be willing to accept their survey as definitive absence of the species, so I'm looking for a best guess from you as to whether or not you would expect bullfrogs to be present. If you are at all inclined to think they may be I will ask them to carry this feature forward into the EIS so mitigation can be afforded. Looking at the air photo it is possible there are no bullfrogs on the property. There is the one small pond in the west and a couple of small watercourse which look as though they may dry out in summer. Bullfrogs typically inhabit larger, permanent marshes with extensive water-lily and other floating veg. They require 2-4 years in Ontario as tadpoles to mature or morph into a frog so usually found in the above-described wetlands for this reason. They will move about as adults from wetland to wetland but still prefer larger, more vegetated wetlands than this site presents. Am I missing a marsh? Check my map. There are some marshes off site that may provide habitat for bullfrogs, but even they look a little lacking.
- 4. Is American Elm considered a type of rare tree in Kemptville District. I though I heard Linda Touzin mention that at the Woodland Training this week. American Elm were identified in the study area. American elm is not a SAR nor rare in KV District. It is very common, but suffers from Dutch elm disease and has seen significant reduction in numbers mostly in the older age category. Trees do proliferate well but most eventually succumb to disease.
- 5. Painted Turtle were found on McCann Road. Do you think there is any potential for nesting to occur on the project site? Would this painted turtle use the wetlands on or within 120m of the project site? It is possible that a number of turtle species could nest on site and use the pond on site and ones adjacent to it. I would consider Blanding's in the bit of pond in the SE corner of the property a possibility as well as in a couple of the ponds off site and snapping turtle. Musk turtle are in the Rideau and it is less than 120m away and directly connected to wetland that runs along the adjacent property to the east.
- 6. A section of the woodland that is deemed significant by MNR is proposed for removal along with the hedgerows. I am planning on requesting some habitat enhancement take place for compensation. What would be your priority species to enhance the habitat for and can you give me some ideas to put forward? Looking at the air photo the concept of mitigation through enhancing grassland habitat appeals to me. There is not much forest here now, nor much mature forest contiguous with or adjacent to the site. It is in the range of Golden-winged warbler and shrike so maybe some plantings of an appropriate density of native hawthorns, cedar (eastern white or red *Juniperus virginana*), gray dogwood, etc. might be a better fit with surrounding landscape and habitat potential. Some scattered plantings of shagbark hickory or white ash, sugar maple, red oak or white pine along the outside edges to provide raptor nest/perch trees, cavity trees, mast production, etc. in the long term would be good. These are typical species for the area and with suggested shrub species would provide that forest/field edge environment that would attract and support anticipated bird, small mammal and snakes species and fit with the overall landscape and anticipated site use.
- 7. Have you seen the wetland evaluation for this site and given it the okay yet? If not, I will get Heather to bring you a copy. I don't recall seeing a wetland evaluation for this site. Pretty sure...

Lots of questions....

Thanks

Amy Cameron Planning Ecologist MNR Pembroke District

613-732-5506

From: Cameron, Amy (MNR) [Amy.Cameron@ontario.ca]

Sent: Tuesday, February 08, 2011 2:57 PM

To: Male, Sean

Cc:Zurbrigg, Heather (MNR)Subject:McCann Solar Project

Sean,

Just wanted to clarify the following comment that was included in my email sent January 27, 2011.

#### Site Investigation (bullet #3)

3. p. 12&13 – I requested clarification to verify whether the area should be considered as part of the woodland – I recognize that there was a reference made to O.Reg 359/09 but the details about why this does not meet the criteria/definition of a woodland should be included. Also, could you please clarify if you are using the new definition of woodland that was recently implemented or the old definition of woodland that was based on stem counts etc.

If you need further clarification please let me know.

Amy Cameron Planning Ecologist MNR Pembroke District

613-732-5506

From: Male, Sean

Sent: Monday, February 14, 2011 1:46 PM

To: Zurbrigg, Heather (MNR); 'Cameron, Amy (MNR)'

Subject: Northland Power - McCann - Review of Wetland Evaluation?

Hi Heather and Amy,

I am getting close to having revised NH reports to you for the McCann project and was wondering if Shaun has had a chance to review the wetland evaluation yet?

If possible, if there were any comments I would prefer to incorporate them into this version of the reports to avoid having to make another set of revisions.

Also, I have contacted the Eastern Ontario Model Forest as you had recommended, but have yet to hear anything back from them. Hopefully I will have some input from them shortly, but if not, I may give you a call at the end of the week to discuss alternate ways of resolving your comments in that regard.

Thanks,

Sean

#### Sean K. Male, M.Sc.

Terrestrial Ecologist/Environmental Assessment & Management



**Tel:** +1 905 374 0701 ext. 5280 Fax: +1 905 374 1157 4342 Queen Street, Suite 500, Niagara Falls, Ontario, Canada, L2E 7J7

**From:** Zurbrigg, Heather (MNR) [Heather.Zurbrigg@ontario.ca]

Sent: Thursday, February 17, 2011 9:20 AM

To: Male, Sean

Cc: Dixon, Rebecca (MNR); Thompson, Shaun (MNR); Cameron, Amy (MNR)

Subject: McCann follow up

Hi Sean,

I have discussed with Shaun Thompson a couple of points with respect to the follow up issues on the McCann solar project from our Feb. 7<sup>th</sup> telecon.

#### Fencing:

We had suggested during our telecom that perhaps if the fence could be raised a little bit off the ground, it might allow for wildlife passage underneath. You have since informed us that as per safety codes, the maximum height a fence could be off the ground would be 2". You also suggested the idea of culverts and wondered if they might be an appropriate alternative. We don't think culverts are necessary and are too focused. Not likely to be used by wildlife consistently, and are an issue with predators. 2" gap at the bottom of the fence is recommended.

#### **Compensation plantings:**

During the telecon, we had suggested that perhaps additional mitigation in the form of creation of raptor wintering and feeding areas might be warranted in this case if there were to be portions of this habitat removed. You have mentioned that in the NW corner, there is a piece of land that might be appropriate for plantings and is owned by the proponent. We suggest that the proponent retain as much as possible of the current habitat for raptor roosting sites and for the long term, planting things like poplar, red oak, white ash around the perimeter of the NW portion that would create places for raptors to nest in, they would also provide mast, and potentially cavity trees down the line. It is recommended that any downed woody debris from forest removal be placed around the perimeter of the existing forest for habitat in terms of feeding areas as well. In the NW corner, it is currently an open and shubby area, we would like the proponent to plant hedgerows around the perimeter and a light scattering of ash and oak throughout the area. Also, recreate habitat on the N edge of the site itself by planting the abovementioned species around the periphery. If you have any questions about this plan, please contact me or Shaun Thompson and we would be happy to discuss further details pertaining to how this can be implemented.

#### **Wetland evaluation:**

Shaun Thompson has had a look at the wetland evaluation that was included in the NHA report for this site. His comments are pending and he will get comments to you as soon as he is able. At this time his focus is on the watersheds, complexing and SAR. Do keep in mind that there is the potential to perform a 'scoped' wetland evaluation if you are willing to assume the significance of the wetland.

Please let me know if I have missed anything or if you have any further questions.

#### Heather

Heather Zurbrigg Renewable Energy Planning Ecologist Ontario Ministry of Natural Resources (613)-258-8366

 $\mathbf{g}\mathbf{X}$  Please consider the environment before printing this e-mail.

From: Cameron, Amy (MNR) [Amy.Cameron@ontario.ca]

Sent: Monday, February 28, 2011 2:40 PM

To: Male, Sean

**Cc:** Zurbrigg, Heather (MNR)

Subject: RE: McCann - Absence of information from Eastern Ontario Model Forest

Okay - I'll check out the McCann file tomorrow and give you more specific direction on how to proceed. Because of the weather I didn't make it into the office today so I don't have the file with me.

# Amy Cameron

Planning Ecologist Ministry of Natural Resources Pembroke District 613-732-5506

From: Male, Sean <a href="mailto:SMale@Hatch.ca">[mailto:SMale@Hatch.ca</a>]

**Sent:** Mon 28/02/2011 2:27 PM

To: Cameron, Amy (MNR); Zurbrigg, Heather (MNR)

Subject: RE: McCann - Absence of information from Eastern Ontario Model Forest

Hi Amy,

#### Welcome back.

I just wanted to clarify that I did hear back from Mark Richardson after I sent my last e-mail. Mark and I spoke and then he sent me an e-mail saying they didn't have any specific data on the area.

Thanks,

Sean

### Sean K. Male, M.Sc.

Terrestrial Ecologist, Environmental Assessment & Management Tel: +1 905 374 0701 ext. 5280 Niagara Falls, ON

From: Cameron, Amy (MNR) [mailto:Amy.Cameron@ontario.ca]

**Sent:** Monday, February 28, 2011 2:23 PM **To:** Male, Sean; Zurbrigg, Heather (MNR)

Subject: RE: McCann - Absence of information from Eastern Ontario Model Forest

Sean

The EOMF office is located in the same building as the Kemptville MNR office. Perhaps Heather and I can have a discussion with them this Thursday when I'm in Kemptville to see what information they would have available in that area.

I've been away for the past 2 weeks so I don't know where the wetland evaluation sits. I'll get back to you on that when I chat with Heather tomorrow morning.

### Amy Cameron

Planning Ecologist Ministry of Natural Resources Pembroke District 613-732-5506

From: Male, Sean [mailto:SMale@Hatch.ca]

Sent: Mon 28/02/2011 12:21 PM

To: Cameron, Amy (MNR); Zurbrigg, Heather (MNR)

Subject: McCann - Absence of information from Eastern Ontario Model Forest

Hi Any and Heather,

I am hoping to finalize the McCann NH reports shortly and since we were unable to obtain information from the EOMF, I wanted to follow-up re pt. 13 of your comments with respect to the site investigation report. Primarily, how do we consider the age classes of forests in the surrounding area without this information?

Also, any word from Shaun Thompson on the wetland evaluation yet?

Thanks,

Sean

### Sean K. Male, M.Sc.

Terrestrial Ecologist/Environmental Assessment & Management



**Tel:** +1 905 374 0701 ext. 5280 Fax: +1 905 374 1157 4342 Queen Street, Suite 500, Niagara Falls, Ontario, Canada, L2E 7J7

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From: Zurbrigg, Heather (MNR) [Heather.Zurbrigg@ontario.ca]

**Sent:** Tuesday, March 01, 2011 12:01 PM

To: Male, Sean

Cc: Cameron, Amy (MNR)

**Subject:** FW: McCann wetland evaluation comments

Attachments: McCann.jpg

Hi Sean,

Here are the McCann wetland evaluation comments from Shaun Thompson. Sorry it took me so long to flip them your way!

Cheers,
-Heather

**Heather Zurbrigg** Renewable Energy Planning Ecologist Ontario Ministry of Natural Resources (613)-258-8366

 $\mathbf{g}\mathbf{X}$  Please consider the environment before printing this e-mail.

From: Thompson, Shaun (MNR)
Sent: February 17, 2011 1:58 PM
To: Zurbrigg, Heather (MNR)
Cc: Cameron, Amy (MNR)

**Subject:** McCann wetland evaluation comments

Hi Heather,

After reviewing the evaluation for this site I have some concerns regarding the non-PSW conclusion. I am not in a position to emphatically state that the conclusion is wrong or that it is indeed PSW, however I have some items to address that I believe were overlooked and if investigated further provide a convincing argument to suggest that a PSW status is warranted.

