



**Glendale Solar Project**  
**Modifications Document**

Township of South Glengarry, Ontario

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August 13, 2024  
Project 2302265

### Issues and Revisions Registry

Identification	Date	Description of Issued and/or Revision
Submission to MNRF	July 28, 2023	
First Submission to MECP	September 18, 2023	Following consultation with MNRF Added MNRF consultation to modifications document
Final for Public Review	December 5, 2023	Issued for public review
Final for REA Amendment Application	February 5, 2024	Issued to MECP with REA Amendment Application
Re-submission to MECP	July 22, 2024	Re-issued to MECP with updates as requested in communications from May 21, 2024
Re-submission to MECP	August 13, 2024	Re-issued to MECP with updates as requested in communications from August 6, 2024



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# 1. Introduction

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Northland Power Solar Power Glendale LP (Northland Power) has constructed and currently operates the Glendale Solar Project (the Project) in accordance with Renewable Energy Approval (REA) No. 1565-8ULQT7. The Project is located on an approximately 45 ha parcel of land in the Township of South Glengarry, within the United Counties of Stormont, Dundas and Glengarry, Ontario (refer to **Figure 1, Appendix A** for the Project Location). Classified as a 10 MW ground-mounted photovoltaic solar project, the Project received its REA on June 26, 2012, and began commercial operation in January 2014.

On behalf of Northland Power, GEI Consultants Ltd. (GEI) has prepared this Modifications Document to address a proposed change to the Glendale Solar Project; specifically, the limited and targeted use of herbicides to control noxious weeds on the Project Location. The proposed change necessitates an amendment to the REA as the original REA did not anticipate the need for control of noxious weeds through herbicide application. The limited and targeted use of herbicides on the site is required for health and safety purposes and, in part, prior to natural vegetation management through the use of sheep grazing. Application of herbicides is anticipated to commence in the spring of 2024 pending receipt of the REA Amendment.

The original REA application supporting documents for the Glendale Solar Project were reviewed to assess potential changes to the previously identified environmental effects or mitigation measures resulting from the proposed amendment. Minimal potential environmental effects and no new environmental effects are expected to occur beyond those that were previously identified, documented and consulted on through the REA process given that the herbicide will be applied by a licenced exterminator in accordance with the Pesticides Act, R.S.O. 1990, c. P.11 and Ontario Regulation 63/09. All herbicides used will be registered by Health Canada's Pest Management Regulatory Agency for use in Canada. All herbicides will be used in accordance with the approved label for the product and standard mitigation measures for the use of herbicides will be implemented. Furthermore, the proposed change is not expected to require other provincial or federal permitting or approvals that may apply to the Project.

This report provides details on the proposed change to the Project and identifies the modifications that are required to each of the REA supporting documents submitted with the original application.



## 2. Proposed Project Change

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The purpose of this amendment is to permit the limited and targeted use of herbicides to control noxious weeds, such as wild parsnip (*Pastinaca sativa*) which is an invasive species harmful to humans and animals and is abundant throughout the Project site with an estimated coverage of approximately 50%. The presence of these plants puts the facility's workers health and safety at risk as physical contact with these plants can result in painful burn-like rashes on the skin. The wild parsnip originally migrated onto the Project site from the adjacent municipal roadway and the Township applied/applies herbicide to eradicate this noxious weed. Northland Power has attempted to use traditional mechanical grass cutting methods to control the spread of this weed; however, this has proven ineffective, and the weeds have spread on the Glendale Project site. Allowing the use of herbicides within the Project boundary will enable the safe and effective control of the growth of hazardous plants at the Project site.

Additionally, there are some areas along the perimeter fence where nuisance vegetation is causing damage to the fence, impacting the security of the site. Mechanical removal of this vegetation is not practicable, so it is necessary to apply herbicide to restore these areas and adequately secure the site.

Northland Power is proposing to use herbicides in a limited and targeted manner throughout the Project site to control weed growth. Application will be conducted by a licenced exterminator in accordance with the *Pesticides Act*, R.S.O. 1990, c. P.11 and Ontario Regulation 63/09. All herbicides used will be registered by Health Canada's Pest Management Regulatory Agency for use in Canada. All herbicides will be used in accordance with the approved label for the product.



### 3. Potential Negative Environmental Effects

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The REA reports for the Glendale Solar Project were reviewed to assess potential changes to the previously identified environmental effects or mitigation measures resulting from the proposed amendment. Minimal environmental effects and no new environmental effects are expected to occur beyond those that were previously identified, documented and consulted on through the REA process given that the herbicide will be applied by a licensed exterminator in accordance with the Pesticides Act, R.S.O. 1990, c. P.11 and Ontario Regulation 63/09. All herbicides used will be registered by Health Canada's Pest Management Regulatory Agency for use in Canada. All herbicides will be used in accordance with the approved label for the product, along with standard mitigation measures. Furthermore, the proposed change is not expected to require other provincial or federal permitting or approvals that may apply to the Project.

The Natural Heritage Environmental Impact Study (Hatch, 2011a), identified several significant natural heritage features located on or within 120 meters of the Project Location (refer to **Appendix A** for the Project Location Figure) including:

- woodland located on and within 120 m of the Project Location;
- wetlands located within 120 m of the Project Location (assumed provincially significant);
- wildlife habitat located on and within 120 m of the Project Location, specifically:
  - all lands on and within 120 m of the Projects site are considered habitat for Milksnake (*Lampropeltis Triangulum*);
  - woodlands supporting amphibian breeding habitat;
  - forest providing a high diversity of habitats; and
  - highly diverse areas.

Note that the Milksnake was delisted from being a species at risk in Ontario in 2016 and therefore, its habitat is no longer considered to be a significant natural heritage feature.

Significant natural heritage features within the Project Location (i.e., woodlands and wildlife habitat) were removed to facilitate construction of the facility (in accordance with the REA). Significant natural heritage features originally identified within 120 m of the Project Location were not altered for construction or operation of the facility and are therefore expected to continue to be present.

The confirmation letter from the Ministry of Natural Resources and Forestry (MNRF) regarding the Natural Heritage Assessment for this Project is provided in **Appendix B**.

The Waterbodies Environmental Impact Study (Hatch, 2011b) noted the Project Location is between 30 and 120 m away from the average annual high-water mark of the tributary of the Raisin River and Watercourse A. These watercourses and their associated 30 m setback from the high-water mark were not altered for construction or operation of the facility. Refer to **Appendix A** for figures depicting the natural heritage and waterbody features within and adjacent to the Project Location.



According to the Natural Heritage Assessment for Renewable Energy Projects (MNRF, 2022), potential effects from the application of herbicides can include:

- Loss of sensitive vegetation, loss or fragmentation of wildlife habitat and loss of biodiversity;
- Wildlife mortality;
- Introduction of non-native species of plants and wildlife increasing predation and parasitism on native flora and fauna; and
- Pollution of groundwater and surface water by introduction of herbicides into the hydrologic system.

To mitigate for these potential effects to vegetation communities, wildlife habitat and wildlife communities and water quality, the following mitigation measures will be implemented, as per the Natural Heritage Assessment for Renewable Energy Projects (MNRF, 2022):

- Apply herbicides only when wind speeds are low, and no significant precipitation is expected;
- Apply only herbicides approved for use adjacent to water bodies within riparian buffer areas (i.e., within 30 m of a watercourse or drainage channel) if herbicide application is proposed in such areas;
- Allow only hand spraying within areas adjacent to watercourses (if required) or drainage channels; and
- Use a dye solution in herbicide mix to visually detect uniform coverage of spray area.

In addition to the mitigation measures listed above, the following mitigation measures will be implemented:

- Prevent and clean spills using the methods outlined in the Waterbodies Environmental Impact Study (Hatch, 2011b); specifically:
  - The licenced exterminator will be directed to prepare herbicides (if on-site preparation is required) at least 30 m away from waterbodies, drainage ditches, channels or other wet areas;
  - An emergency spill kit will be kept on site in case of accidental spills; and
  - Provide adequate spill clean-up materials/equipment (e.g., absorbents) on site. The exterminator must have a spill clean-up procedure/emergency contingency plan in place prior to commencement of work at the site. All site staff should be trained in implementation of the procedure.

With the implementation of the above-noted mitigation measures, no new environmental effects on significant natural heritage features or waterbodies are anticipated as a result of herbicide application at the facility.

Lands within the Project Location were subject to Stage 1 and 2 archaeological assessments as part of the original REA submission (Hatch, 2011c). The confirmation letter from the Ministry of Tourism, Culture and Sport is included as **Appendix B**. This proposed amendment to facilitate the use of herbicides does not involve ground disturbance, nor does it increase the size of the Project Location. As such, no new impacts on archaeological resources will occur as a result of this amendment. Furthermore, following the completion of the Check Sheet



for Environmental Assessments: Screening for Impacts to Built Heritage and Cultural Heritage Landscapes, it was determined the Project would not result in impacts to Built Heritage and Cultural Heritage Landscape (Hatch, 2011d). Given that this proposed change will not result in impacts on archaeological or built heritage resources, reconfirmation of written comments regarding impacts to cultural heritage resources is not required.



## 4. Summary of Revisions to REA Documents

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This section identifies the amendments required to each of the supporting documents submitted with the original REA application to incorporate and address the proposed Project change.

Minor revisions are required to the text of the following supporting documents:

- Design and Operations Report (Hatch 2011e);
- Natural Heritage Environmental Impact Study (Hatch 2011a);
- Project Description Report (Hatch 2011f); and
- Waterbodies Environmental Impact Study (Hatch 2011b).

No text revisions are necessary to the remainder of the REA supporting documents including the following:

- Water Body Records Review Report
  - This report does not require modification as its purpose is to document a review of waterbody records. This report identified through a summary table that this project location is not within a waterbody, that there are no lakes within 120 m of the site, there are no Lake Trout lakes within 300m from the site and there are no seepage areas within the project location. It was noted there was one watercourse within 120 m from the project location.
- Water Body Site Investigation Report
  - This is a report detailing water body data collected in 2010 and 2011. As such, there is no revision required as part of this proposed modification.
- Stage 1-2 Archaeological Assessment Report
  - The application of pesticides will occur within the previously assessed project location has no potential to impact archaeological resources and, as such there is no revision required as part of this modification.
- Stage 1-2 Archaeological Assessment Report – Additional Lands
  - The application of pesticides will occur within the previously assessed project location has no potential to impact archaeological resources and, as such there is no revision required as part of this modification.
- Noise Assessment Study Report
  - Pesticide application will utilize either backpack sprayer or small farm-rated motored vehicle; this is not considered to be a new noise point source and is in line with the acoustical environment as outlined within the Noise Assessment Study Report and as such no revision is required as part of this modification.
- Natural Heritage Records Review Report
  - This is a desktop report detailing natural heritage data collected in response to the planned development of the property to allow construction of the solar facility, as such there is no revision required as part of this modification.



- Natural Heritage Site Investigation Report
  - This is a report detailing natural heritage data collected in 2010 and 2011. Further, there are no natural heritage resources in the current project location, which is occupied by the operating solar facility. As such, there is no revision required as part of this modification.
- Natural Heritage Evaluation of Significance Report
  - This report includes both a desktop review of habitat types within the Project Location and the Adjacent Lands (within 120 m) prior to construction of the facility, and an evaluation of the records on site between 2010 and 2011. It stated that an Environmental Impact Study would be required to construct the project site. No revisions are required as the proposed application of herbicide on the project location would not affect the evaluation of significance of adjacent natural features.
- Decommissioning Plan Report
  - This report includes details on how the facility will be decommissioned after reaching its lifespan. As this project is not in the decommissioning stage, and pesticide application is not expected to require any special decommissioning procedures, there are no revisions required as part of this modification.
- Consultation Report
  - The Consultation Report details the notification and consultation activities completed in support of the initial REA application. This Modifications document outlines the consultation activities completed in support of the REA amendment application. Therefore, no updates to the Consultation Report were required, as all updated consultation activities are documented in this report.
- Construction Plan Report
  - This amendment does not involve construction, as such there are no revisions required as part of this modification.

The following sections identify the text revisions required to each REA supporting document where changes are necessary to address the proposed Project Change discussed in section 2. The revisions are presented in a tabular format with both the original text and amended or new text provided in a separate column. Where new text has been added or replaced in existing text, it is shown in red font in the tables in the following sections. This amended text supersedes the original supporting document text.

## 4.1 Design and Operations Report

**Table 1** identifies the required revisions to the Design and Operations Report (Hatch 2011e) to address the proposed Project Change identified in section 2.