I have attached an image with a number of wetlands drawn from air photo interpretation.

The concept of complexing wetlands under OWES does not consider 120 m in any way. The distance rule for complexing is 750 m. This is the distance one should bear in mind when considering whether wetland units can be complexed. The concept of catchment basin is used for scoring wetlands under the hydrology section of an evaluation. It is not used as a rule for whether certain wetland units should be considered to be in or out of a particular complex. The application of catchment basin in this report seemed to be based on a sub-sub- watershed level and then used to determine where the line should be drawn to include/exclude wetland units from a complex as if it were a watershed divide. Once evaluated, wetlands of a determined significance are then assessed as to whether they fall within or in proximity to a project site — this is where the 120m becomes relevant. Using the 750 m rule there are a number of wetland units that were not included in the report that I feel most certainly should have been. This would increase scores under the Biological component of the evaluation to some degree (increased size, biodiversity, interspersion, etc.). It is not likely to raise this score over 200 points. I also noticed a small addition error under the Biological section — missed 10 points in summary for vegetation communities. 98 points as scored rather than 88.

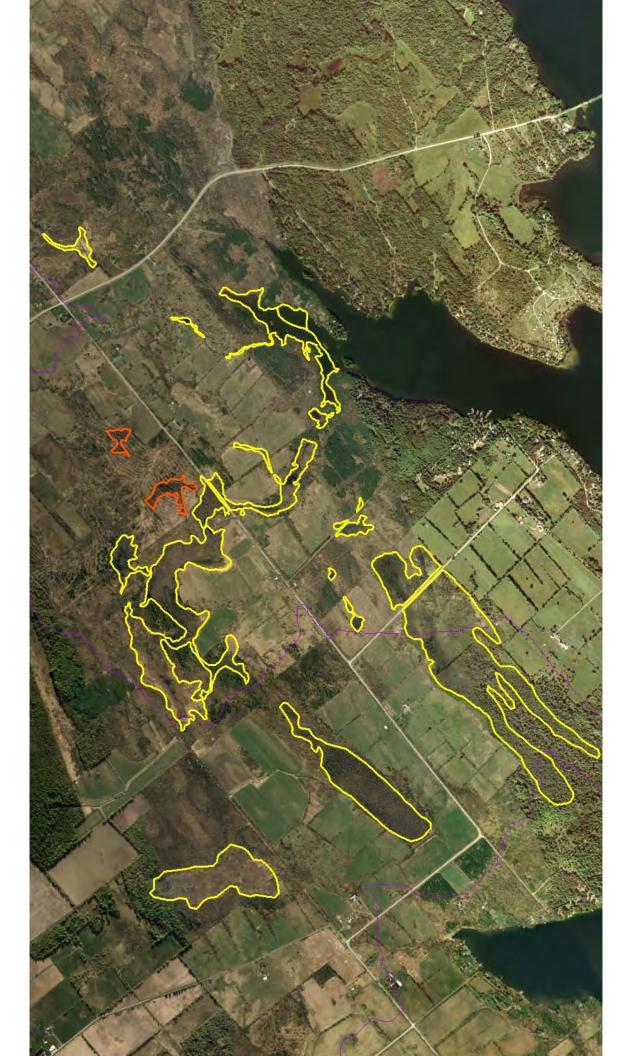
The watersheds here are the Rideau and Cataraqui and are visible on the map I attached (thin purple line). Most of the wetland units I delineated fall within the Rideau watershed and flow in to Big Rideau Lake at a local level. Some are across the watersheds as it is drawn in our database. One could make the argument that these could be included in the same complex as they could be considered headwater wetlands.

Although no species were observed for scoring under the special features section, I am sceptical that this is actually the case, especially when you consider some of the habitats in the wetlands in the report and those added by me. There are reports in this landscape of Blanding's turtle, musk turtle, least bittern, map turtle, snapping turtle, ribbonsnake, black tern, pugnose shiner and bridle shiner. If one includes the small bays of the Rideau in this potential complex (which I am recommending) then there is a strong potential for musk turtle, snapping turtle, and pugnose shiner. There is good marsh habitat in the south end of these bays for black tern and least bittern as well as excellent habitat for least bittern and Blanding's in the large marshes south of McCann Road. In summary, there is a lot of potential for some of these species to exist in different portions of the wetland units I mapped as part of a potential complex. Given this potential and the implications there existence would have on both the wetland evaluation and SAR component of the required studies for this proposal I feel it is appropriate to carry out targeted surveys to determine presence of the above species before one discounts the possibility of them being present – or assume their presence for the purposes of the wetland evaluation and score accordingly.

The two orange polygons on my map are areas that I am unsure of. Since they were logged recently it is hard to interpret what type of vegetation is intact and coming back in. There is standing water on the ground under the remnant canopy.

Those are the two main points I wanted to make – missed areas to be included in complex and significant species not given appropriate consideration under special features.

shaun



From: Male, Sean

**Sent:** Thursday, March 03, 2011 1:13 PM

To: Zurbrigg, Heather (MNR); 'Cameron, Amy (MNR)'

**Cc:** 'Tom Hockin'; 334844

Subject: McCann - A few unresolved questions to finalize our edits

**Attachments:** McCann.jpg; 20110303131039281.pdf

Hi Heather and Amy,

As discussed with Heather yesterday, we have a few questions left to finalize this report and get edits back to yourselves.

- 1. Given the absence of information available from EOMF, we are looking for some direction in respect of how we determine age class of woodlands in the area? (in relation to comment 13 on the SI report in your e-mail of Jan. 27<sup>th</sup>)
- 2. In respect of the planning area, we had discussed using 6E-11 as the planning area. We can pursue this, however I just wanted to point out that given the size of the planning area, the numbers for the Project location will be very diminished. For example, the majority of the planning area likely meets the requirements for raptor winter feeding and roosting (i.e., complexes of woodlands and grasslands), which would result in a value for the availability of this habitat type on the order of hundreds of thousands of hectares. Similarly, we have (based on LIO layers), determined that when combining all woodlands with more than 8 ha of interior forest habitat there is approximately 41,000 ha of forest interior habitat present within 6E-11. Based on these levels, the relative amount available on and within 120 m of the Project location site will come out as insignificant (approximately 40 ha of raptor winter feeding and roosting, and 9 ha of interior forest). I just want to confirm that that remains the approach we wish to take before we re-submit. (In relation to comments 2 and 3 on the EOS report in your e-mail of Jan. 27<sup>th</sup>)
- 3. In respect of the wetland community, based on Shaun's latest e-mail, it is my understanding that we must either (a) complete more field work this summer in order to confirm a designation of non-PSW (which based on complexing may be difficult to prove), or (b) utilize the alternate approach to wetland evaluation outline in the NHAG that would see the Project shift outside of the wetland complex that is treated as significant. If we take the latter approach, I would like to confirm the boundary of the wetland complex in question. I have attached two PDFs to this message. One contains Shaun's delineation of the wetland complexes, and the other contains the NRSI map, with some comments on it. Can you please review and confirm that I am on the right track?

If we can resolve these issues this week I would anticipate having revised reports to you next week.

Thanks,

Sean

Sean K. Male, M.Sc.

Terrestrial Ecologist/Environmental Assessment & Management



**Tel:** +1 905 374 0701 ext. 5280 Fax: +1 905 374 1157 4342 Queen Street, Suite 500, Niagara Falls, Ontario, Canada, L2E 7J7

From: Zurbrigg, Heather (MNR) [Heather.Zurbrigg@ontario.ca]

**Sent:** Friday, March 04, 2011 2:12 PM

To: Male, Sean

Cc:Cameron, Amy (MNR)Subject:McCann follow up

Attachments: Response to Sean Male March 4,2011.doc

Hi Sean,

In response to your questions yesterday about the McCann woodland and wetland followup, please see attached note.

Hope this helps, and if there are any further questions, please don't hesitate to contact Amy or myself.

Cheers,

### Heather

Heather Zurbrigg Renewable Energy Planning Ecologist Ontario Ministry of Natural Resources (613)-258-8366

 ${f g}{f X}$  Please consider the environment before printing this e-mail.

From: Zurbrigg, Heather (MNR) [Heather.Zurbrigg@ontario.ca]

**Sent:** Friday, April 01, 2011 9:26 AM

To: Male, Sean

Cc: Tom Hockin; Cameron, Amy (MNR); Fraser, Jim (MNR); Durst, Ken (MNR); Beal, Jim (MNR);

Santos, Narren (ENE); Dixon, Rebecca (MNR)

**Subject:** NHA confirmation letter - McCann Attachments: NHA conf. letter - McCann.pdf

Importance: High

Hi Sean,

Please find the confirmation letter for Northland Power's McCann solar project attached. I will send the signed copy courier to you today. The APRD letter will follow next week, indicating what other work or potential approvals might need to be considered under other legislation.

Thanks so much for all of your hard work on this report!

### Heather

Heather Zurbrigg Renewable Energy Planning Ecologist Ontario Ministry of Natural Resources (613)-258-8366

 $\mathbf{g}\mathbf{X}$  Please consider the environment before printing this e-mail.

From: Zurbrigg, Heather (MNR) [Heather.Zurbrigg@ontario.ca]

Sent: Friday, March 04, 2011 4:30 PM

To: Male. Sean

Cc: Cameron, Amy (MNR) Subject: RE: McCann follow up

Attachments: drape and old growth mcCann.jpg; old growth.pdf

High Importance:

Hi Sean,

As per our discussion this afternoon, please find attached the maps of the McCann property and the surrounding area depicting the old growth occurrences in the area. First map is a closer image with the Drape layer on, and the second is a larger picture of the area. The brown filled in areas are the old growth woodlands as determined by Kemptville District MNR, and the brown outlines are 'woodlands supporting old growth'. As you can see the area that the proponent is wishing to remove, is not characterised as such. It would of course still be preferable if the woodland (or as much of it as possible) could remain in tact, but as you can see the amount of old growth in the area is such that the removal of the woodland would likely not impact the larger picture of old growth or be the most significantly mature woodland in the area.

Hope this helps. -Heather

# **Heather Zurbrigg**

Renewable Energy Planning Ecologist Ontario Ministry of Natural Resources (613)-258-8366

 $\mathbf{g}\mathbf{X}$  Please consider the environment before printing this e-mail.

From: Male, Sean [mailto:SMale@Hatch.ca]

Sent: March 4, 2011 2:45 PM To: Zurbrigg, Heather (MNR) Cc: Cameron, Amy (MNR) Subject: RE: McCann follow up

Thanks Heather,

I called and left a message, but on the off chance that you and Amy are sequestered in a room somewhere can you give me a call when you get a chance to discuss. I am in the office today until 4:30.

Thanks,

Sean

# Sean K. Male, M.Sc.

Terrestrial Ecologist, Environmental Assessment & Management Tel: +1 905 374 0701 ext. 5280 Niagara Falls, ON

From: Zurbrigg, Heather (MNR) [mailto:Heather.Zurbrigg@ontario.ca]

Sent: Friday, March 04, 2011 2:12 PM

To: Male, Sean

Cc: Cameron, Amy (MNR) Subject: McCann follow up

Hi Sean,

In response to your questions yesterday about the McCann woodland and wetland followup, please see attached note.