**Table 1. Design and Operations Report Revisions**

Page	Section	Original Text	Amended Text
8	4.2  Maintenance	The vegetation coverage, drainage systems and trees will be monitored and maintained regularly. Suitable ground cover will be established under the modules and some form of vegetation abatement may be required several times throughout the summer months. No hazardous chemicals would be used for this vegetation control.	<p>The vegetation coverage, drainage systems and trees will be monitored and maintained regularly. Suitable ground cover will be established under the modules and some form of vegetation abatement (e.g., mowing or other mechanical means) may be required several times throughout the summer months to prevent shading of the panels. <del>No hazardous chemicals would be used for this vegetation control.</del></p> <p>In addition to mechanical vegetation control, limited and targeted use of herbicide is proposed where necessary. Application will be conducted by a licenced exterminator in accordance with the <i>Pesticides Act</i>, R.S.O. 1990 c.P.11 and Ontario Regulation 63/09. All herbicides used will be registered by Health Canada's Pest Management Regulatory Agency for use in Canada. All herbicides will be under in accordance with the approved label for the product.</p>
11	Table 5.1  Summary of Potential Negative Environmental Effects and Proposed Mitigation Occurring during Operations Phase	<u>n/a</u>	<p>New Row Added to Table:</p> <p><u>Environmental Component</u></p> <p>Vegetation Communities/Wildlife Habitat.</p> <p><u>Sources of Negative Effect</u></p> <p>Limited and targeted herbicide use.</p> <p><u>Potential Negative Effect</u></p> <p>Unintended impacts on off-site vegetation and wildlife habitat due to herbicide movement offsite (e.g., via air dispersal or surface water runoff pathways).</p>





Page	Section	Original Text	Amended Text
			<p><u>Mitigation Measures</u></p> <p>Herbicides will be used in a limited and targeted manner; their application will be conducted by a licenced exterminator in accordance with the <i>Pesticides Act</i>, R.S.O. 1990 c.P.11 and Ontario Regulation 63/09. All herbicides used will be registered by Health Canada's Pest Management Regulatory Agency for use in Canada. All herbicides will be under in accordance with the approved label for the product to ensure ongoing safety for the public and the environment.</p> <p><u>Residual Negative Effect</u></p> <p>None – With implementation of mitigation, no negative effects on vegetation and wildlife outside the Project Location are expected to occur.</p> <hr/> <p>New Row Added to Table:</p> <p><u>Environmental Component</u></p> <p>Wildlife Communities</p> <p><u>Sources of Negative Effect</u></p> <p>Limited and targeted herbicide use</p> <p><u>Potential Negative Effect</u></p> <p>Unintended impacts to food sources, species lifecycle, increased capture through predation due to herbicide movement offsite.</p> <p><u>Mitigation Measures</u></p> <p>Herbicides will be used in a limited and targeted manner; their application will be conducted by a licenced exterminator in accordance with the <i>Pesticides Act</i>, R.S.O. 1990 c.P.11 and Ontario Regulation 63/09. All herbicides used will be registered by Health Canada's Pest Management</p>



Page	Section	Original Text	Amended Text
			<p>Regulatory Agency for use in Canada. All herbicides will be under in accordance with the approved label for the product to ensure ongoing safety for the public and the environment.</p> <p><u>Residual Negative Effect</u></p> <p>None – With implementation of mitigation, no negative effects on wildlife outside the Project Location are expected to occur.</p> <hr/> <p>New Row Added to Table:</p> <p><u>Environmental Component</u></p> <p>Groundwater</p> <p><u>Sources of Negative Effect</u></p> <p>Limited and targeted herbicide use</p> <p><u>Potential Negative Effect</u></p> <p>Unintended adverse impacts on groundwater quality due to herbicide infiltration into groundwater. This could potentially impact off-site vegetation and wildlife in areas receiving groundwater discharge.</p> <p><u>Mitigation Measures</u></p> <p>Herbicides will be used in a limited and targeted manner; their application will be conducted by a licenced exterminator in accordance with the <i>Pesticides Act</i>, R.S.O. 1990 c.P.11 and Ontario Regulation 63/09. All herbicides used will be registered by Health Canada's Pest Management Regulatory Agency for use in Canada. All herbicides will be under in accordance with the approved label for the product. This will assist to ensure minimal amounts of chemicals are applied to plants to receive desired outcome while reducing the risk of</p>



Page	Section	Original Text	Amended Text
			<p>residuals that could infiltrate into the ground water.</p> <p><u>Residual Negative Effect</u></p> <p>None – With implementation of mitigation, no negative effects on groundwater are expected to occur.</p> <hr/> <p>New Row Added to Table:</p> <p><u>Environmental Component</u></p> <p>Surface Water, Aquatic Habitat and Biota</p> <p><u>Sources of Negative Effect</u></p> <p>Run off of limited and targeted herbicide use</p> <p><u>Potential Negative Effect</u></p> <p>Adverse effects on water quality and aquatic habitat in receiving waterbodies due to herbicide movement offsite.</p> <p><u>Mitigation Measures</u></p> <p>Herbicides will be used in a limited and targeted manner; their application will be conducted by a licenced exterminator in accordance with the <i>Pesticides Act</i>, R.S.O. 1990 c.P.11 and Ontario Regulation 63/09. All herbicides used will be registered by Health Canada's Pest Management Regulatory Agency for use in Canada. All herbicides will be under in accordance with the approved label for the product to ensure ongoing safety for the public and the environment. Further dense vegetation within ditches is anticipated to catch any potential run off in the unlikely event that herbicides move outside the project area.</p> <p><u>Residual Negative Effect</u></p> <p>None – With implementation of mitigation, no negative effects on</p>



Page	Section	Original Text	Amended Text
			surface water, aquatic habitat and biota outside the Project Location are expected to occur.
15	6.1.3 Spills	Spills are the unintended release/discharge of material to air, land or water. The most likely decommissioning spill scenarios include: the release of sediments to waterbodies, sewage from portable washrooms and hazardous materials (eg. compressed gases and petroleum hydrocarbons) from containers or vehicles.	Spills are the unintended release/discharge of material to air, land or water. The most likely <del>decommissioning</del> spill scenarios include: the release of sediments to waterbodies, sewage from portable washrooms, <del>herbicides</del> , and hazardous materials (e.g., compressed gases and petroleum hydrocarbons) from containers or vehicles.
16	6.1.3 Spills	A spill kit will be available on-site during the decommissioning phase and will contain equipment necessary for spills response. This will include absorbent pads, absorbent boom, polyethylene bags, neoprene gloves, protective goggles, plastic bin or metal drum, and multi-purpose granular sorbents.	A spill kit will be available on-site during the <del>decommissioning</del> <del>operations</del> phase and will contain equipment necessary for spills response. This will include absorbent pads, absorbent boom, polyethylene bags, neoprene gloves, protective goggles, plastic bin or metal drum, and multi-purpose granular sorbents.

## 4.2 Natural Heritage Environmental Impact Study

**Table 2** identifies the required revisions to the Natural Heritage Environmental Impact Study (Hatch 2011a) to address the proposed Project Change identified in Section 2.

**Table 2. Natural Heritage Environmental Impact Study Revisions**

Page	Section	Original Text	Amended Text
12	3.2 Operation	The expected commercial operation date (COD) is April 20, 2012. The facility will operate 365 d/yr when sufficient solar radiation exists to generate electricity. The facility will be remotely monitored with no regular on-site employees. Maintenance is anticipated to occur quarterly. Maintenance activities will involve checking the structures and interconnections and cleaning the photovoltaic panels, as	The expected commercial operation date (COD) is April 20, 2012. The facility will operate 365 d/yr when sufficient solar radiation exists to generate electricity. The facility will be remotely monitored with no regular on-site employees. Maintenance is anticipated to occur quarterly. Maintenance activities will involve checking the structures and interconnections and cleaning the photovoltaic panels, as necessary.



Page	Section	Original Text	Amended Text
		necessary. All maintenance materials such as hydraulic fluids will be brought on site as required and no on-site storage will be made available. Rain and snowfall are anticipated to be sufficient for the cleaning of the panels. Should extra water be required, it will be brought on site. The system does not produce waste of any type. All debris as a result of maintenance or cleaning will be removed from the site immediately by the contracted party. The Project will also be inspected whenever the power output is lower than anticipated as this would be indicative of a mechanical problem. The Project is expected to have a lifespan of 35 to 40 years.	<b>Additional maintenance for vegetation management via mechanical means or limited and targeted herbicide use will occur as necessary.</b> All maintenance materials such as hydraulic fluids <b>and herbicides</b> will be brought on site as required and no on-site storage will be made available. Rain and snowfall are anticipated to be sufficient for the cleaning of the panels. Should extra water be required, it will be brought on site. The system does not produce waste of any type. All debris as a result of maintenance or cleaning will be removed from the site immediately by the contracted party. The Project will also be inspected whenever the power output is lower than anticipated as this would be indicative of a mechanical problem. The Project is expected to have a lifespan of 35 to 40 years.
13	4.1  Vegetation Communities / Wildlife Habitat	Vegetation communities/wildlife habitat can be impacted by a number of activities, including the following: <ul style="list-style-type: none"> <li>• Direct encroachment on the feature – The removal of vegetation from the significant natural feature would have an impact on the vegetation community as a whole and the wildlife habitat that is provided therein.</li> <li>• Fugitive dust generation – Fugitive dust generation has the potential to impact vegetation communities within the significant natural features as heavy dust loads on the photosynthetic surfaces of plants can retard growth and ultimately result in loss of the individual.</li> <li>• Changes in surface water runoff altering the moisture regime of the feature – Alterations in surface water runoff may impact the moisture regime of the receiving significant natural feature. If the moisture regime of</li> </ul>	Vegetation communities/wildlife habitat can be impacted by a number of activities, including the following: <ul style="list-style-type: none"> <li>• Direct encroachment on the feature – The removal of vegetation from the significant natural feature would have an impact on the vegetation community as a whole and the wildlife habitat that is provided therein.</li> <li>• Fugitive dust generation – Fugitive dust generation has the potential to impact vegetation communities within the significant natural features as heavy dust loads on the photosynthetic surfaces of plants can retard growth and ultimately result in loss of the individual.</li> <li>• Changes in surface water runoff altering the moisture regime of the feature – Alterations in surface water runoff may impact the moisture regime of the receiving significant natural feature. If the moisture regime of the receiving</li> </ul>



Page	Section	Original Text	Amended Text
		<p>the receiving natural feature was altered significantly, the composition of this community may change as a result.</p> <p>The potential negative effects and proposed mitigation measures associated with these activities are discussed by Project phase in the following sections.</p>	<p>natural feature was altered significantly, the composition of this community may change as a result.</p> <ul style="list-style-type: none"> <li>• Limited and targeted use of chemical herbicide sprays –If herbicides are transported off the Project Site and touch a non-targeted plant or run off into surface water impacts may be wider reaching than specific targeted species on the Project Site.</li> </ul> <p>The potential negative effects and proposed mitigation measures associated with these activities are discussed by Project phase in the following sections.</p>
14	4.1.1.1.1 Woodland / Forest Providing a High Diversity of Habitats	The fenceline will be installed at the edge of the cleared area at 1 m from the dripline of the woodland. Periodic maintenance may be required along the fenceline to prevent woodland encroachment. This will consist of occasional (no more than once per year) tree removal to be conducted in the late fall to minimize impacts on wildlife populations.	The fenceline will be installed at the edge of the cleared area at 1 m from the dripline of the woodland. Periodic maintenance may be required along the fenceline to prevent woodland encroachment. This will consist of occasional (no more than once per year) tree removal to be conducted in the late fall to minimize impacts on wildlife populations. Limited and targeted use of herbicides will also be required to control vegetation along the fenceline to prevent damage to the fence and ensure site security.
17	4.1.2 Operations Phase	With the Project operating unmanned and regular maintenance only expected to occur periodically throughout the year, potential impacts on the significant natural feature are expected to be limited to changes in surface water runoff and presence of the Project within the significant wildlife habitat for Milksnake.	With the Project operating unmanned and regular maintenance only expected to occur periodically throughout the year, potential impacts on the significant natural feature are expected to be limited to changes in surface water runoff, limited and targeted use of herbicides on the Project Location and presence of the Project within the significant wildlife habitat for Milksnake.
18	4.1.2.3 New	N/A	<p><i>Chemical Herbicides</i></p> <p>Chemical herbicides can alter the chemical composition of surface</p>



Page	Section	Original Text	Amended Text
			<p>water runoff and alter plant communities in both aquatic and terrestrial landscapes if used in an uncontrolled manner. Non-targeted application could lead to unwanted plant death and thereby unintended consequences to the habitat adjacent to the project site.</p> <p>Mitigation measures will be in place to ensure that chemicals are used in a limited and targeted manner to reduce risk of herbicides entering the water system and unintended terrestrial plant affects. These mitigation measures will include application by a licensed exterminator in accordance with the Pesticides Act, R.S.O. 1990, c. P.11 and Ontario Regulation 63/09. All herbicides used will be registered by Health Canada's Pest Management Regulatory Agency for use in Canada. All herbicides will be used in accordance with the approved label for the product, ensuring the weather condition is appropriate for spray application, use of a dyed herbicide to ensure application remains targeted and to allow for ease of accidental spill clean ups.</p>
20	4.2.2 Operations Phase	<p>As regular maintenance is anticipated to occur infrequently throughout a year, this would be consistent with existing disturbances on the Project location from agricultural operations.</p> <p>Mowing of vegetation beneath and around the solar panels, if required, may also result in incidental take. Mowing will be scheduled to occur outside of the breeding bird period. If these activities are required during the breeding period, the site will be searched for breeding birds prior to undertaking mowing activities. If nesting locations are identified, mowing will not be conducted within 25 m of the proposed location, until such time as the nest is successful</p>	<p>As regular maintenance is anticipated to occur infrequently throughout a year, this would be consistent with existing disturbances on the Project location from agricultural operations.</p> <p>Mowing of vegetation beneath and around the solar panels, if required, may also result in incidental take. Mowing will be scheduled to occur outside of the breeding bird period. If these activities are required during the breeding period, the site will be searched for breeding birds prior to undertaking mowing activities. If nesting locations are identified, mowing will not be conducted within 25 m of the proposed location, until such time as the nest is successful</p>



Page	Section	Original Text	Amended Text
		<p>or abandoned. Known occurrences of incidental take will be reported and the species impacted will be determined. If the species is determined to be a species of conservation concern, work within the area will be ceased immediately, and the MNR/EC will be contacted to make them aware of the occurrence. Work in the area will remain ceased until a survey is conducted by a trained biologist to ensure that there are no further species of conservation concern present in the area. Milksnake are habitat generalists and may be impacted by incidental take.</p> <p>Selective tree removal may be required along the fenceline to ensure that new growth of trees does not impact Project infrastructure. Tree removal in these areas will be completed by hand and will be conducted in the late fall (late October/November) to ensure that there is no impact to amphibian populations. As deadfall enhances wildlife habitat, any felled trees will be left along the edge of the Project location to provide increased wildlife habitat structure.</p> <p>Beyond the selective tree removal described above, there will be no vegetation management beyond the defined boundaries of the Project location as shown in Figure 1.1.</p> <p>As a result of the low level of disturbance associated with the Project (infrequent nature of site investigation, minimal noise produced by the Project equipment), operations are not expected to impact wildlife communities within the significant wildlife habitat features within 120 m of the Project location.</p>	<p>or abandoned. Known occurrences of incidental take will be reported and the species impacted will be determined. If the species is determined to be a species of conservation concern, work within the area will be ceased immediately, and the MNR/EC will be contacted to make them aware of the occurrence. Work in the area will remain ceased until a survey is conducted by a trained biologist to ensure that there are no further species of conservation concern present in the area. Milksnake are habitat generalists and may be impacted by incidental take.</p> <p>Selective tree removal may be required along the fenceline to ensure that new growth of trees does not impact Project infrastructure. Tree removal in these areas will be completed by hand and will be conducted in the late fall (late October/November) to ensure that there is no impact to amphibian populations. <b>Limited and targeted use of herbicides may also be required to support vegetation maintenance along the fenceline.</b> As deadfall enhances wildlife habitat, any felled trees will be left along the edge of the Project location to provide increased wildlife habitat structure.</p> <p>Beyond the selective tree removal described above, there will be no vegetation management beyond the defined boundaries of the Project location as shown in Figure 1.1. <b>Vegetation management within the defined boundaries will include limited and targeted chemical herbicide application when necessary to supplement mechanical vegetation management methods. Efforts will be made to ensure that there are no impacts to offsite vegetation communities and wildlife habitat.</b></p>





Page	Section	Original Text	Amended Text
			As a result of the low level of disturbance associated with the Project (infrequent nature of site investigation, minimal noise produced by the Project equipment, <b>no expected offsite effects due to herbicide use</b> ), operations are not expected to impact wildlife communities within the significant wildlife habitat features within 120 m of the Project location.