Hope this helps, and if there are any further questions, please don't hesitate to contact Amy or myself.

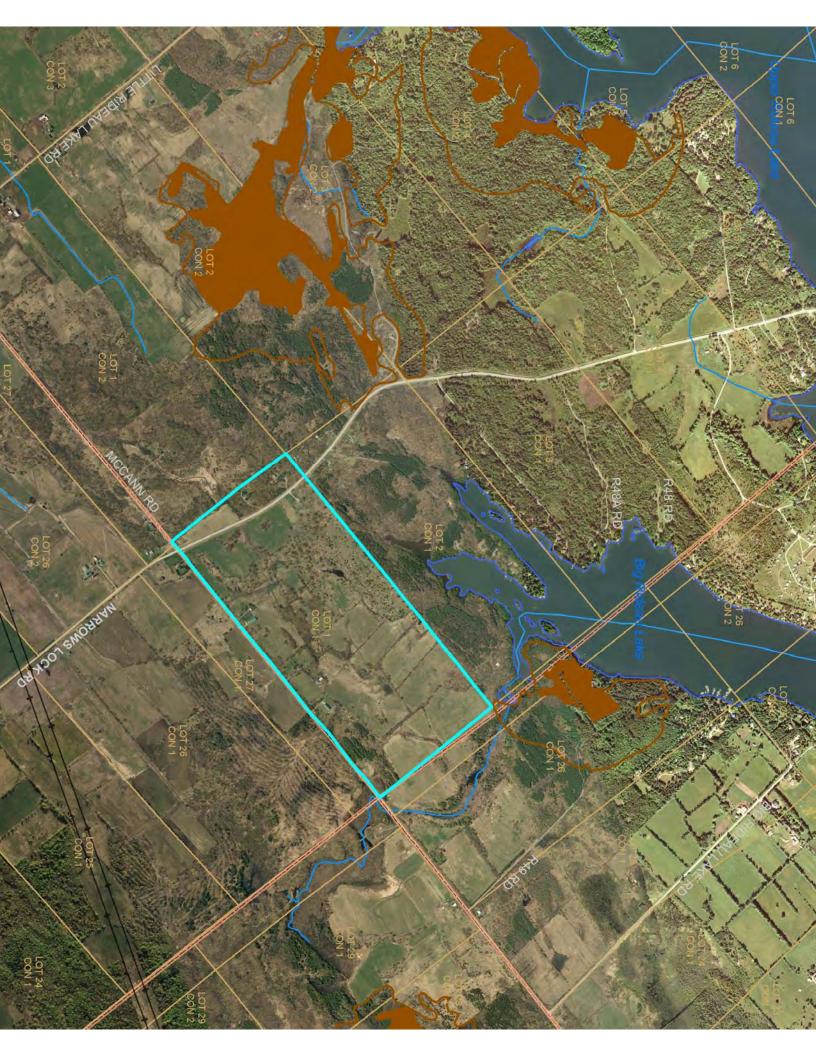
Cheers,

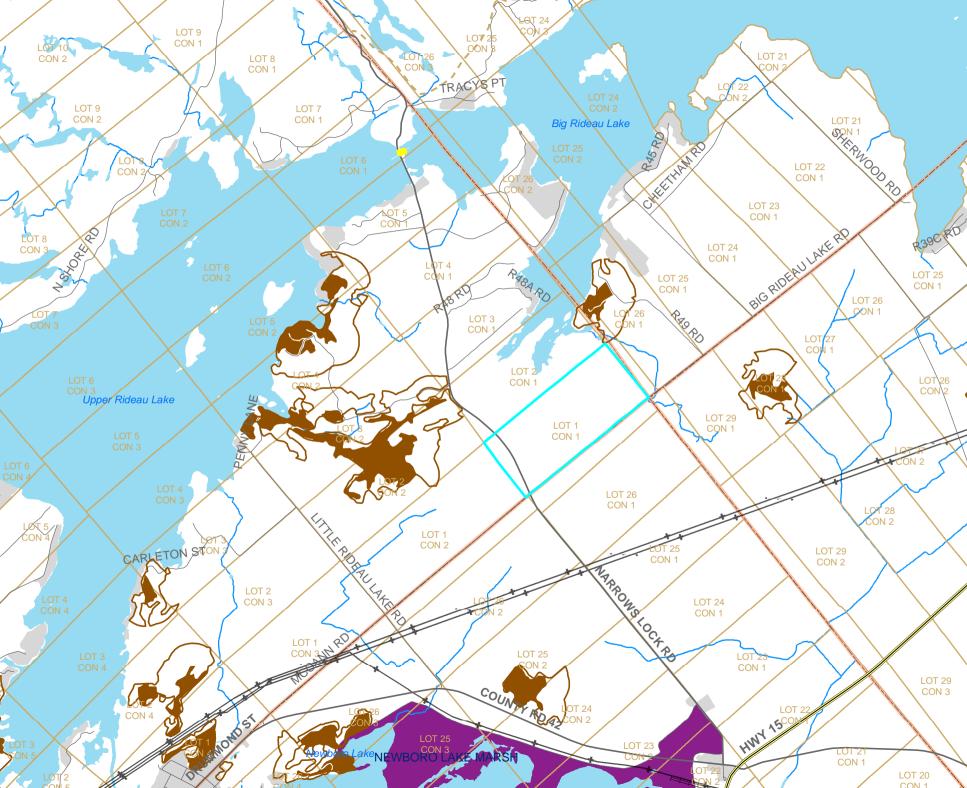
### Heather

Heather Zurbrigg Renewable Energy Planning Ecologist Ontario Ministry of Natural Resources (613)-258-8366

 ${f g}{f X}$  Please consider the environment before printing this e-mail.

NOTICE - This message from Hatch is intended only for the use of the individual or entity to which it is addressed and may contain information which is privileged, confidential or proprietary. Internet communications cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, arrive late or contain viruses. By communicating with us via e-mail, you accept such risks. When addressed to our clients, any information, drawings, opinions or advice (collectively, "information") contained in this e-mail is subject to the terms and conditions expressed in the governing agreements. Where no such agreement exists, the recipient shall neither rely upon nor disclose to others, such information without our written consent. Unless otherwise agreed, we do not assume any liability with respect to the accuracy or completeness of the information set out in this e-mail. If you have received this message in error, please notify us immediately by return e-mail and destroy and delete the message from your computer.





# Ministry of Natural Resources

Kemptville District

10 Campus Drive Postal Bag 2002 Kemptville, ON K0G 1J0 Tel: 613-258-8204 Fax: 613-258-3920

#### Ministère des Richesses naturelles

District de Kemptville

10 Dr. Campus Sac Postal, 2002 Kemptville, ON K0G 1J0 Tél.: 613-258-8204 Téléc.: 613-258-3920



April 1, 2011

Sean Male Hatch Environmental Assessment & Management Niagara Falls, Ontario

To Mr. Male,

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 McCann Solar Project in Township of Rideau Lakes submitted by Northland Power.

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:

- 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.
- 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 assessment report has been prepared in accordance with procedures established by the MNR.

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.

If you wish to discuss any part of this confirmation or additional comments provided, please contact Heather Zurbrigg at <a href="heather.zurbrigg@ontario.ca">heather.zurbrigg@ontario.ca</a> or at (613)-258-8366.

Sincerely,

Ken Durst

District Manager

Kemptville District MNR

cc. Jim Beal, Renewable Energy Provincial Field Program Coordinator, Regional Operations Division, MNR

Narren Santos, Environmental Assessment and Approvals Branch, MOE



# **Appendix G Correspondence with Municipalities**

From: Arnold, Kimberley

Sent: Wednesday, July 07, 2010 3:29 PM

**To:** 334844

Subject: FW: Northland Power's Proposed Solar Projects within the United Counties of Leeds and

Grenville

---

Kimberley Arnold, B.Sc., M.E.S.

Manager - Environmental Services, Renewable Power

Hatch

Phone: 905.374.0701 Ext. 5318 Email: karnold@hatch.ca



# Please consider the environment before printing my e-mail

From: Male, Sean

Sent: Wednesday, June 30, 2010 5:07 PM

To: lesley.todd@uclg.on.ca

Cc: 'sandy.hay@uclg.on.ca'; Arnold, Kimberley; Tom Hockin; Mike Lord

Subject: Northland Power's Proposed Solar Projects within the United Counties of Leeds and Grenville

Dear Ms. Todd,

Please find attached copies of the Project Description Reports and Municipal Consultation Forms for Northland Power Solar's proposed solar projects within the United Counties of Leeds and Grenville, known as the Crosby, McCann, and Rideau Lakes projects.

As the clerk for the municipality, the municipal consultation forms are being provided to yourself as required by Section 18 of the Renewable Energy Approval Regulation (O.Reg. 359/09) of the Environmental Protection Act. Section 18 stipulates that these forms are to be submitted to the clerk at least 90 days prior to the final Public Information Centre (PIC) for the proposed projects, the date of which has yet to be determined. The supporting documentation to the Municipal Consultation Form, such as the Construction Plan Report, will be provided to yourself at least 60 days prior to this final PIC.

The first portion of the Municipal Consultation Form has been completed by Hatch/Northland Power to provide the general information on the project. The second portion of the Municipal Consultation Form is to be completed by the municipality, and then provided back to Hatch/Northland for review and eventual submission to the Ontario Ministry of the Environment along with the Renewable Energy Approval application.

If you have any questions about the Municipal Consultation Form or the Renewable Energy Approval process, please do not hesitate to contact me. For your information, I have spoken with Sandy Hay of the County in relation to these projects.

Sincerely,

### Sean K. Male, M.Sc.

REA Coordinator/Environmental Assessment & Management



**Tel: +1 905 374 0701 ext. 5280**Fax: +1 905 374 1157
4342 Queen Street, Suite 500, Niagara Falls, Ontario, Canada, L2E 7J7

From: Male, Sean

Sent: Wednesday, June 30, 2010 5:07 PM dianna@twprideaulakes.on.ca

**Cc:** slaidman@twprideaulakes.on.ca; 334844; tom.hockin@northlandpower.ca;

mike.lord@northlandpower.ca; Arnold, Kimberley

**Subject:** Northland Power's Proposed Solar Projects within Township of Rideau Lakes

Dear Ms. Bresee,

Please find attached copies of the Project Description Reports and Municipal Consultation Forms for Northland Power Solar's proposed solar projects within the Township of Rideau Lakes, known as the Crosby, McCann, and Rideau Lakes projects.

As the clerk for the municipality, the municipal consultation forms are being provided to yourself as required by Section 18 of the Renewable Energy Approval Regulation (O.Reg. 359/09) of the Environmental Protection Act. Section 18 stipulates that these forms are to be submitted to the clerk at least 90 days prior to the final Public Information Centre (PIC) for the proposed projects, the date of which has yet to be determined. The supporting documentation to the Municipal Consultation Form, such as the Construction Plan Report, will be provided to yourself at least 60 days prior to this final PIC.

The first portion of the Municipal Consultation Form has been completed by Hatch/Northland Power to provide the general information on the project. The second portion of the Municipal Consultation Form is to be completed by the municipality, and then provided back to Hatch/Northland for review and eventual submission to the Ontario Ministry of the Environment along with the Renewable Energy Approval application.