### 4.3 Project Description Report

**Table 3** identifies the required revisions to the Project Description Report (Hatch 2011f) to address the proposed Project Change identified in section 2.

**Table 3. Project Description Report Revisions**

Page	Section	Original Text	Amended Text
6	2.5.8  Maintenance and Inspection	The Project will typically be scheduled for maintenance every 2 to 3 months. Typically, maintenance includes checking the structures, interconnections and cleaning the photovoltaic panels. It is anticipated that the panels will be washed twice a year using on-site water with no cleaning solutions. All the required maintenance materials (e.g., hydraulic fluids) will be brought to the site as required so no on-site storage of this material will be necessary. The Project will also be inspected whenever the power output is lower than anticipated as this would be indicative of a mechanical problem.	The Project will typically be scheduled for maintenance every 2 to 3 months. Typically, maintenance includes checking the structures, interconnections and cleaning the photovoltaic panels. It is anticipated that the panels will be washed twice a year using on-site water with no cleaning solutions. <b>Further, maintenance will include vegetation management through limited and targeted use of herbicides.</b> All the required maintenance materials (e.g., hydraulic fluids, <b>herbicides</b> ) will be brought to the site as required so no on-site storage of this material will be necessary. The Project will also be inspected whenever the power output is lower than anticipated as this would be indicative of a mechanical problem.
8	Table 2.1  Potential Negative Environmental Effects	<u>Environmental Component</u>  Vegetation Communities	<u>Environmental Component</u>  Vegetation Communities



Page	Section	Original Text	Amended Text
		<p><u>Potential Environmental Effect</u></p> <p>Vegetation clearing on agricultural land as well as within natural vegetation communities will be required.</p> <p><u>Proposed Mitigation</u></p> <p>Work areas will be flagged to limit clearing, so it will not extend into unutilized areas.</p> <p>Revegetation as required, will occur after decommissioning.</p> <p><u>Residual Effect</u></p> <p>Loss of some vegetation on site. At least a 30m buffer for both the tributaries for the Glen Falloch Drain and the Raisin River will be retained.</p>	<p><u>Potential Environmental Effect</u></p> <p>Vegetation clearing on agricultural land as well as within natural vegetation communities will be required. <b>Ongoing maintenance and management of vegetation through limited and targeted chemical herbicide application during the operations phase to ensure ongoing health and safety at the project site.</b></p> <p><u>Proposed Mitigation</u></p> <p>Work areas will be flagged to limit clearing, so it will not extend into unutilized areas.</p> <p><b>Chemical herbicide application will be conducted by a licenced exterminator in accordance with the Pesticides Act, R.S.O. 1990, c. P.11 and Ontario Regulation 63/09. All herbicides used will be registered by Health Canada's Pest Management Regulatory Agency for use in Canada. All herbicides will be used in accordance with the approved label for the product, appropriate weather conditions will be assessed prior to spray application, dyed herbicide will be used to ensure targeted use, and to allow for ease of clean up of potential spills.</b></p> <p>Revegetation as required, will occur after decommissioning.</p> <p><u>Residual Effect</u></p> <p>Loss of some vegetation on site. At least a 30 m buffer for both the tributaries for the Glen Falloch Drain and the Raisin River will be retained.</p>



Page	Section	Original Text	Amended Text
9	Table 2.3 Potential Negative Environmental Effects	<p><u>Environmental Component</u></p> <p>Terrestrial Wildlife / Wildlife Habitat (including species at risk)</p> <p><u>Potential Environmental Effect</u></p> <p>Potential loss of wildlife habitat and potential wildlife avoidance of the Project area during construction and operation may occur as a result of disturbance.</p> <p><u>Proposed Mitigation</u></p> <p>Work areas will be clearly marked and will not infringe further than necessary. Mitigation measures will include no clearing in bird breeding season, if required. Area under panels will be seeded to support local wildlife communities.</p> <p><u>Residual Effect</u></p> <p>Reduced wildlife habitat during the life of the Project can be expected; however, re-establishment will occur after decommissioning.</p>	<p><u>Environmental Component</u></p> <p>Terrestrial Wildlife / Wildlife Habitat (including species at risk)</p> <p><u>Potential Environmental Effect</u></p> <p>Potential loss of wildlife habitat and potential wildlife avoidance of the Project area during construction and operation may occur as a result of disturbance.</p> <p>Potential for reduction of non-targeted plant species population from accidental overspray of herbicide application on the project site.</p> <p><u>Proposed Mitigation</u></p> <p>Work areas will be clearly marked and will not infringe further than necessary. Mitigation measures will include no clearing in bird breeding season, if required. Area under panels will be seeded to support local wildlife communities.</p> <p>Further, chemical herbicide application will be conducted by a licenced exterminator in accordance with the Pesticides Act, R.S.O. 1990, c. P.11 and Ontario Regulation 63/09. All herbicides used will be registered by Health Canada's Pest Management Regulatory Agency for use in Canada. All herbicides will be used in accordance with the approved label for the product, appropriate weather conditions will be assessed prior to spray application, dyed herbicide will be used to ensure targeted use, and to allow for ease of clean up of potential spills.</p>



Page	Section	Original Text	Amended Text
			<u>Residual Effect</u>  Reduced wildlife habitat and localized plant populations during the life of the Project can be expected; however, re-establishment will occur after decommissioning.

## 4.4 Waterbodies Environmental Impact Study

**Table 4** identifies the required revisions to the Waterbodies Environmental Impact Study (Hatch 2011b) to address the proposed Project Change identified in section 2.

**Table 4. Waterbodies Environmental Impact Study Revisions**

Page	Section	Original Text	Amended Text
11	3.2 Operation	<p>The expected commercial operation date (COD) is April 20, 2012. The facility will operate 365 d/yr when sufficient solar radiation exists to generate electricity. The facility will be remotely monitored with no regular on-site employees. Maintenance is anticipated to occur quarterly. Maintenance activities will involve checking the structures, interconnections and cleaning the photovoltaic panels, as necessary. All maintenance materials such as hydraulic fluids, will be brought on site as required and there will be no on-site storage for such materials. Rain and snowfall are anticipated to be sufficient for the cleaning of the panels. Should extra water be required for cleaning purposes, it will be brought on site from an off-site source. The Project will also be inspected whenever the power output is lower than anticipated as this would be indicative of a mechanical problem. The Project is expected to have a lifespan of 35 to 40 years.</p>	<p>The expected commercial operation date (COD) is April 20, 2012. The facility will operate 365 d/yr when sufficient solar radiation exists to generate electricity. The facility will be remotely monitored with no regular on-site employees. Maintenance is anticipated to occur quarterly. Maintenance activities will involve checking the structures, interconnections, and cleaning the photovoltaic panels, and vegetation management (via mechanical means and limited and targeted herbicide use) as necessary. All maintenance materials such as hydraulic fluids, and chemical herbicides, will be brought on site as required and there will be no on-site storage for such materials. Rain and snowfall are anticipated to be sufficient for the cleaning of the panels. Should extra water be required for cleaning purposes, it will be brought on site from an off-site source. The Project will also be inspected whenever the power output is lower than anticipated as this would be indicative of a mechanical problem. The Project is expected to have a lifespan of 35 to 40 years.</p>



Page	Section	Original Text	Amended Text
16	4.1.2.3  Changes in Vegetation	As noted in Section 4.1.1.3, existing vegetation within the proposed Project footprint area consists of hay fields and wooded area. Trees in the wooded area may be removed and the ground surface will be vegetated with a low growing, ground cover of various non-invasive grasses and forbs. This same vegetation mix will be planted in disturbed areas following construction and will comprise the long-term vegetation community on the site. Given that the long-term ground cover will be dense vegetation mix with similar stormwater management functions as the existing hay fields, so no significant changes in surface water runoff due to any change in vegetation community on the site are anticipated to occur.	<p>As noted in Section 4.1.1.3, existing vegetation within the proposed Project footprint area consists of hay fields and wooded area. Trees in the wooded area may be removed and the ground surface will be vegetated with a low growing, ground cover of various non-invasive grasses and forbs. This same vegetation mix will be planted in disturbed areas following construction and will comprise the long-term vegetation community on the site. Given that the long-term ground cover will be dense vegetation mix with similar stormwater management functions as the existing hay fields, so no significant changes in surface water runoff due to any change in vegetation community on the site are anticipated to occur.</p> <p>The vegetation community that has developed through the Project's progress is such that there are health and safety concerns for employees managing the property and the PV system (e.g., due to noxious weed growth). As such, limited and targeted application of chemical herbicides is proposed to ensure ongoing health and safety at this location. There may be localized short-term changes in runoff within specific areas where vegetation has been removed by herbicides. However, due to the limited and targeted application of herbicides, no substantial changes in overall runoff from the facility are expected. Further, it is anticipated that herbicide application will encourage the return of the vegetation community back to that which was planned for this Project site at the outset and therefore, there is no anticipated long-term change to the surface water runoff regime.</p>



Page	Section	Original Text	Amended Text
22	4.2.2 Operations Phase	<p>Long-term site alterations associated with the operations phase that would have the potential to affect surface water quality in nearby watercourses include:</p> <ul style="list-style-type: none"> <li>• Erosion and sedimentation from the Project area</li> <li>• Maintenance activities such as panel cleaning</li> <li>• Accidental spills.</li> </ul> <p>The potential negative effects and mitigation measures associated with these activities are discussed in the following sections.</p>	<p>Long-term site alterations associated with the operations phase that would have the potential to affect surface water quality in nearby watercourses include:</p> <ul style="list-style-type: none"> <li>• Erosion and sedimentation from the Project area</li> <li>• Maintenance activities such as panel cleaning <b>or herbicide use</b></li> <li>• Accidental spills.</li> </ul> <p>The potential negative effects and mitigation measures associated with these activities are discussed in the following sections.</p>
22	4.2.2.2 Maintenance Activities	N/A	<p><b><i>New Paragraph Added:</i></b></p> <p>Limited and targeted application of chemical herbicides is proposed to manage vegetation on the project location. Herbicides can potentially alter the chemical composition of surface water runoff and alter plant communities in both aquatic and terrestrial landscapes if used in an uncontrolled manner. Non-targeted application could lead to unintended effects to surface water quality adjacent to the project site.</p> <p>Mitigation measures will be in place to ensure that chemicals are used in a limited and targeted manner to reduce risk of herbicides entering the water system. These mitigation measures will include application by a licenced exterminator, in accordance with the Pesticides Act, R.S.O. 1990, c. P.11 and Ontario Regulation 63/09. All herbicides used will be registered by Health Canada's Pest Management Regulatory Agency for use in Canada. All herbicides will be used in accordance with the approved label for the product, ensuring the weather condition is appropriate for spray application, use of a dyed herbicide to ensure application remains targeted and to allow for ease of accidental spill clean ups.</p>



Page	Section	Original Text	Amended Text
22	4.2.2.3 Accidental Spills	<p>Use of fuels, lubricants and other potentially hazardous materials during the operations phase will be limited to those materials brought on site during periodic maintenance activities. This would include fuel and other lubricants in maintenance vehicles that are used to maintain the solar facilities. All maintenance vehicles will be equipped with a spill kit and a spill contingency and response plan will be in place for the duration of the operational period. Given this mitigation, and the limited quantity of material on site and the limited frequency and duration that it will be on site, no adverse effects due to accidental spills are anticipated to occur.</p> <p>The main transformer will contain a small volume of transformer oil, that could potentially be transferred to waterbodies in the event of a leak. In order to mitigate this potential, a containment structure will be installed around the transformer. Therefore, in the event of a leak, spilled fluid will be contained within the concrete pad surrounding the transformer. It would then be removed and disposed of in accordance with regulatory requirements. More details on the proposed containment system are provided in the Design and operations Report (Hatch Ltd., 2011c). No adverse effects on surface water are anticipated to occur due to presence of transformer oils on site.</p>	<p>Use of fuels, lubricants, <b>herbicides</b>, and other potentially hazardous materials during the operations phase will be limited to those materials brought on site during periodic maintenance activities. This would include fuel and other lubricants in maintenance vehicles that are used to maintain the solar facilities. All maintenance vehicles will be equipped with a spill kit and a spill contingency and response plan will be in place for the duration of the operational period. Given this mitigation, and the limited quantity of material on site and the limited frequency and duration that it will be on site, no adverse effects due to accidental spills are anticipated to occur.</p> <p>The main transformer will contain a small volume of transformer oil, that could potentially be transferred to waterbodies in the event of a leak. In order to mitigate this potential, a containment structure will be installed around the transformer. Therefore, in the event of a leak, spilled fluid will be contained within the concrete pad surrounding the transformer. It would then be removed and disposed of in accordance with regulatory requirements. More details on the proposed containment system are provided in the Design and operations Report (Hatch Ltd., 2011c). No adverse effects on surface water are anticipated to occur due to presence of transformer oils on site.</p>



Page	Section	Original Text	Amended Text
24	4.3.2 Operations Phase	During the operations phase, the only potential effect on groundwater would be due to accidental spills associated with maintenance activities and the presence of transformer oil.	During the operations phase, potential effects on groundwater would be due to accidental spills associated with maintenance activities and the presence of transformer oil. <b>The use of herbicides on the Project Site could also potentially impact on groundwater quality if herbicides were to infiltrate into the groundwater layer.</b>
25	4.3.2.2 NEW	N/A	<p><b><i>Chemical Herbicide Use</i></b></p> <p>Chemical herbicides can alter the chemical composition of groundwater if herbicides infiltrate into the groundwater layer. This could potentially result in unintended effects in off-site areas where groundwater discharges to the surface.</p> <p>Mitigation measures will be in place to ensure that herbicides are used in a limited and targeted manner to reduce risk of chemicals entering the groundwater system. These mitigation measures will include application by a licensed exterminator, in accordance with the Pesticides Act, R.S.O. 1990, c. P.11 and Ontario Regulation 63/09. All herbicides used will be registered by Health Canada's Pest Management Regulatory Agency for use in Canada. All herbicides will be used in accordance with the approved label for the product, ensuring the weather condition is appropriate for spray application, use of a dyed herbicide to ensure application remains targeted and to allow for ease of accidental spill clean ups.</p> <p>With this mitigation in place, no negative effects on groundwater quality are expected to occur due to proposed herbicide use.</p>





## 5. MNRF Consultation

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During the project initiation discussion, Ministry of Environment, Conservation and Parks (MECP) indicated that MNRF would need to review the proposed change and confirm their agreement with the Natural Heritage Assessment component of it.

To address this requirement, GEI met with two representatives from the MNRF on July 27, 2023, including Lisa Solomon (Acting Regional Ecologist) and Melinda Thompson (Regional Planning Ecologist). The purpose of the meeting was to discuss the proposed project change, obtain preliminary input on the proposed limited and targeted use of herbicides, determine what information MNRF would require and discuss MNRF's review process.

Following the meeting, GEI provided the MNRF with the Modifications Document for review on July 28. The MNRF provided the project team with an email indicating their support for the amendment on August 15, 2023. GEI requested clarification for the supportive email provided by the Regional Planning Ecologist on August 15 and the MNRF provided clarification on August 18, 2023, stating that:

*Based on the information you have provided; we agree with your assessment that the proposed change to the Glendale Solar project involving the application of herbicides to control vegetation (including but not limited to Wild Parsnip) at the site will result in no changes to natural features affected by the project.*

*Upon review of the modifications, MNRF is satisfied that the Natural Heritage Assessment requirements of Ontario Regulation 359/09 have been met.*

A copy of communications with the MNRF is provided in **Appendix D**.



## 6. Indigenous Communities and Stakeholder Notifications

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Based on review of a draft version of this Modifications Document, the MECP confirmed that a Notice of Project Change would need to be distributed in accordance with paragraphs 1, 2, 3 and 4 of subsection 15(6) of Ontario Regulation 359/09, to the stakeholders identified in paragraph 5 of subsection 15(6) of Ontario Regulation 359/09.

In order to meet these requirements, a Notice of Project Change was prepared and distributed directly to the following Indigenous Communities and stakeholder groups:

- Indigenous Communities, as directed by the MECP and from ongoing engagement work conducted at this project location including:
  - Mohawks of the Bay of Quinte;
  - Mohawks of Akwesasne;
  - Metis Nation of Ontario; and
  - Ottawa Regional Metis Council.
- All owners of lands located within 120 m of the Project Location (confirmation by the Townships of South Glengarry and South Stormont);
- The clerk for the Township of South Glengarry;
- The MECP Director; and
- The MECP Senior Project Evaluator.

A copy of the Notice of Project Change and a generic (unaddressed) version of the covering letter provided directly to these stakeholders is provided in **Appendix C**. Notifications to Indigenous communities were sent by both letter mail and email.

In addition to the direct mailing, the Notice of Project Change was also included in the Seaway News and Indian Time, with circulation in the project area the weeks of January 8<sup>th</sup> and 15<sup>th</sup>, 2024. Copies of the newspaper inclusions are found in **Appendix C**.

Further, the Notice of Project Change was posted to the project website. A screenshot of the website showing that this notice was posted is provided in **Appendix C**.

The Modifications Document was posted to the project website at the time notification letters were distributed and prior to posting of the Notice of Project Change in local newspapers. The Notice of Project Change and covering letter indicated that the Modifications Document was available for viewing on the website.

No comments or questions were received following the issuance of the Notice of Project Change.



## 7. Conclusions

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Northland Power Solar Glendale LP is seeking to amend the REA to permit the targeted and limited application of herbicides as part of site management activities. Application will be conducted by a licensed exterminator in accordance with the Pesticides Act, R.S.O. 1990, c. P.11 and Ontario Regulation 63/09. All herbicides used will be registered by Health Canada's Pest Management Regulatory Agency for use in Canada. All herbicides will be used in accordance with the approved label for the product. The proposed change will not alter the size of the Project Location and with the implementation of mitigation measures, is unlikely to result in adverse environmental effects beyond those previously identified, documented and consulted on through the REA process.

**Prepared By:**

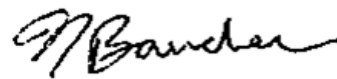
GEI Consultants



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Pamela Teddy  
Project Manager  
647-383-7268  
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**Reviewed By:**



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Noel Boucher  
Project Director  
289-929-6951  
[nboucher@geiconsultants.com](mailto:nboucher@geiconsultants.com)



## REFERENCES AND BACKGROUND MATERIALS

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Hatch 2011a. Natural Heritage Environmental Impact Study. Available online: <https://www.northlandpower.com/en/assets-and-infrastructure/document-listing.aspx#Glendale>

Hatch 2011b. Waterbodies Environmental Impact Study. Available online: <https://www.northlandpower.com/en/assets-and-infrastructure/document-listing.aspx#Glendale>

Hatch 2011c. Stage 1-2 Archaeological Assessment Report. Available online: <https://www.northlandpower.com/en/assets-and-infrastructure/document-listing.aspx#Glendale>

Hatch 2011d. Check Sheet for Environmental Assessments: Screening for Impacts to Built Heritage and Cultural Heritage Landscapes.

Hatch 2011e. Design and Operations Report. Available online: <https://www.northlandpower.com/en/resourcesGeneral/ProjectDocuments/Glendale/DesignandOperationsReport.pdf>

Hatch 2011f. Project Description Report. Available online: <https://www.northlandpower.com/en/resourcesGeneral/ProjectDocuments/Glendale/ProjectDescriptionReport.pdf>

Ministry of Environment, Conservation and Parks (MECP) 2023. Technical Guide to Renewable Energy Approvals. Available online: <https://www.ontario.ca/document/technical-guide-renewable-energy-approvals-0>

Ministry of Natural Resources and Forestry (MNRF) 2022. Natural Heritage Assessment for Renewable Energy Projects. Available online: <https://www.ontario.ca/page/natural-heritage-assessment-renewable-energy-projects>

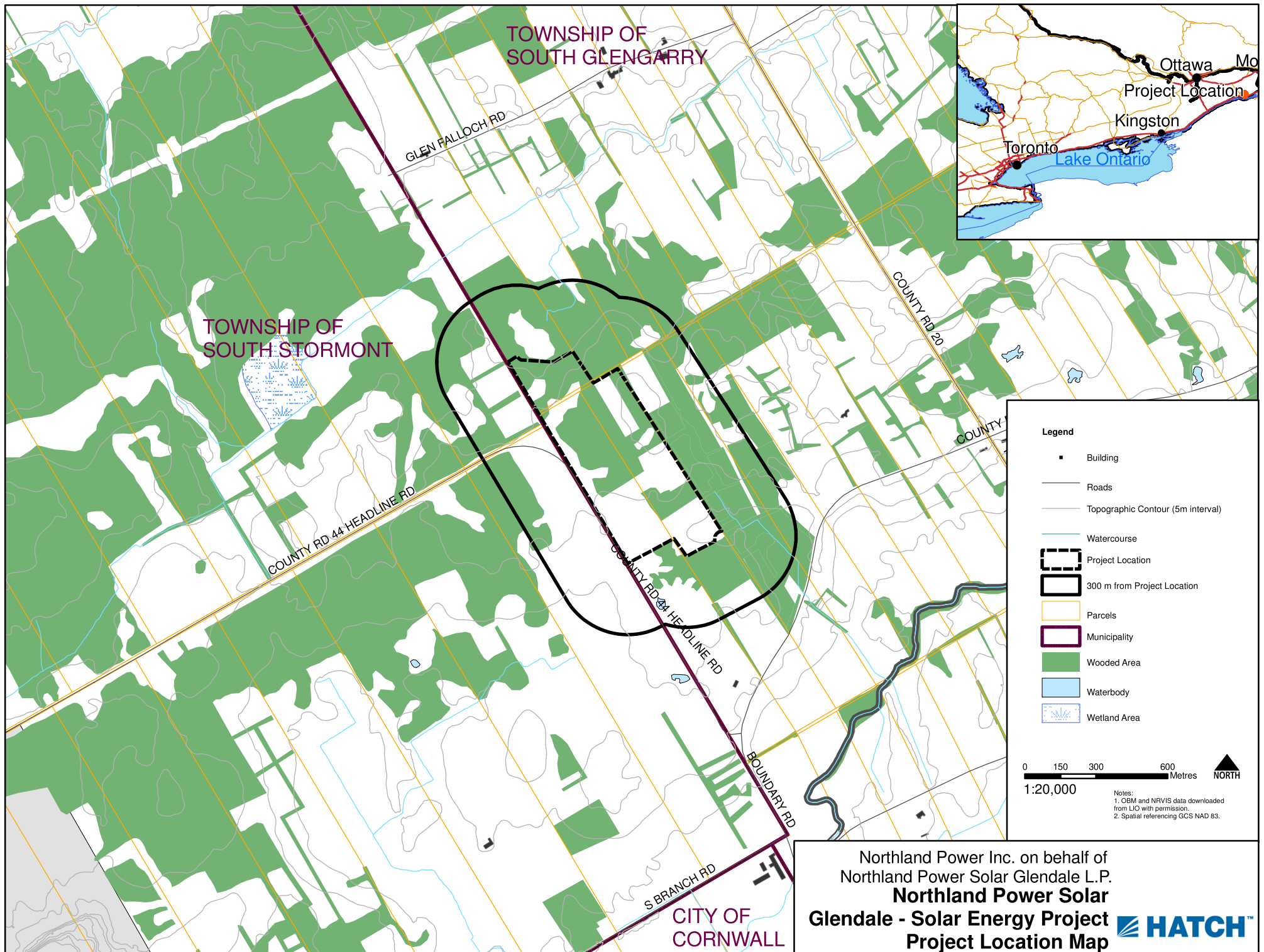


# Appendix A

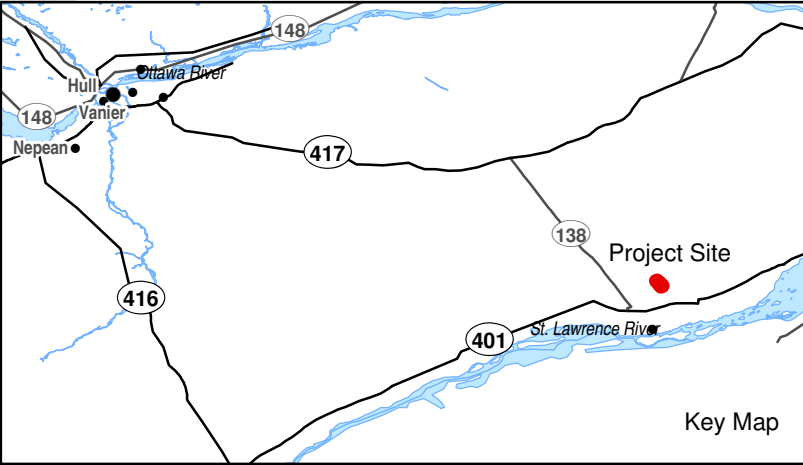
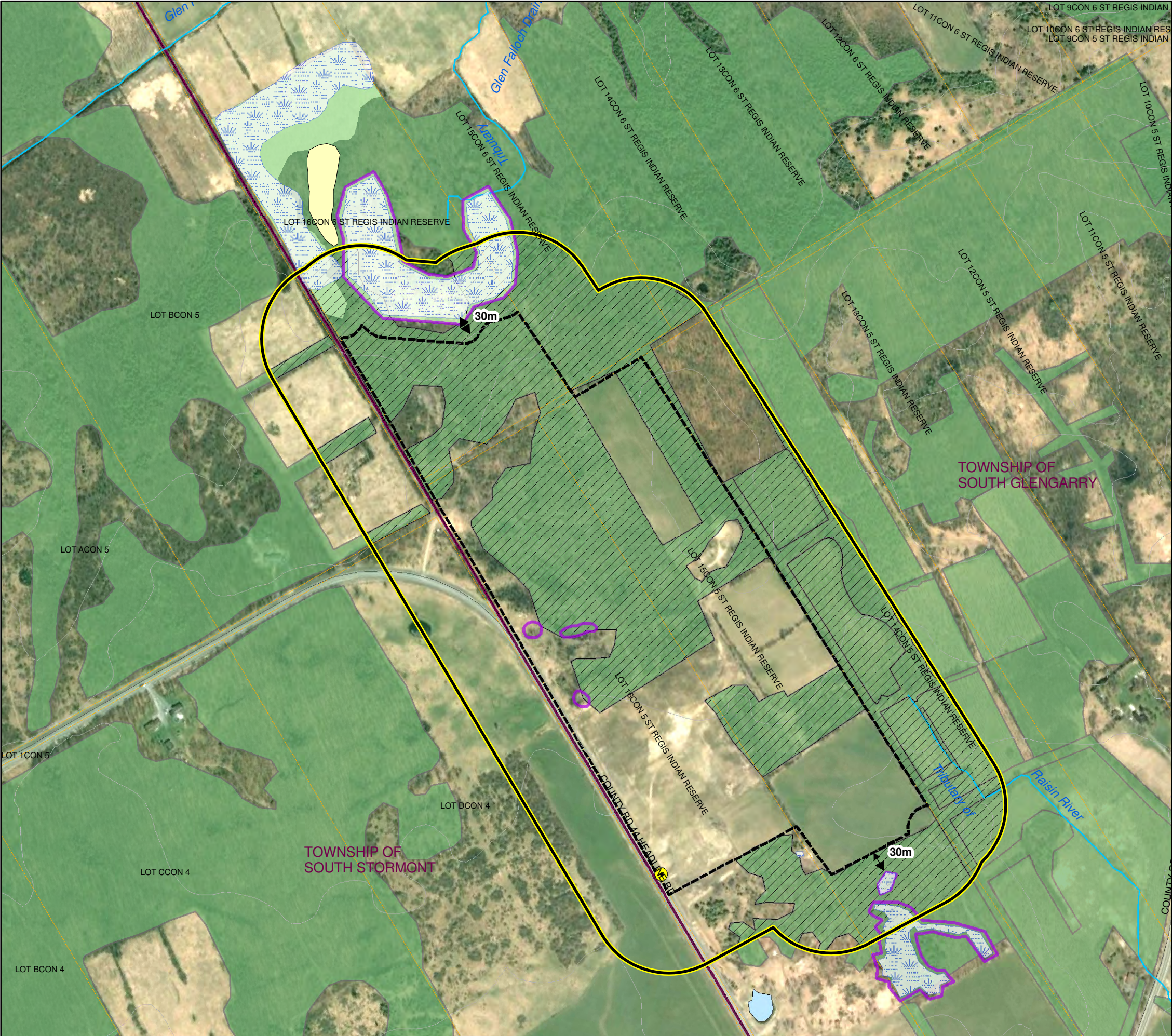
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## Figures from Original REA Supporting Documents









**Legend**

- Roads
- Watercourse
- Parcels
- Municipal Boundary
- Waterbody
- Woodland

**Significant Natural Features**

- Amphibian Breeding Habitat
- Significant Woodland
- Forest Providing a High Diversity of Habitats
- Milksnake Habitat / Highly Diverse Areas
- Provincially Significant Wetland (Assumed)

**Project Components**

- Connection Point With Existing Distribution Line
- 120 m from Project Location
- Project Location
- Amphibian Breeding Pond Compensation Area



Notes:  
1. OBM and NRVIS data downloaded from LIQ, with permission.  
2. Spatial referencing UTM NAD 83, August 2010.  
3. Satellite imagery from Google Earth Pro.