If you have any questions about the Municipal Consultation Form or the Renewable Energy Approval process, please do not hesitate to contact me. For your information, a representative of Northland Power and I met with Sheldon Laidman of the Township on June 15th to initiate municipal consultation in respect of these proposed projects.

Sincerely,

Sean

-----

Sean K. Male, M.Sc. REA Coordinator Hatch 905-374-0701 x5280 smale@hatch.ca



1.1 - Renewable Energy Project

# 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

Propose early avoidance/prevention/mitigation concepts and measures.

# PART A: TO BE COMPLETED BY THE APPLICANT BEFORE SUBMITTING TO MUNICIPALITY OR LOCAL AUTHORITY

### **Section 1 - Project Description**

	et identifier to be used as Solar McCann	s a refe	erence in corres <sub>l</sub>	oondence)			
Drainet Longtion							
Project Location	-il Addr	- D	/ No /lf no mlos			- \	
Same as Applicant Phys	sical Address? Ye formation (includes street r	12		ase provide site address info	rmation belov	,	r (i.e. apartment number)
711 Narrows Lock	•	iumber	, riarrie, type and c	iirection)		Offic Identifie	i (i.e. apariment number)
Survey Address (Not re-	quired if Street Information	is prov					
Lot and Conc.: used to indicate location and consists of a lot nur number.	n within a subdivided towns nber and a concession	hip		ce: ocation within unorganized to g the location within that plan			art and a reference plan
Lot	Conc.			Part		Refere	ence Plan
Lacation Information (in	aludaa anu additianal infam	mation	to alarify physical l	location //o a municipality w	ard/taumahin	<u> </u>	
Township of Rideau		nauon	to ciarily physical i	ocation)(e.g. municipality, w	aru/ townsnip	)	
Township of Ridead	Lakes						
	southwest corner of propert						T
Map Datum	Zone	Accur	ccuracy Estimate Geo Referencing Method UTM Eastin			g	UTM Northing
	ine construction, operati						
Construction - Construction of access roads, clearing and ground leveling for solar panel installation and lay down areas, installation of support structures, including concrete foundations. Also underground cabling and the distribution line for the produced power will be constructed. Additionally, if required, erosion and sedimentation control measures and fencing around the Project site could also occur. Operation - Operation and maintenance of solar panels and associated infrastructure.  Decommissioning - Removal of all project infrastructure and site restoration of disturbed areas to past land use activities.							
1.2 - Environmental	Cantavt						
		that m	av result from er	ngaging in the project (co	nsider cons	truction one	ration and
decommissioning act Environmental ef -increase in amb -degradation of s -decrease in avai -disruptions and	ivities.) fects that may occur fron ient sound level oil quality and quantity lability and quantity of b	n this p oth sur s, woo	project include, b rface water and g dlands and aquat	out are not limited to:			iduon and

- Noise studies to be carried out in order to ensure no impact on receptors; noise barriers will be considered if required - Erosion and sedimentation controls will be used to limit the impact on soil and the reduction in water quality

- A spill clean-up procedure/emergency response plan will be developed for the site by the construction contractor

- No solar panels to be placed within at least 30 m of the high water mark of a watercourse

- Appropriate air quality control measures could be used during construction, if required.

1.3 - Renewable Energy Generation Facility							
Type of Fac	cility / Operation (select all the	at apply & complete all appropriate section	ons)				
	Wind Facility (Land Based	)		Biofuel Facility			
	Wind Facility (Off-Shore)		$\overline{X}$ ]	Solar Photo Voltaic Facility			
	Biogas Facility (Anaerobic Digesters)			Other Describe :			
	Biomass Facility (Thermal Treatment)			Class (if applicable):	able):		
_							
Name Plate	me Plate Capacity Expected Generation			Service Area	Total Area of Site (hectares)		
10 MW 14,200,000 kWh in first year			Crosby Transfer Station Desn 2	40			
source to e Solar ph	electricity.	installed on the site to convert so		e used to convert the renewable e			

### 1.4 – Renewable Energy Generation Activities

Describe the activities that will be engaged in as part of the renewable energy project

The facility operates during daylight hours, year round when sufficient solar irradiation exists to generate electricity. Operation is remotely monitored. The facility requires periodic visits during the operation phase for inspections of equipment. Routine maintenance is expected to occur every 2-3 months. Additionally, if lower than anticipated power output occurs, a further site visit will occur as it is indicative of a mechanical problem.

# **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		June 30, 2010
DRAFT Design and Operations Report		To be determined
DRAFT Construction Plan Report		To be determined
DRAFT Decommissioning Plan Report		To be determined
List of other Documents		

Location where written draft reports can be obtained for public inspection (physical location for viewing and the applicants project website if one is available):

A copy of the reports will be made available on the applicants website (northlandpower.ca/mccann) A hard copy of the reports will also be provided to the municipality for public review.

# Section 3 – Applicant Address and Contact Information

3.1 - Applicant Infor	mation (Owner of project/fac	cility)					
Applicant Name (legal name of individual or organization as evidenced by legal documents)						Business Identification Number	
Northland Power Solar	McCann L.P					191194810	
Business Name (the name under which the entity is operating or trading - also referred to as trade name)					same	as Applicant Name	
Civic Address- Street info	ormation (includes street number	r name tyne a	nd direction)		Unit	Identifier (i.e. anartment number)	
	,	, riarrie, type ar	id direction)		I	Unit Identifier (i.e. apartment number)	
c/o Northland Power Inc. 30 St. Clair Ave. West						17th Floor	
Survey Address (Not req	uired if Street Information is prov	rided)				•	
Lot and Conc.: Part and Reference:							
used to indicate location within a subdivided township used to indicate location within an unsubdivided township or unsurveyed territory, and consists of a lot number and a concession number. part and a reference plan number indicating the location within that plan. Attach copy of the plan							
Lot Conc. Part						Reference Plan	
Municipality	County/District		Province/State	Country		Postal Code	
Toronto			Ontario	Canada		M4V 3A1	

# 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 Municipality	Address	Phone	Clerk's Name	Clerk's Phone/Fax	E-Mail Address		
	ity (include each upper tier r		1	☐ Yes			
Name of Municipality	Address	Phone	Clerk's name	Clerk's Phone/Fax	E-Mail Address		
Withitipality							
Local roads area (incl	lude each local roads area ir	n which project location is	s situated)	☐ Yes	□ No		
Name of local	Address	Phone	Secretary-treasurer's	Secretary-treasurer's	E-Mail Address		
roads board			Name	Phone/Fax			
Roard Area (include o	l ach board area in which proj	iact location is situated)		☐ Yes	□ No		
Name of Local	Address	Phone	Secretary's name	Secretary's	E-Mail Address		
Service Board	/ ladicss	THORE	Occidity 3 hame	Phone/Fax	Wall Address		
	s	Section 5: Consulta	ation Requirement				
5.1 - Project Location	on						
	the project location with r	respect to infrastructur	e and servicing.				
		•	<u>=</u>				
1 / - 1							
5.2 - Project Roads		seting propos	1 1				
Provide comment on	the proposed project's pl	ans respecting propos	ed 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 recommendati	ons with respect to the	e proposed Traffic Manage	ement Plans			

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
Identify any issues and recommendations with respect to the proposed landscaping design for the facility
Provide comment on the proposed project plans for emergency management procedures / safety protocols.
Identify any issues and recommendations with respect to the proposed emergency management procedures / safety protocols.
Identify any issues and recommendations with respect to any Easements or Restrictive Covenants associated with the Project Location
identity any issues and recommendations with respect to any casements of Restrictive Covenants associated with the Project cocation
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.
or room darrowly initiative and so darroged darring continuous.
Identify any issues and recommendations with respect to the proposed location of fire hydrants and connections to existing
drainage, water works and sanitary sewers
Identify any issues and recommendations with respect to the proposed location of buried kiceke and shove grade utility yoults
Identify any issues and recommendations with respect to the proposed location of buried kiosks and above-grade utility vaults

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.





July 20, 2010

Township of Rideau Lakes Clerk's Office 1439 County Road 8 Delta, ON K0E 1G0

To Whom It May Concern:

Subject: Notice of a Proposal and Notice of Public Meeting - Draft Project Description Report for Public Review - Northland Power - McCann Solar Project

As you are aware, Northland Power is proposing to construct a solar project within the Township of Rideau Lakes. The proposed project is named the McCann Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Northland Power is undertaking a public consultation program in support of the Project, and we are providing the attached documents to commence this consultation. Please find attached a copy of the "Notice of a Proposal by Northland Power to Engage in a Renewable Energy Project and Notice of Public Meeting". This joint Notice will be published in *The Review Mirror* on July 22, 2010 and July 29, 2010.

Also, please find enclosed a copy of the Draft "Project Description Report" for the proposed Project. The Project Description Report provides a summary of the proposed Project's design and of the preliminary findings of the environmental and associated studies. In accordance with the Ministry of Environment (MOE)'s requirements, can you please ensure that this copy is available for public review within your local municipal office. If you are unable to make this report available for public review, please notify us, so we can make alternate arrangements.

The Draft Project Description Report and further information about this Project and about Northland Power can also be found online at: northlandpower.ca/mccann.

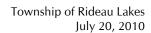
If you have any questions, please do not hesitate to contact the undersigned at 905-374-5200 or <a href="mailto:smale@hatch.ca">smale@hatch.ca</a>.

Yours truly,

Sean Male, M.Sc. REA Coordinator

SKM:lc







Attachments:

Project Description Report: McCann Solar Project Notice of a Proposal/Notice of Public Meeting : McCann





July 20, 2010

Dianna Bresee, Clerk, Township of Rideau Lakes 1439 County Road 8 Delta, ON K0E 1G0

Dear Dianna Bresee:

### Subject: Notice of a Proposal and Notice of Public Meeting - Northland Power - McCann Solar Project

Northland Power is proposing to construct a solar project in Township of Rideau Lakes, within the United Counties of Leeds and Grenville, just northeast of the community of Newboro. The proposed project is named the McCann Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Northland Power is undertaking a public consultation program in support of the Project and we would like to invite you to the upcoming Public Consultation Meeting. Please find attached a "Notice of a Proposal to Engage in a Renewable Energy Project and Notice of Public Meeting", which details the time and date of the planned meeting. This joint Notice will also be published in *The Review Mirror* on July 22, 2010 and July 29, 2010. The Public Consultation Meeting will provide the public with an opportunity to learn more about our Project proposal and about Northland Power.

In accordance with Section 16 (3) of Ontario Reg. 359/09, a draft "Project Description Report" and associated information pertaining to this Project and about Northland Power can be found online at: northlandpower.ca/mccann. We would appreciate any comments, queries or information you may have that are relevant to the proposed Project.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd.