Figure 1.1  
Northland Power Inc.

**Glendale Solar Project  
Project Components and  
Significant Natural Heritage Features**







Figure 1.1  
Northland Power Inc  
**Glendale Solar Project**  
**Project Location and**  
**Water Body Features**



## **Appendix B**

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### **Confirmation Letters**



July 8, 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 Glendale Solar Project in the township of South Glengarry 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:

1. The MNR confirms that the determination of the existence of natural features and the boundaries of natural features was made using applicable evaluation criteria or procedures established or accepted by MNR.
2. The MNR confirms that the site investigation and records review were conducted using applicable evaluation criteria or procedures established or accepted by MNR, if no natural features were identified.
3. The MNR confirms that the evaluation of the significance or provincial significance of the natural features was conducted using applicable evaluation criteria or procedures established or accepted by MNR (if required).
4. The MNR confirms that the project location is not in a provincial park or conservation reserve.
5. The MNR confirms that the environmental impact 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.

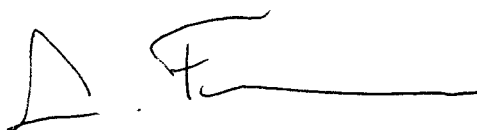
In accordance with S.12 (1) of the Renewable Energy Approvals Regulation, this letter must be included as part of your application submitted to the MOE for a Renewable Energy Approval.

Please be aware that your project may be subject to additional legislative approvals as outlined in the Ministry of Natural Resources' *Approvals and Permitting Requirements Document*. These approvals are required prior to the construction of your renewable energy facility.

Please be aware that your project may be subject to additional legislative approvals as outlined in the Ministry of Natural Resources' *Approvals and Permitting Requirements Document*. These approvals are required prior to the construction of your renewable energy facility.

If you wish to discuss any part of this confirmation or additional comments provided, please contact Heather Zurbrigg, Renewable Energy Planning Ecologist at 613-258-8366 or at [heather.zurbrigg@ontario.ca](mailto:heather.zurbrigg@ontario.ca)

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Fraser', with a long horizontal line extending to the right.

Jim Fraser for  
Ken Durst  
District Manager  
Kemptonville District MNR

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

cc. Andrea Fleischhauer, A/Southern Region Renewable Energy Coordinator, MNR

cc. Narren Santos, Environmental Assessment and Approvals Branch, MOE



September 9, 2010

Mr. Paul Racher  
Archaeological Research Associates  
97 Gatewood Road  
Kitchener, Ontario  
N2M 4E3  
[pracher@arch-research.com](mailto:pracher@arch-research.com)

**RE: Review and Acceptance into the Provincial Register of Reports: Archaeological Assessment Report Entitled, "Stage 1 and 2 Archaeological Assessment Glendale Solar Project, Township of South Glengarry, United Counties of Stormont, Dundas and Glengarry, Ontario," Report Dated August 2010, Report Received August 24, 2010. Revised Report received September 3, 2010. MCL Project Information Form Number P007-245-2010, MCL RIMS Number HD00503. FIT-FAH1BFV.**

Dear Mr. Racher:

This office has reviewed the above-mentioned report, which has been submitted to this Ministry as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18. This review is to ensure that the licensed professional consultant archaeologist has met the terms and conditions of their archaeological licence, that archaeological sites have been identified and documented according to the 1993 technical guidelines set by the Ministry and that the archaeological fieldwork and report recommendations ensure the conservation, protection and preservation of the cultural heritage of Ontario.

As the result of our review, this Ministry accepts the above titled report into the Provincial register of archaeological reports. The report indicates that 4 archaeological sites, Findspots 1 to 4, were found on the subject property and it is recommended that they be considered significant enough to warrant Stage 3 investigations. This Ministry concurs with this recommendation.

Should you require any further information regarding this matter, please feel free to contact me.

Sincerely,

Jim Sherratt  
Archaeology Review Officer  
Eastern Region

- c. Archaeology Licensing Office  
Tom Hockins, Northland Power  
Kimberley Arnold, Hatch Limited

## Appendix C

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### Indigenous Community and Stakeholder Communications

- Seaway News Tear Sheets
- Indian Time Tear Sheets
- Screenshot of Northland Website with Updated Modifications Documents
- Notice of Project Change – Mailer
- Stakeholder Cover Letter
- Agencies Cover Letter
- Indigenous Communities Cover Letter
- Indigenous Communities Emails





Shayla Kroeze, Ph.D. Candidate, Queens University feeds a chickadee at Upper Canada Bird Sanctuary Paula Labonte

## In Her Element

PAULA LABONTE

Shayla Kroeze is a Rothwell Osnabrook graduate, former UCDSB student trustee and recently an inductee into the South Stormont Sports Hall of Fame for her contribution to the RO Lancers 2014 Girls High School Basketball Team; whom were SO&G champs for three years, played in the Eastern Ontario Championships for four years, winning two gold medals and one silver defeating double, triple, and quadruple "A" schools.

Shayla continued on to earn a Bachelor of Science with an honours specialization in environmental science and a Masters in Biology from Western University. She has spent her most of her post secondary career around birds and butterflies and wading through rivers or avoiding polar bears while

on a recent research trip up north.

Lately she has been researching more ducks than chickadees since she was awarded one of only six 2023 \$10,000 USD awards to support research on North American sea ducks from the Sea Duck Joint Venture Partner Organizations. The goal of the program is to increase the number of skilled early career professionals interested in sea duck research, management, and conservation in related fields.

In September 2023 she also won a \$35,000 scholarship issued by Natural Sciences and Engineering Research Council of Canada aimed to promote continued excellence in Canadian research by rewarding and retaining high-caliber doctoral students at Canadian institutions.



## Hampton Inn by Hilton opens new hotel in Cornwall

CHOOSE CORNWALL

Hampton Inn by Hilton has opened a four-story hotel on Vincent Massey Drive, easily accessible to travellers on Highway 401 or crossing at Cornwall's international border crossing. The brand-new hotel features 80 modern and spacious guest rooms.

"In addition to its proximity to both Montreal and Ottawa, Cornwall offers a vibrant and diverse community offering the perfect blend for the leisure and corporate traveler alike. We are excited to contribute to the growth of this thriving community with

the opening of its first Hilton hotel," said Shannon Gareau, General Manager. "Our hotel will provide the highest level of customer service to our guests and our team looks forward to being an active business partner in the Cornwall community."

Additional hotel amenities include a complimentary daily hot and cold breakfast buffet, indoor swimming pool, a fitness center, boardroom for small meetings and events, treats market, complimentary Wi-Fi, fax and copy services, outdoor patio and BBQ area and ample free parking.

## Building Confidence, Discovering Potential.

Register for Kindergarten today!



[www.ucdsb.on.ca/register](http://www.ucdsb.on.ca/register)



## Notice of a Project Change

**Project Name:** Glendale Solar

**Project Applicant:** Northland Power Solar Glendale G.P.

**Project Location:** 18085 County Road 19, Township of South Glengarry, Ontario

### Project Description:

The Glendale Solar project is a Class 3 solar facility with a maximum name plate capacity of 10MW that uses solar photovoltaic technology to generate electricity. The facility has been operating since 2014 under Renewable Energy Approval (REA) #1565-8ULQ77.

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### Project Contacts:

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

**Northland Power**  
Rob Miller, M.Sc., P.Eng., Manager, Solar Operations  
621 Morris Court, Unit #3  
Kingston, Ontario K7P 2R3 Canada  
Telephone: 613-888-0406  
[rob.miller@northlandpower.com](mailto:rob.miller@northlandpower.com)







## Notice of a Project Change

**Project Name:** Glendale Solar  
**Project Applicant:** Northland Power Solar Glendale G.P.  
**Project Location:** 18065 County Road 19, Township of South Glengarry, Ontario

### Project Description:

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### Project Contacts:

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

**Northland Power**  
 Rob Miller, M.Sc., P.Eng., Manager, Solar Operations  
 621 Harris Court, Unit #3  
 Kingston, Ontario K7P 2R9 Canada  
 Telephone: 613-898-0466  
[robert.miller@northlandpower.com](mailto:robert.miller@northlandpower.com)



## AROUND THE COUNTIES

STORMONT • DUNDAS • GLENGARRY

### New at SDG Library in 2024



Happy New Year, everyone! Thank you for a great 2023. We're looking forward to offering our Library services for another year, and have lots of things we're working on that we can't wait to share.

Now this year is our 2024 SDG Library Reading Challenge. If your New Year's resolution is to read more, this is the perfect opportunity! Join SDG Library staff and community members as we read one title each month. Throughout the year, we will post monthly prompts that will help you choose which book to read. Read in whichever format you prefer: print, eBook, audiobook, or any combination. This year-long challenge is designed to help readers connect with new titles and authors, create community connections, and explore by reading outside their comfort zone. Anyone interested can join our Facebook group (2024 SDG Library Reading Challenge).

Our prompts are meant to help you find titles you otherwise may not read. Start January off strong by reading a book by a 2023 debut author. Celebrate the completion of your first book by reading a book by a

BIPOC author in February. Once March rolls around, read a book that was adapted into a movie. Celebrate the (hopeful) return of spring by reading a graphic novel or manga in April, then jump into a biography or memoir in May. Start anticipating those warm summer days by reading a beach read in June, then dive into a book set in Canada in July. Jump into a fantasy or science fiction book in August, then read a mystery book in September. Start the October spooky season right with a horror/ghost book. Read a book by an Indigenous author in November, then finally cap off the year by reading an award-winning book in December.

In other Library news, the SDG Library now offers patrons free, unlimited access to cloudLibrary's NewsStand, the world's largest digital magazine and newspaper catalogue. With 7,000 titles in over 60 languages, you'll never run out of things to read. Popular magazine titles include Country Living, the New Yorker, Taste of Home, Cosmopolitan, Hello!, Reader's Digest, Elle, and more!

Visit our social media or website to find out more information and stay up to date on our upcoming events and launches. To sign up for a library card, register online at [sdglibrary.ca](http://sdglibrary.ca) or visit your local branch.

Here's to another year of reading, learning, creating and exploring!

### SDG Regional Incentives Program

**By Phillip Blancher, Local Journalism Initiative Reporter**

The latest intake of the SDG Counties Regional Incentives Program has opened with one significant change for 2024 – there will be only one intake period. The program, which has funded over \$1.35 million in business improvements since 2018, offered up to three intake periods in previous years.

"In 2024 we will pivot to a single intake period so that we can ensure that the program remains as competitive as possible and that applicants have the best opportunity for equal consideration," said Tara Kirkpatrick, SDG Counties manager of economic development. "This will also ensure that all funds can be dispersed by early spring so that potential candidates can begin their projects in advance of the seasonal thaw."

This year, SDG Counties council approved a budget of \$250,000 for applicants; however there will be additional money available. The overall budget for the 2024 intake is \$273,518.30.

One project that was approved in 2022 did not move forward, with the unspent amount being rolled into this year's intake.

Kirkpatrick explained successful applicants have to begin a project within the 12 month period after being approved for the program, and that a one-time six month extension can be made if there are issues like weather, material, or construction related delays.

"This provides [applicants] a max total of 18-months to complete their project," she said.

In the past, businesses have applied to the fund for a variety of business improvements from signage to facades to structural issues.

"The Regional Incentives Program is a tool to help grow and expand our businesses in SDG Counties," said Kirkpatrick. "This program is reducing the number of vacant commercial buildings within our communities, while creating jobs, tourism and agricultural experiences as well as inspiring a new generation of entrepreneurs to grow their business."

Some recent successful applicants include the renovation of Whitaker Environmental Services Inc. in Brimston, Violet's Vault in the former Bank of Montreal branch in Ingois, and the Last Villages Brewery in Long Sault.

The program is open to all commercial business sectors from tourism to agriculture and has funded on-farm expansions and agri-tourism.

Kirkpatrick said there is a trickle-down effect from the program spending – more than \$10 million in local construction projects.

Grants for projects are calculated based on 50 per cent of eligible invoices up to a maximum amount. Funds from the program are paid once a project is completed to reimburse the business owner. If a project is under budget, the 50 per cent figure is still used. Businesses that have previously applied and not been successful are able to reapply. Past recipients can apply again if it has been two years since the last project was completed.

"All applicants are urged to contact me directly, or inquire with their local municipality about potential projects so that we may guide them through the process and ensure their applications are complete."

The application window is open until Feb. 28. Info on the application process is available at [sdgcounties.ca](http://sdgcounties.ca).

## Building Confidence, Discovering Potential.

Register for Kindergarten today!



[www.ucdsb.on.ca/register](http://www.ucdsb.on.ca/register)





Lily Gladstone made history by becoming the first Native woman to win the Golden Globe award for best actress in a dramatic film.

#### GLADSTONE continued from cover...

In her speech, Gladstone spoke some of her Blackfeet language and thanked those that helped her reach this moment.

"I'm so grateful that I can speak even a little bit of my language, which I'm not fluent enough up here. Because in this business, Native actors used to speak their lines in English and then the sound mixers would run them backwards to accomplish Native languages on camera," Gladstone said. "This is an historic win, it doesn't belong to just me. I'm holding it right now I'm holding it with all of my beautiful sisters."

"And this is for every little rez kid, every little urban kid, every little Native kid out there who has a dream, who is seeing themselves represented in our stories, told by ourselves, in our own words, with tremendous allies and tremendous trust," Gladstone added.

From the Blackfeet Reservation in northwestern Montana, Gladstone comes from Kainai (Blood), Amskapi Piikani (Blackfeet) and Niimiipuu (Nez Perce) tribal nations.

At the Globes, Gladstone wore a white strapless Valentino gown with a black opera coat and earrings from Blackfeet designer Lenise Omeaso of Antelope Women Designs, according to InStyle.

Starring with Leonardo DiCaprio and Robert De Niro, Gladstone plays Mollie Burkhart, an Osage woman in 1920s Oklahoma who suffers a series of murders of her close Osage Nation friends and family members after oil is discovered on their lands.

"Killers of the Flower Moon" received seven nominations: Best Picture (Drama), Best Director, Best Screenplay, Best Actor, Best Actress, Best Support-

ing Actor and Best Original Score. It only won in the Best Actress category, overshadowed by Christopher Nolan's "Oppenheimer," which won five awards for Best Picture (Drama), Best Director, Best Actor, Best Supporting Actor and Best Original Score.

DiCaprio was nominated for best actor in a dramatic film for his role as Molly's villainous husband Ernest Buckhart in "Flower Moon." And De Niro earned a nomination for best supporting actor.

In 2022, Gladstone appeared in "The Unknown Country," "Quantum Cowboys," "The Last Manhunt," "Fancy Dance," six episodes on the TV series "Billions," and two "Reservation Dogs" episodes.

The competitors in Gladstone's category at the 2023 Golden Globes were Annette Bening ("Nyad"), Sandra Hüller ("Anatomy of a Fall"), Greta Lee ("Past Lives"), Carey Mulligan ("Maestro") and Cailee Spaeny ("Priscilla").

"Killers of the Flower Moon" nominations:

Best Motion Picture Drama

Best Performance Female Actor in Motion Picture Drama | Lily Gladstone

Best Performance Male Actor in Motion Picture Drama | Leonardo DiCaprio

Best Director Motion Picture | Martin Scorsese

Best Original Score Motion Picture | Robbie Robertson

Best Supporting Male Actor in any Motion Picture | Robert De Niro

Best Screenplay Motion Picture | Eric Roth, Martin Scorsese

This story is co-published by the Tulsa World and ICT, a news partnership that covers Indigenous communities in the Oklahoma area and reprinted with permission.

**The most potent weapon in the hands of the oppressor is the mind of the oppressed. - Steve Biko**

#### LAZORE continued from page 2...

Krysta, Aiden, Kaden, Kysen, Kowen, Kylin, Larissa, Davis, Jack; many nieces, nephews, great grandchildren and two great-great grandchildren.

Dennis was predeceased by his parents Thomas and Annie, and his siblings; William Lazore, Wilfred Lazore, Peter "Chico" Lazore, John Lazore, David Lazore, Louie Lazore Sr., Rita Lazore and Emma Thompson; nieces Linda Lazore, Cathy Lazore, Clara Thompson, Delsie Hall, Priscilla Lazore, nephews; Stanley Lazore, Peter Lazore,

Gary "Red" Thompson, Louie Lazore, Jr., William "Billy" Lazore and two grandsons Tanner Jock and Ryan Lazore.

Friends may call at Akwesasne Homemakers beginning Thursday at 2 pm until the time of service on Saturday at 10am. Meal to follow at Snye Recreation.

Arrangements are under the care and guidance of the Donaldson Funeral Home, where friends and family are encouraged to share memories and condolences online at [www.donaldsonfh.com](http://www.donaldsonfh.com).

## Notice of a Project Change



**Project Name:** Glendale Solar

**Project Applicant:** Northland Power Solar Glendale G.P.

**Project Location:** 18085 County Road 19, Township of South Glengarry, Ontario

#### Project Description:

The Glendale Solar project is a Class 3 solar facility with a maximum name plate capacity of 10MW that uses solar photovoltaic technology to generate electricity. The facility has been operating since 2014 under Renewable Energy Approval (REA) #1565-8ULQT7.

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To date, Northland Power has been managing weeds at the facility using mechanical methods. However, this method has been unsuccessful in preventing the spread of noxious weeds, including Wild Parsnip, which is resulting in a safety hazard for workers at the site as well as operational issues due to weed growth. Therefore, Northland Power is proposing the use of chemical herbicides applied in a limited and targeted manner on the Project Site to manage noxious weeds. This requires an amendment to the REA.

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#### Project Contacts:

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

#### Northland Power

Rob Miller, M.Sc, P.Eng.,  
Manager, Solar Operations  
621 Norris Court, Unit #3  
Kingston, Ontario K7P 2R9  
Canada

Telephone: 613-888-0466

[Jonrobert.miller@Northlandpower.com](mailto:Jonrobert.miller@Northlandpower.com)





# Oneida Indian Nation Will Enter Cannabis Market

ONEIDA continued from cover...

Place, directly across from Turning Stone Resort Casino, the dispensary is set to offer an exclusive selection of high-quality cannabis products.

During its soft opening, Verona Collective will feature cannabis flower and pre-rolls from its proprietary brands including Trim & Proper, CNY Provisions, and Fair Shake. This initial offering will soon expand to include a wider range of products such as chocolates, gummies, and vapes, marking a significant development in the Oneida Indian Nation's seed-to-sale cannabis operation.

Catering to diverse preferences, the dispensary offers customers the opportunity to purchase up to three

ounces of cannabis flower daily. Additionally, customers can choose from pre-rolls available in 1-gram individual and 5-pack options. These products reflect the commitment of Verona Collective to providing quality and variety in their offerings.

The dispensary's strategic location and convenient operating hours (10am to 9pm Sunday through Wednesday and 10am to 10pm Thursday through Saturday) make it accessible to a broad range of customers. To ensure a responsible and legal purchasing experience, guests must be 21 or older and present a valid physical government-issued ID to enter the dispensary. In terms of payment, Verona Collective accommodates cash

and debit card transactions, with an ATM available on-site for added convenience.

In addition to providing quality cannabis products, the Oneida Indian Nation is also focused on community involvement and employment opportunities. They have announced a hiring initiative for the dispensary, giving preference to employees of Turning Stone Resort Casino. This move not only supports the local economy but also strengthens the community ties of the Oneida Indian Nation.

The opening of Verona Collective marks a significant milestone in New York's cannabis industry, showcasing the Oneida Indian Nation's commitment to quality, variety, and community engagement. As the state's cannabis market continues to evolve, the Verona Collective sets a high standard for future dispensaries in the region. Customers can look forward to a unique shopping experience, with the promise of new and exciting products in the near future.

## Summer Work with the RRCA Offers Valuable Experience to Students and Recent Graduates

The Raisin Region Conservation Authority (RRCA) is accepting applications for a variety of seasonal and part-time employment opportunities to support its programs and services throughout Cornwall and the surrounding SDG area. The RRCA is currently looking to fill 14 positions to support environmental stewardship and outreach, Conservation Area services, and more.

"Our current employment opportunities are great for students and recent graduates," says Josianne Sabourin, RRCA's Administrative Assistant. "From aiding in environmental stewardship programs and monitoring to administration and customer service, our seasonal staff get to experience various facets of environmental occupations and services, gaining valuable experience they can take with them into future careers."

The RRCA's team of engineers, planners, communicators, biologists, technicians, and field operations staff look forward to welcoming those who join their team in the spring. Thanks to federal, provincial, and other funding, the RRCA can recruit seasonal talent to support the busy field work and Conservation Area seasons.

"If you want to see what it's like to work at a conservation authority, and to improve the local environment, this is your chance!" adds Sabourin.

The RRCA also regularly hosts interns and co-op students throughout the year.

The seasonal employment application deadline is February 2, 2024. Find out more by visiting the RRCA's website at [rrca.on.ca](http://rrca.on.ca) or contact (613) 938-3811 or [info@rrca.on.ca](mailto:info@rrca.on.ca).

**"It's our stuff. We made it and we know best how to use it and care for it. And now we're going to get it back."**

**- John Pretty on Top, Crow**

## Notice of a Project Change



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### Project Contacts:

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

#### Northland Power

Rob Miller, M.Sc, P.Eng.,  
Manager, Solar Operations  
621 Norris Court, Unit #3  
Kingston, Ontario K7P 2R9  
Canada  
Telephone: 613-888-0466  
[robert.miller@Northlandpower.com](mailto:robert.miller@Northlandpower.com)



☐ Glendale

Date	Title	PDF
Feb 15, 2024	Modification Document – Limited Herbicide Application (Revised)	
Dec 13, 2023	Modification Document-Limited Herbicide Application	

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#### Northland Power

Rob Miller, M.Sc, P.Eng., Manager, Solar Operations

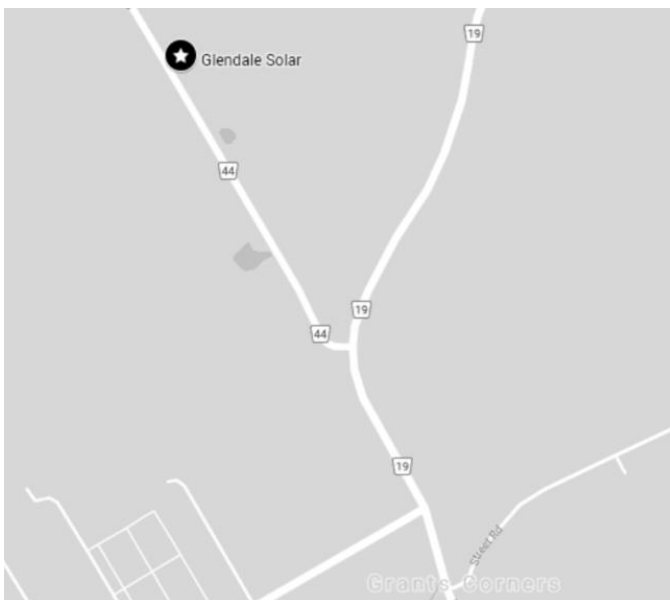
621 Norris Court, Unit #3

Kingston, Ontario K7P 2R9

Canada

Telephone: 613-888-0466

Robert.miller@Northlandpower.com





January 8, 2024

Dear Landowner,

**RE: Notice of Project Change – Northland Power – Glendale Solar Project**

---

Northland Power Solar Power Glendale L.P. has been operating the Glendale Solar Project, located in the Township of South Glengarry since 2014, in accordance with Renewable Energy Approval (REA) No. 1565-8ULQT7.

To date, Northland Power has been managing vegetation on the Project Site only using mechanical methods in an effort to minimize impacts from the project on the natural environment. However, this method has been unsuccessful in preventing the spread of noxious weeds, including Wild Parsnip, which is resulting in a safety hazard for workers at the site as well as operational issues due to weed growth. Therefore, Northland Power is proposing to use chemical herbicides at the project site as a means of controlling these noxious weeds, applied in a limited and targeted manner by licensed technicians. This project change requires an amendment to the solar farm's REA.

This notice is being provided to make you aware that Northland Power is planning to apply to the Ministry of Environment, Conservation and Parks (MECP) for an amendment to the REA to permit the limited and targeted use of herbicides on the Project Site. Northland Power has retained GEI to support in fulfilling the requirements of the REA amendment application process.

A Modifications Report has been prepared to provide more information on the proposed project change, including the required amendments to the supporting documents prepared for the original REA application. The report is available for review on the Project Website: (<https://www.northlandpower.com/ Glendale>). The report outlines the mitigative measures that will be implemented to prevent negative impacts on natural heritage features outside the Project Site during herbicide application.

Please find attached a "Notice of Project Change", which provides detail about the project location and the proposed project change. The notice will also be published in the Seaway News and Indian Time during the weeks of January 8<sup>th</sup> and January 15<sup>th</sup>, 2024.

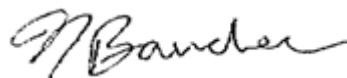
Should you have any questions, comments or concerns about this proposed amendment to the REA, please do not hesitate to contact the undersigned.

Yours truly,  
**GEI Consultants**



---

Pamela Teddy  
Project Manager  
647-383-7268  
[pteddy@geiconsultants.com](mailto:pteddy@geiconsultants.com)



---

Noel Boucher  
Project Director  
289-929-6951  
[nboucher@geiconsultant.com](mailto:nboucher@geiconsultant.com)

Attachment: Notice of Project Change / Amendment: Glendale

cc: Jon Arkell, Northland Power  
Robert Miller, Northland Power

January 8, 2024

Dear Sir or Madam,

**RE: Notice of Project Change – Northland Power – Glendale Solar Project**

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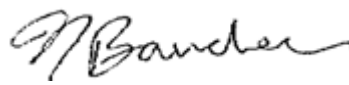
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Yours truly,  
**GEI Consultants**



---

Pamela Teddy  
Project Manager  
647-383-7268  
[pteddy@geiconsultants.com](mailto:pteddy@geiconsultants.com)



---

Noel Boucher  
Project Director  
289-929-6951  
[nboucher@geiconsultant.com](mailto:nboucher@geiconsultant.com)

Attachment: Notice of Project Change / Amendment: Glendale

cc: Jon Arkell, Northland Power  
Robert Miller, Northland Power



January 8, 2024

Chief and Council  
Mohawks of the Bay of Quinte  
Administration Building  
24 Meadow Drive  
Tyendinaga Mohawk Territory  
Deseronto, ON K0K 1X0

Dear Chief and Council

**RE: Notice of Project Change – Northland Power – Glendale Solar Project**

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As part of the REA amendment application process (section 14(b) O. Reg, 359/09) the Ministry of the Environment, Conservation and Parks (MECP) has indicated that Indigenous communities are to be notified of this change. Northland Power, through discussions with MECP, has identified that your community is one of the communities they would like to notify and who may be interested in the potential effects of this change on the environment.

A Modifications Report has been prepared to provide more information on the proposed project change, including the required amendments to the supporting documents prepared for the original REA application. The report is available for review on the Project Website: (<https://www.northlandpower.com/Glendale>). The report outlines the mitigative measures that will be implemented to prevent negative impacts on natural heritage features outside the Project Site during herbicide application. With implementation of appropriate mitigation, no negative effects on natural heritage features adjacent to the Project Site are expected.

Please find attached a "Notice of Project Change", which provides detail about the project location and the proposed project change. The notice will also be published in Indian Time and Seaway News during the weeks of January 8<sup>th</sup> and January 15<sup>th</sup>, 2024.

Northland Power would be happy to provide additional information to you about this proposed change should you have any questions, comments or concerns. Please let us know (in writing) if you would like additional information, or whether you are satisfied with the level of detail provided in the document.