4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7

Phone: 905-374-0701, Ext 5280

Fax: 905-374-1157 Email: smale@hatch.ca

Yours truly,

Sean Male, M.Sc. REA Coordinator

SM:srg

Attachment: Notice of a Proposal/Notice of Public Meeting: McCann







July 20, 2010

Sheldon Laidman, Manager of Development Services, Township of Rideau Lakes 1439 County Road 8 Delta, ON K0E 1G0

Dear Sheldon Laidman:

## Subject: Notice of a Proposal and Notice of Public Meeting - Northland Power - McCann Solar Project

Northland Power is proposing to construct a solar project in Township of Rideau Lakes, within the United Counties of Leeds and Grenville, just northeast of the community of Newboro. The proposed project is named the McCann Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Northland Power is undertaking a public consultation program in support of the Project and we would like to invite you to the upcoming Public Consultation Meeting. Please find attached a "Notice of a Proposal to Engage in a Renewable Energy Project and Notice of Public Meeting", which details the time and date of the planned meeting. This joint Notice will also be published in *The Review Mirror* on July 22, 2010 and July 29, 2010. The Public Consultation Meeting will provide the public with an opportunity to learn more about our Project proposal and about Northland Power.

In accordance with Section 16 (3) of Ontario Reg. 359/09, a draft "Project Description Report" and associated information pertaining to this Project and about Northland Power can be found online at: northlandpower.ca/mccann. We would appreciate any comments, queries or information you may have that are relevant to the proposed Project.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd.

4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7

Phone: 905-374-0701, Ext 5280

Fax: 905-374-1157 Email: smale@hatch.ca

Yours truly,

Sean Male, M.Sc. REA Coordinator

SM:srg

Attachment: Notice of a Proposal/Notice of Public Meeting: McCann







July 20, 2010

Sandy Hay, County Planner, Works, Planning Services and Asset Management, United Counties of Leeds and Grenville 25 Central Avenue West, Suite 100 Brockville, ON K6V 4N6

Dear Sandy Hay:

### Subject: Notice of a Proposal and Notice of Public Meeting - Northland Power - McCann Solar Project

Northland Power is proposing to construct a solar project in Township of Rideau Lakes, within the United Counties of Leeds and Grenville, just northeast of the community of Newboro. The proposed project is named the McCann Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Northland Power is undertaking a public consultation program in support of the Project and we would like to invite you to the upcoming Public Consultation Meeting. Please find attached a "Notice of a Proposal to Engage in a Renewable Energy Project and Notice of Public Meeting", which details the time and date of the planned meeting. This joint Notice will also be published in *The Review Mirror* on July 22, 2010 and July 29, 2010. The Public Consultation Meeting will provide the public with an opportunity to learn more about our Project proposal and about Northland Power.

In accordance with Section 16 (3) of Ontario Reg. 359/09, a draft "Project Description Report" and associated information pertaining to this Project and about Northland Power can be found online at: northlandpower.ca/mccann. We would appreciate any comments, queries or information you may have that are relevant to the proposed Project.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd.

4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7

Phone: 905-374-0701, Ext 5280 Fax: 905-374-1157

Email: smale@hatch.ca

Yours truly,

Sean Male, M.Sc. REA Coordinator

SM:srg

Attachment: Notice of a Proposal/Notice of Public Meeting: McCann







April 19, 2011 H334844

Les Shephed Director of Works, Planning Services and Asset Management United Counties of Leeds and Grenville 25 Central Avenue West, Suite 100 Brockville, ON K6V 4N6

### Subject: Notice of Public Meeting - Northland Power Solar McCann L.P - McCann Solar Project

Northland Power Solar McCann L.P (hereafter referred to as "Northland") is proposing to construct a solar project in Township of Rideau Lakes, within the United Counties of Leeds and Grenville, just northeast of the community of Newboro. The proposed project is named the McCann Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland has retained Hatch to assist in fulfilling the requirements of the REA process.

As you are aware, Northland has initiated a public consultation program in support of the Project. This letter is to invite you to an upcoming Public Consultation Meeting. Please find attached a "Notice of Public Meeting", which details the time and date of the planned meeting. This joint Notice will also be published in *The Smiths Falls EMC* and *The Westport Review Mirror* on April 21, 2011 and again on May 19, 2011.

Along with an invitation to a Public Consultation Meeting, this letter is to provide notice that the supporting documents, as per Section 16 (1) are available for your review. These documents include the Natural Heritage Reports, Water Body Reports, Construction Plan Report, Design and Operation Report, Decommissioning Plan Report, Noise Assessment Study and Stage 1 and 2 Archaeology Assessment Report. As well, to aid in your review an executive summary is also provided. These reports are available on line at <a href="https://www.northlandpower.ca/mccann">www.northlandpower.ca/mccann</a> and at the Township of Rideau Lakes municipal office. Further, the information provided in these reports will be discussed during the Public Consultation Meeting on June 22, 2011 at Portland Community Centre, 24 Water Street, Portland, Ontario. We would appreciate any comments, queries or information you may have that are relevant to the proposed Project.

Please direct any correspondence to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd.

4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7

Phone: 905-374-0701, Ext 5280

Fax: 905-374-1157 Email: smale@hatch.ca

Yours truly,

Sean Male, M.Sc. REA Coordinator

SM:mg

Attachment: Notice of Public Meeting: Rideau Lakes and Crosby Solar Project







April 19, 2011 H334844

Lesley Todd, Clerk United Counties of Leeds and Grenville 25 Central Avenue West, Suite 100 Brockville, ON K6V 4N6

### Subject: Notice of Public Meeting - Northland Power Solar McCann L.P - McCann Solar Project

Northland Power Solar McCann L.P (hereafter referred to as "Northland") is proposing to construct a solar project in Township of Rideau Lakes, within the United Counties of Leeds and Grenville, just northeast of the community of Newboro. The proposed project is named the McCann Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland has retained Hatch to assist in fulfilling the requirements of the REA process.

As you are aware, Northland has initiated a public consultation program in support of the Project. This letter is to invite you to an upcoming Public Consultation Meeting. Please find attached a "Notice of Public Meeting", which details the time and date of the planned meeting. This joint Notice will also be published in *The Smiths Falls EMC* and *The Westport Review Mirror* on April 21, 2011 and again on May 19, 2011.

Along with an invitation to a Public Consultation Meeting, this letter is to provide notice that the supporting documents, as per Section 16 (1) are available for your review. These documents include the Natural Heritage Reports, Water Body Reports, Construction Plan Report, Design and Operation Report, Decommissioning Plan Report, Noise Assessment Study and Stage 1 and 2 Archaeology Assessment Report. As well, to aid in your review an executive summary is also provided. These reports are available on line at <a href="https://www.northlandpower.ca/mccann">www.northlandpower.ca/mccann</a> and at the Township of Rideau Lakes municipal office. Further, the information provided in these reports will be discussed during the Public Consultation Meeting on June 22, 2011 at Portland Community Centre, 24 Water Street, Portland, Ontario. We would appreciate any comments, queries or information you may have that are relevant to the proposed Project.

Please direct any correspondence to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd.

4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7

Phone: 905-374-0701, Ext 5280

Fax: 905-374-1157 Email: smale@hatch.ca

Yours truly,

Sean Male, M.Sc. REA Coordinator

SM:mg

Attachment: Notice of Public Meeting: Rideau Lakes and Crosby Solar Project



# **NOTICE OF A PROPOSAL**

By Northland Power to Engage in Three Renewable Energy Projects

### AND NOTICE OF PUBLIC MEETING

Project Name: Crosby Solar Project

**Project Applicant:** Northland Power Solar Crosby L.P. **Project Location:** The Project is located on Little Rideau

Dated at the Township of Rideau Lakes this the 22nd

Lakes Road, northeast of the Town of Newboro.

of July, 2010

Project Name: Rideau Lakes Solar Project Project Applicant: Northland Power Solar Rideau

Lakes L.P.

**Project Location:** The Project is located on Narrows Lock Road, northeast of the Town of Newboro.

Lock Road, northeast of the Town of Newbord.

Dated at the Township of Rideau Lakes this the 22n

Dated at the Township of Rideau Lakes this the 22nd of July, 2010

Project Name: McCann Solar Project

Project Applicant: Northland Power Solar McCann L.P.

**Project Location:** The Project is located on McCann Road, northeast of the Town of Newboro and south of

Big Rideau Lake.

Dated at the Township of Rideau Lakes this the 22nd

of July, 2010

Northland Power is planning to engage in three renewable

energy Projects in respect of which the issuance of a renewable energy approval is required. The proposal to engage in these Projects and the Projects themselves are 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 applications being submitted and assessed for

completeness by the Ministry of Environment.

This Public Meeting is being held to provide information on the proposed Projects.

# **Meeting Location:**

Date: Tuesday, August 24, 2010

**Time:** 6:00 pm to 9:00 pm

Time. 0.00 pm to 9.00 pm

Place: Crosby Hall, 3579 HWY 15, Crosby, ON

# **Project Description:**

Pursuant to the Act and Regulation, the facilities, in respect of which these Projects are to be engaged in, are Class 3 Solar Facilities. If approved, these facilities would each have a total maximum name plate capacity of 10 MW. The Project locations are shown in the maps to the right.

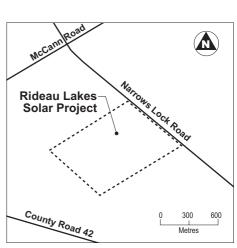
The Draft Project Description Reports, titled Project Description Report Northland Power Solar Crosby, Project Description Report Northland Power Solar Rideau Lakes and Project Description Report Northland Power Solar McCann, describe the Projects as solar electric generating facilities that will utilize photovoltaic (PV) panels installed on fixed racking structures. DC electricity generated from the PV panels is converted to AC electricity by an inverter. The voltage level of the AC electricity produced by the inverter is stepped-up to distribution

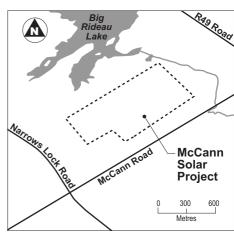
level voltages by a series of transformers. Written copies

of the Draft Project Description Reports are being made

Crosby Solar Project

| Ithe Aldress Road | Canth Road |





# Project Contact and Information:

To learn more about the project proposals, public meetings or to communicate concerns, please contact:

Sean Male, MSc, Environmental Coordinator Hatch Ltd.

4342 Queen Street, Suite 500 Niagara Falls, ON, L2E 7J7

Tel: 905-374-0701 ext. 5280 Fax: 905-374-1157

Email: smale@hatch.ca

www.northlandpower.ca/rideaulakes, and at www.northlandpower.ca/mccann.

available for public inspection at www.northlandpower.ca/crosby,





April 18, 2011

Sheldon Laidman Manager of Development Services Township of Rideau Lakes 1439 County Road 8 Chantry, ON K0E 1G0

Dear Mr. Laidman:

Subject: Notice of Public Meeting - Supporting Documents for Public and the Township's Review - Northland Power - McCann Solar Project

As you are aware, Northland Power Solar McCann L.P. is proposing to construct a solar project within the Township of Rideau Lakes. The proposed project is named the McCann Solar Project and will have an installed nominal capacity of 10 MW each. This Project requires a Renewable Energy Approvals (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

The second and final Public Meeting for this Project is occurring on June 22, 2011 at Portland Community Centre, 24 Water Street, Portland, Ontario. A Notice will be posted in *The Smith Falls EMC* and *The Westport Review Mirror* on April 21, 2011 and May 19, 2011. The Notice also indicates that the supporting documents required to be prepared under the REA process will be released for a 60-day review period, commencing on April 21, 2011.

Enclosed in this package are two copies of the supporting documents required as per Section 16 (1) of Ontario Regulation 359/09 for the Project. The supporting documents consist of the Natural Heritage Assessment Reports, Water Body Assessment Reports, Construction Plan Report, Design and Operation Report, Decommissioning Plan Report, Noise Assessment Study and Stage 1 and 2 Archaeology Assessment Report. In accordance with the Ministry of Environment (MOE)'s requirements, can you please ensure that one complete copy is available for public review within your local municipal office. If you are unable to make this report available for public review, please notify us, so we can make alternate arrangements.

Additionally, please find enclosed a copy of the REA documents for the Project for your review. We request that you provide any comments you may have and provide the completed Municipal Consultation Form by the end of the 60-day review period. Additional copies are available on-line at <a href="https://www.northlandpower.ca/mccann">www.northlandpower.ca/mccann</a>.





Sheldon Laidman, Manager of Development Services, Township of Rideau Lakes April 18, 2011

If you have any questions, please do not hesitate to contact the undersigned at 905-374-5200 or smale@hatch.ca.

Yours truly,

Sean Male, M.Sc. REA Coordinator SKM:mg

### Attachments:

Notice of Public Meeting – McCann Solar Project
Draft Project Description Report – McCann Solar Project
Draft Construction Plan Report – McCann Solar Project
Draft Design and Operations Report – McCann Solar Project
Draft Decommissioning Plan Report – McCann Solar Project
Stage 1 and 2 Archaeological Assessment Report – McCann Solar Project
Draft Natural Heritage Assessment Reports – McCann Solar Project
Draft Water Body Assessment Reports – McCann Solar Project
Draft Noise Assessment Report – McCann Solar Project
Draft Executive Summary – McCann Solar Project







April 18, 2011

Les Shepherd
Director of Works, Planning Services and Asset Management
County of Leeds and Grenville
25 Central Avenue West, Suite 100
Brockville, ON K6V 4N6

Dear Mr. Shepherd:

Subject: Notice of Public Meeting - Supporting Documents for Public and the Township's Review - Northland Power - McCann Solar Project

As you are aware, Northland Power Solar McCann L.P. is proposing to construct a solar project within the Township of Rideau Lakes. The proposed project is named the McCann Solar Project and will have an installed nominal capacity of 10 MW each. This Project requires a Renewable Energy Approvals (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

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We request that you provide any comments you may have and provide the completed Municipal Consultation Form by the end of the 60-day review period. Additional copies of the supporting documents are available on-line at <a href="https://www.northlandpower.ca/mccann">www.northlandpower.ca/mccann</a>.





Sandy Hay, County Planner County of Leeds and Grenville April 18, 2011

If you have any questions, please do not hesitate to contact the undersigned at 905-374-5200 or smale@hatch.ca.

Yours truly,

Sean Male, M.Sc. **REA Coordinator** 

SKM:mg

Attachments:

Notice of Public Meeting - McCann Solar Project

Draft Project Description Report - McCann Solar Project

Draft Construction Plan Report - McCann Solar Project

Draft Design and Operations Report – McCann Solar Project Draft Decommissioning Plan Report – McCann Solar Project

Stage 1 and 2 Archaeological Assessment Report – McCann Solar Project

Draft Natural Heritage Assessment Reports - McCann Solar Project

Draft Water Body Assessment Reports - McCann Solar Project

Draft Noise Assessment Report - McCann Solar Project

Draft Executive Summary - McCann Solar Project



# McRae, Elizabeth

From: Male, Sean

**Sent:** Wednesday, May 18, 2011 10:17 AM

To: 'Shepherd, Les' Cc: 'Tom Hockin'; 334844

Subject: Northland Power - McCann Solar Project - Municipal Consultation Forms

Attachments: McCann Municipal Consultation Form.pdf

Hi Les,

We are now in the review period for another of Northlands solar projects within the United Counties of Leeds and Grenville, the McCann Solar Project. Would it be possible for you to review the attached municipal consultation form and provide a response?

If you have any questions, please let me know.

Thanks,

Sean

# Sean K. Male, M.Sc.

Terrestrial Ecologist, Environmental Assessment & Management Tel: +1 905 374 0701 ext. 5280 Niagara Falls, ON

# McRae, Elizabeth

From: Male, Sean

**Sent:** Wednesday, May 18, 2011 10:15 AM

To: 'Sheldon Laidman' Cc: 'Tom Hockin'; 334844

Subject: Northland Power - McCann Solar Project - Municipal Consultation Form

Attachments: McCann Municipal Consultation Form.pdf

Hi Sheldon,

Similar to the Crosby and Rideau Lakes Solar projects we are now in the review period prior to our Final PIC. I have reattached the municipal consultation form to this e-mail for your review. I am not sure if we have already provided the fee for this Project, so please advise and we will process a cheque shortly.

Please let me know if you have any questions.

Thanks,

Sean

# Sean K. Male, M.Sc.

Terrestrial Ecologist/Environmental Assessment & Management



Tel: +1 905 374 0701 ext. 5280

Fax: +1 905 374 1157

4342 Queen Street, Suite 500, Niagara Falls, Ontario, Canada, L2E 7J7

# 878 McCann Road – McCann Solar Project (Northland)

Completed by: Sheldon Laidman, Manager of Development Services

The Township of Rideau Lakes has reviewed this project and its Council has adopted a resolution with expected conditions of the project. A copy of these conditions is attached at the bottom of this document and forms the basis of the Township's comments about this project.

# Section 5: Consultation Requirement 5.1 - Project Location

Provide comment on the project location with respect to infrastructure and servicing.

See resolution adopted by township Council. The Township expects that an agreement will be entered into with the company prior to an Entrance Permit being granted to the Township road (McCann Road) to cover the full cost of impacts to the Township road infrastructure.

## 5.2 - Project Roads

Provide comment on the proposed project's plans respecting proposed road access.

See resolution adopted by township Council. The Township expects that an agreement will be entered into with the company prior to an Entrance Permit being granted to the Township road (McCann Road) to cover the full cost of impacts to the Township road infrastructure. McCann Road is a surface treated (tar and chip road) not meant to withstand an 8 month construction project with thousands of large truck trips. The Township expects as part of the Agreement to be fully reimbursed to impacts on the Township road network. This Agreement shall also include details about entrance size and location and construction management requirements.

Identify any issues and provide recommendations with respect to road access See above.

Provide comment on any proposed Traffic Management Plans

See above.

Identify any issues and provide recommendations with respect to the proposed Traffic Management Plans See above

# 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.

n/a

## 5.4 – Facility Other

Identify any issues and recommendations with respect to the proposed landscaping design for the facility See attached resolution of Council. No detailed landscaped plan has been submitted. Township expects that a detailed landscaping plan will be submitted identifying how the property will be buffered from view of the Township road and adjacent residential properties.

Provide comment on the proposed project plans for emergency management procedures / safety protocols. See attached resolution of Council. The Township expects that all internal access roads will be constructed to the satisfaction of the Fire Chief with regards to its construction standards for access, turning radii, width, etc.

Identify any issues and recommendations with respect to the proposed emergency management procedures / safety protocols.

# See above.

Identify any issues and recommendations with respect to any Easements or Restrictive Covenants associated with the Project Location

n/a

# 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.

See comments regarding road impacts.

Identify any issues and recommendations with respect to the proposed location of fire hydrants and connections to existing drainage, water works and sanitary sewers

See attached resolution of Council. The Township expects that all adjacent and nearby wells will be evaluated prior to construction and that monitoring will be required during construction to ensure that wells are not contaminated from the drilling and construction.

Identify any issues and recommendations with respect to the proposed location of buried kiosks and abovegrade utility vaults

Identify any issues and recommendations with respect to the proposed location of existing and proposed gas and electricity lines and connections

See attached resolution of Council. The Township expects that the hydro connection line to the road will be buried to reduce the visual impact of the project.

Provide comment on the proposed project plans with respect to Building Code permits and licenses.

The Township expects that all structures will received building permits as required under the Ontario Building Code.

Identify any issues and recommendations related to the identification of any significant natural features and water bodies within the municipality or territory.

The Township expects that all construction will respect the 120m setback from wetlands and the 30m municipal zoning setback from all water courses.

Identify any issues and recommendations related to the identification any archaeological resource or heritage resource.

n/a

# Township of Rideau Lakes adopted resolution and recommended conditions of approval:

That the Council of the Corporation of the Township of Rideau Lakes hereby directs that the municipal consultation form be submitted to the Province with the following expectations and comments:

- 1. That the project shall not negatively impact the Township of Rideau Lakes' adjacent road network. That prior to construction an entrance agreement will be required to be entered into with the Township of Rideau Lakes which will include provisions for traffic management, repairs and maintenance to McCann Road, and road access location.
- 2. That all temporary parking areas established for construction employees shall be returned to their original condition. All parking shall occur on the subject property and not on the adjacent municipal road.
- 3. That full spectrum baseline water testing of adjacent wells be conducted prior to construction commencing. For the purposes of this condition, adjacent wells would be defined as all wells within 300m of the subject property.
- 4. That a landscaping plan be submitted for Township review. The landscaping plan is expected to include provisions to buffer the facility from views from the adjacent Township road and the adjacent dwellings. At a minimum, the existing vegetation along the periphery of the subject property should be maintained.
- 5. That it is expected that drilling and construction will be conducted as per the Township's Noise Bylaw.
- 6. That all internal roads shall be constructed to a standard acceptable to the Fire Chief. At a minimum the roads shall be constructed with adequate material to withstand the weight of the

- Township's heaviest fire truck, constructed to allow for the turning radii of the largest fire truck, and allow for the proper turnaround of fire vehicles on site.
- 7. That the 44kw line extending from the substation to hydro lines along McCann Road be buried to reduce the visual impact to the neighbouring properties across the road.