Please send correspondence to:

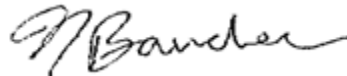
Pamela Teddy B.Sc.  
Ecologist / Project Manager  
GEI Consultants Ltd.  
75 Tiverton Court, Suite 100  
Markham, ON, L3R 4M8  
phone: 647-383-7268  
email: [pteddy@geiconsultants.com](mailto:pteddy@geiconsultants.com)

We thank you for your interest in this Project and look forward to continued collaboration through the next steps of this amendment.

Yours truly,  
**GEI Consultants**



Pamela Teddy  
Project Manager  
647-383-7268  
[pteddy@geiconsultants.com](mailto:pteddy@geiconsultants.com)



Noel Boucher  
Project Director  
289-929-6951  
[nboucher@geiconsultant.com](mailto:nboucher@geiconsultant.com)

Attachment: Notice of Project Change / Amendment: Glendale

cc: Jon Arkell, Northland Power  
Robert Miller, Northland Power





January 8, 2024

Chief and Council  
Mohawks of Akwesasne  
Iroquois of St. Regis  
Akwesasne (Part) 59  
PO Box 579  
Cornwall, ON K9H 5T3

Dear Chief and Council

**RE: Notice of Project Change – Northland Power – Glendale Solar Project**

---

Northland Power Solar Power Glendale L.P. has been operating the Glendale Solar Project, located in the Township of South Glengarry since 2014, in accordance with Renewable Energy Approval (REA) No. 1565-8ULQT7.

To date, Northland Power has been managing vegetation on the Project Site only using mechanical methods in an effort to minimize impacts from the project on the natural environment. However, this method has been unsuccessful in preventing the spread of noxious weeds, including Wild Parsnip, which is resulting in a safety hazard for workers at the site as well as operational issues due to weed growth. Therefore, Northland Power is proposing to use chemical herbicides at the project site as a means of controlling these noxious weeds, applied in a limited and targeted manner by licensed technicians. This project change requires an amendment to the solar farm's REA.

As part of the REA amendment application process (section 14(b) O. Reg, 359/09) the Ministry of the Environment, Conservation and Parks (MECP) has indicated that Indigenous communities are to be notified of this change. Northland Power, through discussions with MECP, has identified that your community is one of the communities they would like to notify and who may be interested in the potential effects of this change on the environment.

A Modifications Report has been prepared to provide more information on the proposed project change, including the required amendments to the supporting documents prepared for the original REA application. The report is available for review on the Project Website: (<https://www.northlandpower.com/Glendale>). The report outlines the mitigative measures that will be implemented to prevent negative impacts on natural heritage features outside the Project Site during herbicide application. With implementation of appropriate mitigation, no negative effects on natural heritage features adjacent to the Project Site are expected.

Please find attached a "Notice of Project Change", which provides detail about the project location and the proposed project change. The notice will also be published in Indian Time and Seaway News during the weeks of January 8<sup>th</sup> and January 15<sup>th</sup>, 2024.

Northland Power would be happy to provide additional information to you about this proposed change should you have any questions, comments or concerns. Please let us know (in writing) if you would like additional information, or whether you are satisfied with the level of detail provided in the document.

Please send correspondence to:

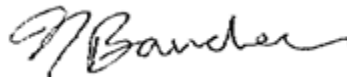
Pamela Teddy B.Sc.  
Ecologist / Project Manager  
GEI Consultants Ltd.  
75 Tiverton Court, Suite 100  
Markham, ON, L3R 4M8  
phone: 647-383-7268  
email: [pteddy@geiconsultants.com](mailto:pteddy@geiconsultants.com)

We thank you for your interest in this Project and look forward to continued collaboration through the next steps of this amendment.

Yours truly,  
**GEI Consultants**



Pamela Teddy  
Project Manager  
647-383-7268  
[pteddy@geiconsultants.com](mailto:pteddy@geiconsultants.com)



Noel Boucher  
Project Director  
289-929-6951  
[nboucher@geiconsultant.com](mailto:nboucher@geiconsultant.com)

Attachment: Notice of Project Change / Amendment: Glendale

cc: Jon Arkell, Northland Power  
Robert Miller, Northland Power



January 8, 2024

Consultation Unit  
Métis Nation of Ontario  
Suite 1100, 11<sup>th</sup> Floor  
66 Slater Street  
Ottawa, ON K1P 5H1

Dear Consultation Unit,

**RE: Notice of Project Change – Northland Power – Glendale Solar Project**

---

Northland Power Solar Power Glendale L.P. has been operating the Glendale Solar Project, located in the Township of South Glengarry since 2014, in accordance with Renewable Energy Approval (REA) No. 1565-8ULQT7.

To date, Northland Power has been managing vegetation on the Project Site only using mechanical methods in an effort to minimize impacts from the project on the natural environment. However, this method has been unsuccessful in preventing the spread of noxious weeds, including Wild Parsnip, which is resulting in a safety hazard for workers at the site as well as operational issues due to weed growth. Therefore, Northland Power is proposing to use chemical herbicides at the project site as a means of controlling these noxious weeds, applied in a limited and targeted manner by licensed technicians. This project change requires an amendment to the solar farm's REA.

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Please send correspondence to:

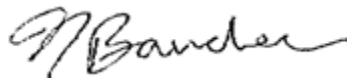
Pamela Teddy B.Sc.  
Ecologist / Project Manager  
GEI Consultants Ltd.  
75 Tiverton Court, Suite 100  
Markham, ON, L3R 4M8  
phone: 647-383-7268  
email: [pteddy@geiconsultants.com](mailto:pteddy@geiconsultants.com)

We thank you for your interest in this Project and look forward to continued collaboration through the next steps of this amendment.

Yours truly,  
**GEI Consultants**



Pamela Teddy  
Project Manager  
647-383-7268  
[pteddy@geiconsultants.com](mailto:pteddy@geiconsultants.com)



Noel Boucher  
Project Director  
289-929-6951  
[nboucher@geiconsultant.com](mailto:nboucher@geiconsultant.com)

Attachment: Notice of Project Change / Amendment: Glendale

cc: Jon Arkell, Northland Power  
Robert Miller, Northland Power



January 8, 2024

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

Dear President,

**RE: Notice of Project Change – Northland Power – Glendale Solar Project**

---

Northland Power Solar Power Glendale L.P. has been operating the Glendale Solar Project, located in the Township of South Glengarry since 2014, in accordance with Renewable Energy Approval (REA) No. 1565-8ULQT7.

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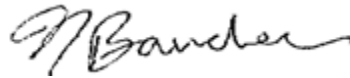
Pamela Teddy B.Sc.  
Ecologist / Project Manager  
GEI Consultants Ltd.  
75 Tiverton Court, Suite 100  
Markham, ON, L3R 4M8  
phone: 647-383-7268  
email: [pteddy@geiconsultants.com](mailto:pteddy@geiconsultants.com)

We thank you for your interest in this Project and look forward to continued collaboration through the next steps of this amendment.

Yours truly,  
**GEI Consultants**



Pamela Teddy  
Project Manager  
647-383-7268  
[pteddy@geiconsultants.com](mailto:pteddy@geiconsultants.com)



Noel Boucher  
Project Director  
289-929-6951  
[nboucher@geiconsultant.com](mailto:nboucher@geiconsultant.com)

Attachment: Notice of Project Change / Amendment: Glendale

cc: Jon Arkell, Northland Power  
Robert Miller, Northland Power

## Teddy, Pamela

---

**From:** Teddy, Pamela  
**Sent:** Friday, January 12, 2024 1:02 PM  
**To:** environment@mbq-tmt.org  
**Cc:** Boucher, Noel; Jon Arkell; Robert Miller  
**Subject:** Notice of Project Change - Glendale Solar Project (Northland Power)  
**Attachments:** Mohawks of the Bay of Quinte - notification letter.pdf; Glendale - Notice of a Project Change.pdf

Good Afternoon Meghan,

Please find attached a notice for project change associated with the Glendale Solar project. We've sent courier mail earlier this week – though I am not sure it has come through yet.

Please note there is a typo in the contact information for the notice published in the Indian Time this week and it should be rectified for the next issue, additionally there has been a change to the client's website. The attached files contain the amended contact and website.

I would be happy to discuss this change with you if you have any questions comments or concerns, please don't hesitate to contact myself or Robert Miller (copied).

Sincerely,

Pam

**GEI**

PAMELA TEDDY , B.Sc., PGER, ISA ON-2580A  
Ecologist / Project Manager  
647.383.7268  
75 Tiverton Court | Unit 100  
Markham, ON L3R 4M8



## Teddy, Pamela

---

**From:** Teddy, Pamela  
**Sent:** Friday, January 12, 2024 12:53 PM  
**To:** info@akwesasne.ca  
**Cc:** Boucher, Noel; Jon Arkell; Robert Miller  
**Subject:** Notice of Project Change - Glendale Solar Project (Northland Power)  
**Attachments:** Mohawks of Akwesasne - notification letter.pdf; Glendale - Notice of a Project Change.pdf

Good Afternoon,

Please find attached a notice for project change associated with the Glendale Solar project. We've sent courier mail earlier this week – though I am not sure it has come through yet.

Please note there is a typo in the contact information for the notice published in the Indian Time this week and it should be rectified for the next issue, additionally there has been a change to the client's website. The attached files contain the amended contact and website.

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Sincerely,

Pam

**GEI**

PAMELA TEDDY , B.Sc., PGER, ISA ON-2580A  
Ecologist / Project Manager  
647.383.7268  
75 Tiverton Court | Unit 100  
Markham, ON L3R 4M8





## Teddy, Pamela

---

**From:** Teddy, Pamela  
**Sent:** Friday, January 12, 2024 1:07 PM  
**To:** contactus@metisnation.org  
**Cc:** Boucher, Noel; Jon Arkell; Robert Miller  
**Subject:** Notice of Project Change - Glendale Solar Project (Northland Power)  
**Attachments:** Metis Nation of Ontario - notification letter.pdf; Glendale - Notice of a Project Change.pdf

Good Afternoon,

Please find attached a notice for project change associated with the Glendale Solar project. We've sent courier mail earlier this week – though I am not sure it has come through yet.

Please note there is a typo in the contact information for the notice published in the Indian Time this week and it should be rectified for the next issue, additionally there has been a change to the client's website. The attached files contain the amended contact and website.

I would be happy to discuss this change with you if you have any questions comments or concerns, please don't hesitate to contact myself or Robert Miller (copied).

Sincerely,

Pam

**GEI**

PAMELA TEDDY , B.Sc., PGER, ISA ON-2580A  
Ecologist / Project Manager  
647.383.7268  
75 Tiverton Court | Unit 100  
Markham, ON L3R 4M8



## Teddy, Pamela

---

**From:** Teddy, Pamela  
**Sent:** Friday, January 12, 2024 1:10 PM  
**To:** president.ormc@gmail.com  
**Cc:** Boucher, Noel; Jon Arkell; Robert Miller  
**Subject:** Notice of Project Change - Glendale Solar Project (Northland Power)  
**Attachments:** Ottawa Regional Metis Council - notification letter.pdf; Glendale - Notice of a Project Change.pdf

Good Afternoon,

Please find attached a notice for project change associated with the Glendale Solar project. We've sent courier mail earlier this week – though I am not sure it has come through yet.

Please note there is a typo in the contact information for the notice published in the Indian Time this week and it should be rectified for the next issue, additionally there has been a change to the client's website. The attached files contain the amended contact and website.

I would be happy to discuss this change with you if you have any questions comments or concerns, please don't hesitate to contact myself or Robert Miller (copied).

Sincerely,

Pam

**GEI**

PAMELA TEDDY , B.Sc., PGER, ISA ON-2580A  
Ecologist / Project Manager  
647.383.7268  
75 Tiverton Court | Unit 100  
Markham, ON L3R 4M8



## **Appendix D**

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### **Ministry of Natural Resources and Forests (MNR) Communications**



## Teddy, Pamela

---

**From:** Dennis, Jeffrey (He/Him) (MNRF) <Jeffrey.Dennis@ontario.ca>  
**Sent:** Tuesday, July 25, 2023 10:44 AM  
**To:** Teddy, Pamela  
**Cc:** Boucher, Noel; Solomon, Lisa (She/Her) (MNRF)  
**Subject:** [EXT] RE: Renewable Energy Approval No. 1565-8ULQT7 - Request to meet for Classification Amendment

**EXTERNAL EMAIL**

---

Good morning Pamela,

Please set something up for Thursday this week. If you are free in the morning that would be preferable.

Thank you!

**Jeffrey Dennis** (he/him)  
Resource Development Planning Coordinator | Southern Region

---

**From:** Teddy, Pamela <PTeddy@geiconsultants.com>  
**Sent:** July 25, 2023 9:51 AM  
**To:** Dennis, Jeffrey (He/Him) (MNRF) <Jeffrey.Dennis@ontario.ca>  
**Cc:** Boucher, Noel <nboucher@geiconsultants.com>  
**Subject:** RE: Renewable Energy Approval No. 1565-8ULQT7 - Request to meet for Classification Amendment

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Good morning Jeffrey,

Do you have a few time options where you and your planning ecologist will be able to meet with us this week?  
I'd like to be able to hold the time to ensure everyone's availability.

Thank you,

Pam

**GEI**

PAMELA TEDDY , [B.Sc.](#), PGER, ISA ON-2580A  
Ecologist / Project Manager  
647.383.7268  
75 Tiverton Court | Unit 100  
Markham, ON L3R 4M8



---

**From:** Dennis, Jeffrey (He/Him) (MNRF) <[Jeffrey.Dennis@ontario.ca](mailto:Jeffrey.Dennis@ontario.ca)>  
**Sent:** Friday, July 21, 2023 8:54 AM  
**To:** Teddy, Pamela <[PTeddy@geiconsultants.com](mailto:PTeddy@geiconsultants.com)>

Cc: Boucher, Noel <[nboucher@geiconsultants.com](mailto:nboucher@geiconsultants.com)>

Subject: [EXT] RE: Renewable Energy Approval No. 1565-8ULQT7 - Request to meet for Classification Amendment

**EXTERNAL EMAIL**

Good morning Pamela,

My apologies as I initially read your requested times as being proposed for next week. Our resident Planning Ecologist has been away over the last week and I have reached out in order to facilitate a discussion for either this afternoon or next week. Thank you for following up!