# PART B: TO BE COMPLETED BY THE MUNICIPALITY OR LOCAL AUTHORITY

# Section 4 - Municipal or Local Authority Contact Information (check the one that applies)

Name of Municipality	olude each local municipality Address	Phone	is situated) Clerk's Name	LI Yes Clerk's Phone/Fax	L No E-Mail Address	
Name of UNITED  Municipality Count &  OF ULLDS AND  CRENIUE	BROCKVILLE OH	Phone 6133423840	Clerk's name LESLEY TODO		E-Mail Address lesky todd a uclgion.ca	
Local roads area (incl Name of local roads board	ude each local roads area ir Address	which project location is Phone	situated) Secretary-treasurer's Name	Secretary-treasurer's Phone/Fax	□ No E-Mail Address	
Board Area (include ea Name of Local Service Board	ach board area in which proj Address	ect location is situated) Phone	Secretary's name	Secretary's Phone/Fax	No E-Mail Address	
Section 5: Consultation Requirement						
5.1 - Project Locatio	n					
	the project location with r					
NO WATER/SENSER SERVICES AVAILABLE.						
5.2 - Project Roads						
Provide comment on the proposed project's plans respecting proposed road access.						
NARROWS LOCK ROAD IS A COUNTY ROAD (CRIA). A COMMERCIAL ENTRANCE PERMIT						
WILL BE REQUIRED.						
Identify any issues and provide recommendations with respect to road access						
CRIA IS NOT BUILT TO FULL HIGHWAY STANDARD AND IS THEREFORE SUBJECT TO LOAD RESTRICTIONS DURING SPRING THAM (5 TONNES PER AXLE). ALSO WE REQUEST PRE-CONSTRUCTION REST WHEEL RUTTING SURVEY AS WELL AS						
PERIODIC REVIEW DURING CONST. THE DEVELOPER WILL BE RESPONSIBLE FOR						
Provide comment on any proposed Traffic Management Plans ANY DETERIOR ATION IDENTIFIED						
NA						
Identify any issues and provide recommendations with respect to the proposed Traffic Management Plans						
NA						

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
y any receive and recommendations with reciped to the proposed landscaping design for the facility
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Drovide comments the second of
Provide comment on the proposed project plans for emergency management procedures / safety protocols.
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Identify any issues and recommendations with respect to the proposed emergency management procedures / safety protocols.
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Identify any issues and recommendations with respect to any Easements or Restrictive Covenants associated with the Project Location
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. / / /
$\mathcal{N}/\mathcal{A}$
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.
SEE 5.2 REGARDING PAVEMENT DAMAGE
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
N/A
N/A
Identify any issues and recommendations with respect to the proposed location of buried kiosks and above-grade utility vaults
Identify any issues and recommendations with respect to the proposed location of buried kiosks and above-grade utility vaults
Identify any issues and recommendations with respect to the proposed location of buried kiosks and above-grade utility vaults

Identify any issues and recommendations with respect to the proposed location of existing and proposed gas and electricity lines and connections					
ANY UTILITY INSTALLATIONS ON COUNTY ROAD ALLOWANCE REQUIRES REVIEW AND APPRIVAL.					
Provide comment on the proposed project plans with respect to Building Code permits and licenses.					
NIA					
Identify any issues and recommendations related to the identification of any significant natural features and water bodies within the municipality or territory.					
N/A					
Identify any issues and recommendations related to the identification any archaeological resource or heritage resource.					
NIA					



# Appendix H List of Aboriginal Communities from Ministry of the Environment

#### **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 #: ER-10-SF-0045

> Ontario

Mr. Michael Lord Northland Power Inc. 30 St. Clair Avenue West, 17<sup>th</sup> Floor Toronto ON M4V 3A1

Dear Mr. Lord:

# RE: Director's Aboriginal Communities List - McCann Solar Project

The Ontario Ministry of Environment has reviewed the information provided in the draft of the Project Description Report (PDR) received for the McCann Solar 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:** 

The Algonquins of Ontario Consultation Office 31 Riverside Drive, Suite 101

Pembroke ON K8A 1N5

Alderville First Nation

Mississaugas of Alderville

Alderville First Nation

PO Box 46

Roseneath ON K0K 2X0

Phone (905) 352-2011

Fax (905) 352-3242

Hiawatha First Nation Mississaugas of Rice Lake Hiawatha First Nation 36 RR<sub>2</sub> Keene ON K0L 2G0 Phone (705) 295-4421 Fax (705) 295-4424 **Curve Lake First Nation** Mississaugas of Mud Lake Curve Lake First Nation 35 and 35A **General Delivery** Curve Lake ON K0L 1R0 Phone (705) 657-8045 Fax (705) 657-8708 Kawartha Nishnawbe Kawartha Nishnawbe First Nation PO Box 1432 Lakefield ON K0L 2H0 Ottawa Regional Métis Council Robert Pellerin, President 1938 Ranchwood Way Ottawa ON K1C 7K7 Phone (613) 263-5059 pellerin12@hotmail.com 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 commutities 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,

7 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



# **Appendix I Letters to Aboriginal Communities**





July 20, 2010

The Algonquin's of Ontario Consultation Office 31 Riverside Drive, Suite 101 Pembroke, On K8A 1N5

To Whom It May Concern:

Subject: Notice of Proposal and Notice of Public Meeting Northland Power Inc. - Proposed McCann Solar Energy Project

Northland Power is proposing to construct a solar project in the Township of Rideau Lakes within the United Counties of Leeds and Grenville, northeast of the community of Newboro. The proposed project is named the McCann Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

As part of the REA process (Section 14 (b) O. Reg, 359/09), the Ministry of the Environment (MOE) has provided Northland Power with a list of Aboriginal communities who, in the opinion of the MOE Director:

- 1) "have or may have constitutionally protected aboriginal or treaty rights that may be adversely impacted by the project, or
- 2) otherwise may be interested in any negative environmental effects of the project".

Your community was included in the MOE's list and as such you will be included in our Project's consultation program and you will be provided with the reports and summaries required by Section 17 of Ontario Reg. 359/09, as soon as they are available.

Northland Power is commencing its public consultation program in support of the Project and we would like to invite you to the upcoming Public Consultation Meeting. Please find attached a "Notice of a Proposal to Engage in a Renewable Energy Project and Notice of Public Meeting", which details the time and date of the planned meeting. This joint Notice will also be published in *The Review Mirror* on July 22, 2010 and July 29, 2010. The Public Consultation Meeting will provide all stakeholders with an opportunity to learn more about our Project proposal and about Northland Power.

In accordance with Section 16 (3) of Ontario Reg. 359/09, a draft "Project Description Report" and associated information pertaining to this Project and about Northland Power can be found online at: northlandpower.ca/mccann.

We respectfully request that your community provide (in writing) to us any information available that in your opinion, should be considered when preparing the reports required for the REA process, and in particular, any information the community may have regarding adverse impacts that this Project may have on constitutionally protected aboriginal or treaty rights, as well as any measures for mitigating those adverse impacts.

Correspondence should be directed to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd.





Page 2



4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701 Ext 5280

Fax: 905-374-1157 Email: smale@hatch.ca

We thank you for your interest in this Project and look forward to your participation.

Yours truly,

Sean Male, M.Sc REA Coordinator

SM:mg

Attachment: Notice of a Proposal/Notice of Public Meeting: McCann





July 20, 2010

Chief: James Marsden Alderville First Nation PO Box 46 Roseneath On K0K 2X0

Dear Chief: James Marsden:

**Subject:** Notice of Proposal and Notice of Public Meeting Northland Power Inc. - Proposed McCann Solar Energy Project

Northland Power is proposing to construct a solar project in the Township of Rideau Lakes within the United Counties of Leeds and Grenville, northeast of the community of Newboro. The proposed project is named the McCann Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

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Hatch Ltd. 4342 Queen St., Suite 500

Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701 Ext 5280

Fax: 905-374-1157 Email: smale@hatch.ca

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Yours truly,

Sean Male, M.Sc REA Coordinator

SM:mg

Attachment: Notice of a Proposal/Notice of Public Meeting: McCann





July 20, 2010

Chief: Laurie Carr Hiawatha First Nation RR 2 Keene, On K0L 2G0

Dear Chief: Laurie Carr:

Subject: Notice of Proposal and Notice of Public Meeting Northland Power Inc. - Proposed McCann Solar Energy Project

Northland Power is proposing to construct a solar project in the Township of Rideau Lakes within the United Counties of Leeds and Grenville, northeast of the community of Newboro. The proposed project is named the McCann Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

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Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701 Ext 5280

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Yours truly,

Sean Male, M.Sc REA Coordinator

SM:mg

Attachment: Notice of a Proposal/Notice of Public Meeting: McCann





July 20, 2010

Chief: Keith Knott Curve Lake First Nation General Delivery Curve Lake, On K0L 1R0

Dear Chief: Keith Knott:

Subject: Notice of Proposal and Notice of Public Meeting Northland Power Inc. - Proposed McCann Solar Energy Project

Northland Power is proposing to construct a solar project in the Township of Rideau Lakes within the United Counties of Leeds and Grenville, northeast of the community of Newboro. The proposed project is named the McCann Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

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Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701 Ext 5280

Fax: 905-374-1157 Email: smale@hatch.ca

We thank you for your interest in this Project and look forward to your participation.

Yours truly,

Sean Male, M.Sc REA Coordinator

SM:mg

Attachment: Notice of a Proposal/Notice of Public Meeting: McCann





July 20, 2010

Robert Pellerin, President Ottawa Regional Métis Council 1938 Ranchwood Way Ottawa, ON K1C 7K7

Dear Robert Pellerin, President:

**Subject:** Notice of Proposal and Notice of Public Meeting Northland Power Inc. - Proposed McCann Solar Energy Project

Northland Power is proposing to construct a solar project in the Township of Rideau Lakes within the United Counties of Leeds and Grenville, northeast of the community of Newboro. The proposed project is named the McCann Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

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Yours truly,

Sean Male, M.Sc REA Coordinator

SM:mg

Attachment: Notice of a Proposal/Notice of Public Meeting: McCann





July 20, 2010

Metis Nation of Ontario Consultation Unit 500 Old St.Patrick St, Unit 3 Ottawa, ON K1N 9G4

To Whom It May Concern:

**Subject:** Notice of Proposal and Notice of Public Meeting Northland Power Inc. - Proposed McCann Solar Energy Project

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Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701 Ext 5280

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SM:mg

Attachment: Notice of a Proposal/Notice of Public Meeting: McCann





July 20, 2010

Chief and Council Kawartha Nishnawbe First Nation PO Box 1432 Lakefield, On K0L 2H0

Dear Chief and Council:

Subject: Notice of Proposal and Notice of Public Meeting Northland Power Inc. - Proposed McCann Solar Energy Project

Northland Power is proposing to construct a solar project in the Township of Rideau Lakes within the United Counties of Leeds and Grenville, northeast of the community of Newboro. The proposed project is named the McCann Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

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In accordance with Section 16 (3) of Ontario Reg. 359/09, a draft "Project Description Report" and associated information pertaining to this Project and about Northland Power can be found online at: northlandpower.ca/mccann.

We respectfully request that your community provide (in writing) to us any information available that in your opinion, should be considered when preparing the reports required for the REA process, and in particular, any information the community may have regarding adverse impacts that this Project may have on constitutionally protected aboriginal or treaty rights, as well as any measures for mitigating those adverse impacts.

Correspondence should be directed to:







Sean Male, M.Sc., REA Coordinator

Hatch Ltd.

4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7

Phone: 905-374-0701 Ext 5280

Fax: 905-374-1157 Email: smale@hatch.ca

We thank you for your interest in this Project and look forward to your participation.

Yours truly,

Sean Male, M.Sc REA Coordinator

SM:mg

Attachment: Notice of a Proposal/Notice of Public Meeting: McCann





April 18, 2011

Algonquin's of Ontario Consultation Office 31 Riverside Drive, Suite 101 Pembroke, ON K8A 8R6

To Whom It May Concern:

# Subject: Notice of Public Meeting & Documents for Review - Northland Power - McCann Solar Project

As you are aware, Northland Power Solar McCann L.P. is proposing to construct a solar project within the Township of Rideau Lakes. The proposed project is named the McCann Solar Project and will have an installed nominal capacity of 10 MW each. This Project requires a Renewable Energy Approvals (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

The second and final Public Meeting for this Project is occurring on June 22, 2011 at Portland Community Centre, 24 Water Street, Portland, Ontario. A Notice will be posted in *The Smith Falls EMC* and *The Westport Review Mirror* on April 21, 2011 and May 19, 2011.

As per Section 17 (1) of O. Reg. 359/09, draft copies of the Project Description Report, supporting documents and Executive Summary are enclosed. We request that this information be made publically available to your community. Digital copies of these reports and information about the McCann Solar Project can be found on-line at <a href="www.northlandpower.ca/mccann">www.northlandpower.ca/mccann</a>. Representatives of Northland and Hatch will be available to discuss this information at the Final Public Consultation meeting on June 22, 2011 at Portland Community Hall, 24 Water Street, Portland, Ontario.

We respectfully request that your community provide (in writing) to us any information available that, in your opinion, should be considered when finalizing the enclosed reports, and in particular, any information the community may have regarding adverse impacts that this Project may have on constitutionally protected aboriginal or treaty rights, as well as any measures for mitigating those adverse impacts.







Your comments, queries or information relevant to the proposed Project would be greatly appreciated.

Correspondence should be directed to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7

Phone: 905-374-0701 Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Yours truly,

Sean Male M.Sc, REA Co-ordinator

SM:mg

Attachments

Notice of Public Meeting – McCann Solar Project
Draft Project Description Report – McCann Solar Project
Draft Construction Plan Report – McCann Solar Project
Draft Design and Operations Report – McCann Solar Project
Draft Decommissioning Plan Report – McCann Solar Project
Stage 1 and 2 Archaeological Assessment Report – McCann Solar Project
Draft Natural Heritage Assessment Reports – McCann Solar Project
Draft Water Body Assessment Reports – McCann Solar Project
Draft Noise Assessment Report – McCann Solar Project
Draft Executive Summary – McCann Solar Project







April 18, 2011

Chief James Marsden and Council Alderville First Nation Alderville Band Office 11696 2nd Line Road Alderville, ON K0K 2X0

Dear Chief James Marsden and Council:

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Phone: 905-374-0701 Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

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Sean Male M.Sc, REA Co-ordinator

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Attachments

Notice of Public Meeting – McCann Solar Project
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Draft Natural Heritage Assessment Reports – McCann Solar Project
Draft Water Body Assessment Reports – McCann Solar Project
Draft Noise Assessment Report – McCann Solar Project
Draft Executive Summary – McCann Solar Project







April 18, 2011

Hiawatha First Nation Chief Laurie Carr and Council Mississauga's of Rice Lake Hiawatha First Nation 36 123 Paudash Street Hiawatha, ON KOL 2G0

Dear Chief Laurie Carr and Council:

# Subject: Notice of Public Meeting & Documents for Review - Northland Power - McCann Solar Project

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Attachments

Notice of Public Meeting – McCann Solar Project
Draft Project Description Report – McCann Solar Project
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Draft Executive Summary – McCann Solar Project







April 18, 2011

Curve Lake First Nation Chief Keith Knott and Council Mississauga's of Mud Lake 22 Winookeedaa Road Curve Lake, ON KOL 1R0

Dear Chief Keith Knott and Council:

# Subject: Notice of Public Meeting & Documents for Review - Northland Power - McCann Solar Project

As you are aware, Northland Power Solar McCann L.P. is proposing to construct a solar project within the Township of Rideau Lakes. The proposed project is named the McCann Solar Project and will have an installed nominal capacity of 10 MW each. This Project requires a Renewable Energy Approvals (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

The second and final Public Meeting for this Project is occurring on June 22, 2011 at Portland Community Centre, 24 Water Street, Portland, Ontario. A Notice will be posted in *The Smith Falls EMC* and *The Westport Review Mirror* on April 21, 2011 and May 19, 2011.

As per Section 17 (1) of O. Reg. 359/09, draft copies of the Project Description Report, supporting documents and Executive Summary are enclosed. We request that this information be made publically available to your community. Digital copies of these reports and information about the McCann Solar Project can be found on-line at <a href="www.northlandpower.ca/mccann">www.northlandpower.ca/mccann</a>. Representatives of Northland and Hatch will be available to discuss this information at the Final Public Consultation meeting on June 22, 2011 at Portland Community Hall, 24 Water Street, Portland, Ontario.

We respectfully request that your community provide (in writing) to us any information available that, in your opinion, should be considered when finalizing the enclosed reports, and in particular, any information the community may have regarding adverse impacts that this Project may have on constitutionally protected aboriginal or treaty rights, as well as any measures for mitigating those adverse impacts.







Your comments, queries or information relevant to the proposed Project would be greatly appreciated.

Correspondence should be directed to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7

Phone: 905-374-0701 Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Yours truly,

Sean Male M.Sc, REA Co-ordinator

SM:mg

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H334844

April 18, 2011

Kawartha Nishnawbe First Nation Chief and Council PO Box 1432 Lakefield, ON K0L 2H0

Dear Chief and Council:

# Subject: Notice of Public Meeting & Documents for Review - Northland Power - McCann Solar Project

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Yours truly,

Sean Male M.Sc, REA Co-ordinator

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cc: Mike Lord, Northland Power Tom Hockin, Northland Power







H334844

April 18, 2011

Robert Pellerin, President Ottawa Regional Métis Council 1938 Ranchwood Way Ottawa, ON K1C 7K7

**Dear President:** 

# Subject: Notice of Public Meeting & Documents for Review - Northland Power - McCann Solar Project

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Phone: 905-374-0701 Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Yours truly,

Sean Male M.Sc, REA Co-ordinator

SM:mg

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cc: Mike Lord, Northland Power Tom Hockin, Northland Power







H334844

April 18, 2011

To Whom It May Concern: Metis Nation of Ontario, Consultation Unit 500 Old St. Patrick Street, Unit D Ottawa, ON K1N 9G4

### Subject: Notice of Public Meeting & Documents for Review - Northland Power - McCann Solar Project

As you are aware, Northland Power Solar McCann L.P. is proposing to construct a solar project within the Township of Rideau Lakes. The proposed project is named the McCann Solar Project and will have an installed nominal capacity of 10 MW each. This Project requires a Renewable Energy Approvals (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

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Correspondence should be directed to:

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Phone: 905-374-0701 Ext 5280

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Yours truly,

Sean Male M.Sc, REA Co-ordinator

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cc: Mike Lord, Northland Power Tom Hockin, Northland Power





The Algonquin's of Ontario Consultation Office 31 Riverside Drive, Suite 101 Pembroke, ON K8A 1N5

To Whom It May Concern,

Subject: McCann Solar Project: Notification of Minor Error in Executive Summary

As you are aware, Northland Power Solar McCann L.P (hereafter referred to as "Northland") is proposing to construct a solar project in Township of Rideau Lakes, within the United Counties of Leeds and Grenville, just northeast of the community of Newboro. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland has retained Hatch to assist in fulfilling the requirements of the REA process.

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We apologize for any confusion and thank you for your understanding. If you have any further questions or require additional clarification please contact the undersigned.

Yours faithfully,

5

Sean Male, M.Sc., REA Coordinator

Hatch Ltd.

4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7

Phone: 905-374-0701, Ext 5280

Fax: 905-374-1157 Email: smale@hatch.ca





Chief James Marsden Alderville First Nation PO Box 46 Roseneath, ON K0K 2X0

Dear Chief James Marsden,

**Subject:** McCann Solar Project: Notification of Minor Error in Executive Summary

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Phone: 905-374-0701, Ext 5280

Fax: 905-374-1157 Email: smale@hatch.ca





Chief Laurie Carr Hiawatha First Nation RR 2 Keene, ON K0L 2G0

Dear Chief Laurie Carr,

**Subject:** McCann Solar Project: Notification of Minor Error in Executive Summary

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Chief Keith Knott Curve Lake First Nation General Delivery Curve Lake, ON K0L 1R0

Dear Chief Keith Knott,

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Phone: 905-374-0701, Ext 5280

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Chief and Council Kawartha Nishnawbe First Nation PO Box 1432 Lakefield, ON KOL 2H0

Dear Chief and Council,

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Robert Pellerin, President Ottawa Regional Métis Council 1938 Ranchwood Way Ottawa, ON K1C 7K7

Dear Robert Pellerin,

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Metis Nation of Ontario Consultation Unit 500 Old St.Patrick St, Unit 3 Ottawa, ON K1N 9G4

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Fax: 905-374-1157 Email: smale@hatch.ca





Dianna Bresee, Clerk Township of Rideau Lakes 1439 County Road 8 Delta, ON K0E 1G0

Dear Dianna Bresee,

**Subject:** McCann Solar Project: Notification of Minor Error in Executive Summary

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Fax: 905-374-1157 Email: smale@hatch.ca







Sheldon Laidman Manager of Development Services, Township of Rideau Lakes 1439 County Road 8 Delta, ON K0E 1G0

Dear Sheldon Laidman,

**Subject:** McCann Solar Project: Notification of Minor Error in Executive Summary

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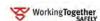
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# Appendix J Correspondence with Aboriginal Communities



# P.O. Box 46 11696 Second Line Roseneath, Ontario KOK 2X0

Chief: James R. Marsden
Councillor: Dave Mowat
Councillor: Pam Crowe
Councillor: Leonard Gray
Councillor: Randall Smoke

May 17th, 2011

Att: Sean Male, M.Sc, REA Co-ordinator

Re: Notice of Public Meeting & Documents for Review Northland Power - McCann Solar Project

Dear Sean,

Thank you for your consultation request to Alderville First Nation regarding the Notice of Public Meeting & Documents for Review for the Northland Power - McCann Solar Project, which is being proposed within our Traditional and Treaty Territory. We appreciate the fact that the Township of Rideau Lakes and Hatch, recognizes the importance of First Nations Consultation and that your office is conforming to the requirements within the Duty to Consult Process.

As per the Alderville First Nation Consultation Protocol, your proposed project is deemed a level 3, having minimal potential to impact our First Nations' rights, therefore, please keep Alderville apprised of any archaeological findings, burial sites or any environmental impacts, should any occur.

Although we may not always have representation at all stakeholders meetings, it is our wish to be kept apprised throughout all phases of this project. I can be contacted at the mailing address above or electronically via email, at the email address below.

In good faith and respect,

Dave Simpson
Lands and Resources
Communications Officer
Alderville First Nation

dsimpson@aldervillefirstnation.ca

Tele: (905) 352-2662 Fax: (905) 352-3242



## HIAWATHA FIRST NATION 123 Paudash Street Hiawatha On. K0L2G0

Chief: Sandra Moore
Councillor: Jill Smith
Councillor: Duane Cowie
Councillor: Lorne Paudash
Councillor: Donald Paudash

Date: June	20,	2011	۱:
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HATCH:

Dear Sean Male:

Thank you for your consultation request to Hiawatha First Nation regarding "McCann Solar Project" which is being proposed within Hiawatha First Nations' Traditional and Treaty Territories. Hiawatha First Nation appreciates the fact that HATCH recognizes the importance of First Nations Consultation and that your office is conforming to the requirements within the Duty to Consult Process.

As per the Hiawatha First Nation Consultation Protocol, your proposed project is deemed, having minimal potential to impact Hiawatha First Nations' rights at this time, however, please keep us apprised of any updates, archaeological findings, and/ or of any environmental impacts, should any occur. We reserve the right to comment later, if something further along in the process is deemed to be a potential impact.

If there are any further archaeological assessments we, The Williams Treaty First Nations, have archaeological liaisons, from our communities, trained and we would like one present at the sites.

We can be contacted at the mailing address above or electronically via email, at the email address below.

In good faith and respect,

Lori Ritter and Diane Sheridan Land Resource Workers Hiawatha First Nation hfnconsultation@nexicom.net

Tele: (705) 295 442 I Fax: (705) 295-7144