Best Regards,

**Jeffrey Dennis** (he/him)

Resource Development Planning Coordinator | Southern Region

**From:** Teddy, Pamela <[PTeddy@geiconsultants.com](mailto:PTeddy@geiconsultants.com)>

**Sent:** July 17, 2023 3:43 PM

**To:** Dennis, Jeffrey (He/Him) (MNRF) <[Jeffrey.Dennis@ontario.ca](mailto:Jeffrey.Dennis@ontario.ca)>

**Cc:** Boucher, Noel <[nboucher@geiconsultants.com](mailto:nboucher@geiconsultants.com)>

**Subject:** RE: Renewable Energy Approval No. 1565-8ULQT7 - Request to meet for Classification Amendment

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Good Afternoon Jeffrey,

We're hoping to set up a call with you introduce this project and proposed amendment to Northland Power's REA No. 1565-8ULQT7 for the Glendale Solar Project.

Noel and I would like to discuss with you items that might be required by the MNRF for the review of this amendment. We're available the following dates and times this week:

Tuesday – 1-2:30 & 3:30-5

Wednesday – 9-noon

Thursday – 9-10, 10-noon and 1-5pm

Friday – 1-4:30

Please let us know which time will work best for you and I will set up the call.

Thank you,

Pam

**GEI**

PAMELA TEDDY , [B.Sc.](#), PGER, ISA ON-2580A

Ecologist / Project Manager

647.383.7268

75 Tiverton Court | Unit 100

Markham, ON L3R 4M8





---

**From:** Teddy, Pamela  
**Sent:** Thursday, June 29, 2023 12:40 PM  
**To:** [jeffrey.dennis@ontario.ca](mailto:jeffrey.dennis@ontario.ca)  
**Cc:** Boucher, Noel <[nboucher@geiconsultants.com](mailto:nboucher@geiconsultants.com)>  
**Subject:** Renewable Energy Approval No. 1565-8ULQT7 - Request to meet for Classification Amendment

Good Afternoon Jeffrey,

GEI is working with Northland Power to propose an amendment to their REA No. 1565-8ULQT7 for the Glendale Solar Project. Specifically, the proposed change involves the limited and targeted use of herbicides to control vegetation at the solar facility. We understand from discussions with MECP, that we'll need to discuss natural heritage components with MNRF and obtain re-confirmation.

We'd like to meet with you to briefly introduce the project, proposed change and hear your suggestions for pieces that will be required by the MNRF for their review of this amendment (i.e., REA Modification Document). Would you be available next week to meet with GEI to discuss this in more detail?

Thank you,

Pam and Noel

**GEI**

PAMELA TEDDY , [B.Sc.](#), PGER, ISA ON-2580A  
Ecologist / Project Manager  
647.383.7268  
75 Tiverton Court | Unit 100  
Markham, ON L3R 4M8



## Teddy, Pamela

---

**From:** Solomon, Lisa (She/Her) (MNRF) <lisa.solomon@ontario.ca>  
**Sent:** Thursday, July 27, 2023 10:16 AM  
**To:** Boucher, Noel; Teddy, Pamela  
**Cc:** Thompson, Melinda (MNRF)  
**Subject:** [EXT] RE: Renewable Energy Approval No. 1565-8ULQT7

**EXTERNAL EMAIL**

---

Thanks Noel.

---

**From:** Boucher, Noel <nboucher@geiconsultants.com>  
**Sent:** July 27, 2023 10:04 AM  
**To:** Teddy, Pamela <PTeddy@geiconsultants.com>; Solomon, Lisa (She/Her) (MNRF) <lisa.solomon@ontario.ca>  
**Cc:** Thompson, Melinda (MNRF) <Melinda.Thompson@ontario.ca>  
**Subject:** RE: Renewable Energy Approval No. 1565-8ULQT7

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Hi Lisa,

Further to Pam's email below, I just wanted to reiterate that our intent for our call today is to introduce MNRF to the proposed project change at the Glendale Solar Farm in the Township of South Glengarry (which is the limited and targeted use of herbicides at the facility) and ensure we understand what MNRF will require in order to review with respect to the Natural Heritage Assessment as part of the overall REA amendment application. We haven't sent anything for review yet, but will do so after we understand MNRF's requirements.

I have attached the original 2011 Natural Heritage EIS and MNRF confirmation letter in case that is helpful in advance of our discussion.

Thanks very much,  
Noel

**GEI**

NOEL BOUCHER  
Senior Fisheries Biologist  
289.929.6951  
75 Tiverton Court | Unit 100  
Markham, ON L3R 4M8

---

**From:** Teddy, Pamela <PTeddy@geiconsultants.com>  
**Sent:** Thursday, July 27, 2023 9:57 AM  
**To:** Solomon, Lisa (She/Her) (MNRF) <lisa.solomon@ontario.ca>  
**Cc:** Thompson, Melinda (MNRF) <Melinda.Thompson@ontario.ca>; Boucher, Noel <nboucher@geiconsultants.com>  
**Subject:** Re: Renewable Energy Approval No. 1565-8ULQT7

Hi Lisa,

I'm looking forward to meeting with you later this morning.

I haven't sent any files through yet. Noel and I were looking for a preliminary discussion with MNRF, though I have copied him on this email - he has better access to the files than I do today.

If Melinda is available to join our call we would be happy to have her participate as well. Please let me know if you will share the invitation with her or if we should send that to her.

Thank you,

Pam

Get [Outlook for Android](#)

---

**From:** Solomon, Lisa (She/Her) (MNRF) <[lisa.solomon@ontario.ca](mailto:lisa.solomon@ontario.ca)>

**Sent:** Thursday, July 27, 2023 9:30:41 a.m.

**To:** Teddy, Pamela <[PTeddy@geiconsultants.com](mailto:PTeddy@geiconsultants.com)>

**Cc:** Thompson, Melinda (MNRF) <[Melinda.Thompson@ontario.ca](mailto:Melinda.Thompson@ontario.ca)>

**Subject:** [EXT] RE: Renewable Energy Approval No. 1565-8ULQT7

**EXTERNAL EMAIL**

---

Hello Pamela,

I haven't received any documents from you or from Kendrick Doll at MECP, although I do seem to be having trouble receiving your emails – Jeff forwarded the meeting invite to me because it hadn't come through.

I thought I'd also take this opportunity to introduce you to Melinda Thompson, Regional Planning Ecologist. She will be taking over my files as of August 7<sup>th</sup>.

Lisa

-----Original Appointment-----

**From:** Teddy, Pamela <[PTeddy@geiconsultants.com](mailto:PTeddy@geiconsultants.com)>

**Sent:** July 26, 2023 8:18 AM

**To:** Teddy, Pamela; Solomon, Lisa (She/Her) (MNRF); Dennis, Jeffrey (He/Him) (MNRF); Boucher, Noel

**Subject:** Renewable Energy Approval No. 1565-8ULQT7

**When:** July 27, 2023 11:00 AM-11:30 AM (UTC-05:00) Indiana (East).

**Where:** Microsoft Teams Meeting

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

-----Original Appointment-----

**From:** Teddy, Pamela <[PTeddy@geiconsultants.com](mailto:PTeddy@geiconsultants.com)>

**Sent:** July 26, 2023 8:18 AM

**To:** Teddy, Pamela; Dennis, Jeffrey (He/Him) (MNRF); Solomon, Lisa (She/Her) (MNRF); Boucher, Noel  
**Subject:** Renewable Energy Approval No. 1565-8ULQT7  
**When:** July 27, 2023 11:00 AM-11:30 AM (UTC-05:00) Indiana (East).  
**Where:** Microsoft Teams Meeting

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Good Morning Jeff and Lisa,

We're looking forward to meeting with you to discuss an amendment to the Glendale Solar Project.

Thank you,

Pam

---

## Microsoft Teams meeting

**Join on your computer, mobile app or room device**

[Click here to join the meeting](#)

Meeting ID: 229 695 870 260

Passcode: v5YM9a

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## Teddy, Pamela

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**From:** Thompson, Melinda (MNRF) <Melinda.Thompson@ontario.ca>  
**Sent:** Friday, August 18, 2023 9:54 AM  
**To:** Boucher, Noel  
**Cc:** Jon Arkell; Robert Miller; Cory Sauve; Bryan Hibbs; Teddy, Pamela  
**Subject:** [EXT] RE: Glendale Solar Facility - Proposed Amendment to REA No. 1565-8ULQT7

**EXTERNAL EMAIL**

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Hello Noel,

Based on the information you have provided, we agree with your assessment that the proposed change to the Glendale Solar project involving the application of herbicides to control vegetation (including but not limited to Wild Parsnip) at the site will result in no changes to natural features affected by the project.

Upon review of the modifications, MNRF is satisfied that the Natural Heritage Assessment requirements of Ontario Regulation 359/09 have been met.

Thank you,

Melinda

MELINDA J. THOMPSON, B.A. Hon, [M.Sc.](#) ❀ ❀ ❀ ❀ ❀ ❀  
REGIONAL PLANNING ECOLOGIST | ONTARIO MINISTRY of NATURAL RESOURCES AND FORESTRY  
1 Stone Road West, Guelph, Ontario, N1G 4Y2 | ☎ 519-546-8273 | 📧 [melinda.thompson@ontario.ca](mailto:melinda.thompson@ontario.ca)



As part of providing accessible customer service, please let me know if you have any accommodation needs or require communication supports or alternate formats.

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**From:** Boucher, Noel <nboucher@geiconsultants.com>  
**Sent:** August 15, 2023 3:23 PM  
**To:** Thompson, Melinda (MNRF) <Melinda.Thompson@ontario.ca>  
**Cc:** Jon Arkell <Jon.Arkell@Northlandpower.com>; Robert Miller <robert.miller@northlandpower.com>; Cory Sauve <Cory.Sauve@Northlandpower.com>; Bryan Hibbs <Bryan.Hibbs@Northlandpower.com>; Teddy, Pamela <PTeddy@geiconsultants.com>  
**Subject:** RE: Glendale Solar Facility - Proposed Amendment to REA No. 1565-8ULQT7

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Good Afternoon Melinda,

Thank you for your review of the Modifications Document for REA No. 1565-8ULQT7.



We're pleased that the MNRF is supportive of the amendment to allow for application of herbicide at this site and wanted to ensure clarity on the verbiage of the amendment.

While Wild Parsnip is one of the more prevalent herbaceous species on this property, as noted in the Modifications Document, Northland is looking to apply herbicides in a limited and targeted manner to control vegetation, including not just Wild Parsnip but also other noxious weed species and nuisance vegetation where mechanical removal is not practical.

Could you please confirm that MNRF is supportive of this generalized limited and targeted use of herbicides at the Project Location (i.e., not just for Wild Parsnip)?

Thank you,  
Noel

GEI

NOEL BOUCHER  
Senior Fisheries Biologist  
289.929.6951  
75 Tiverton Court | Unit 100  
Markham, ON L3R 4M8

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**From:** Thompson, Melinda (MNRF) <Melinda.Thompson@ontario.ca>  
**Sent:** Tuesday, August 15, 2023 8:59 AM  
**To:** Boucher, Noel <nboucher@geiconsultants.com>  
**Cc:** Jon Arkell <Jon.Arkell@Northlandpower.com>; Robert Miller <robert.miller@northlandpower.com>; Cory Sauve <Cory.Sauve@Northlandpower.com>; Bryan Hibbs <Bryan.Hibbs@Northlandpower.com>; Teddy, Pamela <PTeddy@geiconsultants.com>  
**Subject:** [EXT] RE: Glendale Solar Facility - Proposed Amendment to REA No. 1565-8ULQT7

EXTERNAL EMAIL

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Hello Noel,

I have reviewed your proposal and we are supportive of the amendment to allow for the application of herbicides for the removal of Wild Parsnip. Please ensure that you obtain the correct authorizations as per the Pesticides Act once the amendment is processed. Please let me know if you have any additional requests or require more information.

Melinda

MELINDA J. THOMPSON, B.A. Hon, [M.Sc.](#) ❀ ❀ ❀ ❀ ❀ ❀  
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As part of providing accessible customer service, please let me know if you have any accommodation needs or require communication supports or alternate formats.

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**From:** Boucher, Noel <[nboucher@geiconsultants.com](mailto:nboucher@geiconsultants.com)>

**Sent:** July 28, 2023 9:40 AM

**To:** Solomon, Lisa (She/Her) (MNRF) <[lisa.solomon@ontario.ca](mailto:lisa.solomon@ontario.ca)>; Thompson, Melinda (MNRF) <[Melinda.Thompson@ontario.ca](mailto:Melinda.Thompson@ontario.ca)>

**Cc:** Jon Arkell <[Jon.Arkell@Northlandpower.com](mailto:Jon.Arkell@Northlandpower.com)>; Robert Miller <[robert.miller@northlandpower.com](mailto:robert.miller@northlandpower.com)>; Cory Sauve <[Cory.Sauve@Northlandpower.com](mailto:Cory.Sauve@Northlandpower.com)>; Bryan Hibbs <[Bryan.Hibbs@Northlandpower.com](mailto:Bryan.Hibbs@Northlandpower.com)>; Teddy, Pamela <[PTeddy@geiconsultants.com](mailto:PTeddy@geiconsultants.com)>

**Subject:** Glendale Solar Facility - Proposed Amendment to REA No. 1565-8ULQT7

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Hello Lisa and Melinda,

Thank you again for meeting with GEI yesterday to briefly discuss the proposed amendment to REA No. 1565-8ULQT7 for the Glendale Solar Project.

As mentioned during the call, this project is a 10MW solar facility located in South Glengarry near Cornwall, Ontario that has been in operation since 2014.

Northland Power has been maintaining this site's vegetation through mechanical methods, though there has been a proliferation of wild parsnip which has been noted both within the project boundaries and the adjacent municipal right of way. Wild parsnip is a noxious weed that presents a health and safety hazard to workers and wildlife. It is our understanding that municipality is using chemical herbicides to manage noxious weeds in the surrounding area. Therefore, Northland is applying for a REA amendment to permit the limited and targeted use of herbicide to manage vegetation on the project site.

Please find attached the modification document that highlights the revisions to the previous studies to incorporate the use of herbicides. Specifically, this identifies revisions to the following supporting documents:

- Design and Operations Report;
- Natural Heritage Environmental Impact Study;
- Project Description Report; and,
- Waterbodies Environmental Impact Study.

The other supporting documents were determined to not require any revisions to address the proposed change. All of the original supporting documents prepared for the initial REA application can be found here:

<https://www.northlandpower.com/en/assets-and-infrastructure/document-listing.aspx#Glendale>

We look forward to your feedback on the natural heritage aspects of the proposed amendment for REA No. 1565-8ULQT7. Assuming the MNRF is satisfied with the proposed amendment and Modifications Document and are able to provide natural heritage reconfirmation, we'll be reaching back out to MECP to initiate the next steps in the amendment application process.

Thank you,  
Noel and Pam

**GEI**

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