

February 19, 2013

**Subject: Cochrane Solar Project - Natural Heritage and Water Body Assessments
and Environmental Impact Study Reports**

Northland Power Solar Abitibi L.P., Northland Power Solar Empire L.P., and Northland Power Solar Martin's Meadows L.P. (hereinafter collectively referred to as "Northland") are proposing to develop a 30-megawatt (MW) AC solar photovoltaic project titled the "Cochrane Solar Project" (hereinafter referred to as the "Project"). The Project will be developed on three separate properties (Abitibi, Empire and Martin's Meadows), each with a maximum nameplate capacity of 10-MW AC, and each with a separate OPA FIT contract.

A 21-km long 115-kV transmission line and associated infrastructure is proposed to connect the Project to an existing 115-kV Hydro One Networks Inc. (HONI) transmission line (circuit C2H) north of Hunta, ON, at the intersection of Highway 668 and Concession 8/9.

The Project was formerly submitted to the MOE as three, individual 10-MW projects known as the Abitibi Solar Project, the Empire Solar Project and the Martin's Meadows Solar Project. As the three developments are in close proximity to one another and connect to a common transmission line, they are being integrated as (1) one Project as per Section 4(3) of Ontario Regulation 359/09 ("the Regulation").

The Abitibi and the Martin's Meadows properties are located on Glackmeyer Concession Road 8/9, in the Town of Cochrane. The Empire property is located on Glackmeyer Concession Road 6/7, in the Town of Cochrane. The 115-kV transmission line will be located primarily along public opened and unopened road allowances associated with Concession 8/9 from the locations of the three solar development properties in the Town of Cochrane, through the Unorganized Township of Clute, to the connection point located north of Hunta, ON in the Unorganized Township of Calder. Some private land outside of the road allowances will be used for the transmission line, primarily associated with the placement of the line around the southern end of Lower Deception Lake, as well as for the associated infrastructure (such as transition structures and switching station).

With respect to the following requirements of the Regulation:

- Natural Heritage Assessment (required under Sections 24, 25, 26, and 27 of the Regulation),
- Natural Heritage Environmental Impact Study (required under Section 38 of the Regulation),
- Water Body Assessment (required under Sections 29, 30 and 31 of the Regulation), and
- Water Body Environmental Impact Study (required under Section 39 of the Regulation),

as a result of the previous preparation of Project documents for each individual property, these reports have not been combined into a single document. Rather, the previous reports remain active, and a key map (attached) is provided to show in which reports the relevant components of the Project are addressed. Though not shown in the key map (in order to show the Abitibi, Empire and Martin's



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Meadows properties in sufficient detail), all components of the transmission line and associated infrastructure are addressed within each of the Project reports.

If you have any questions about this letter or the associated reports, please do not hesitate to contact the undersigned at 905-374-0701, Ext. 5280, or smale@hatch.ca.

Sincerely,



Sean K. Male, M.Sc.
Environmental Coordinator

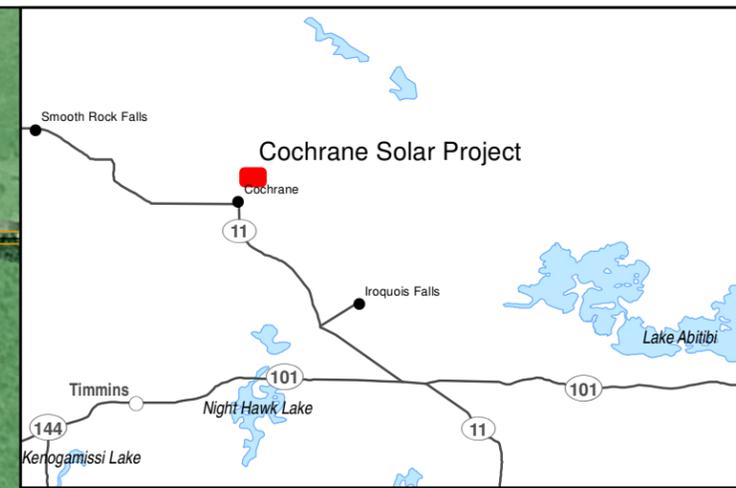
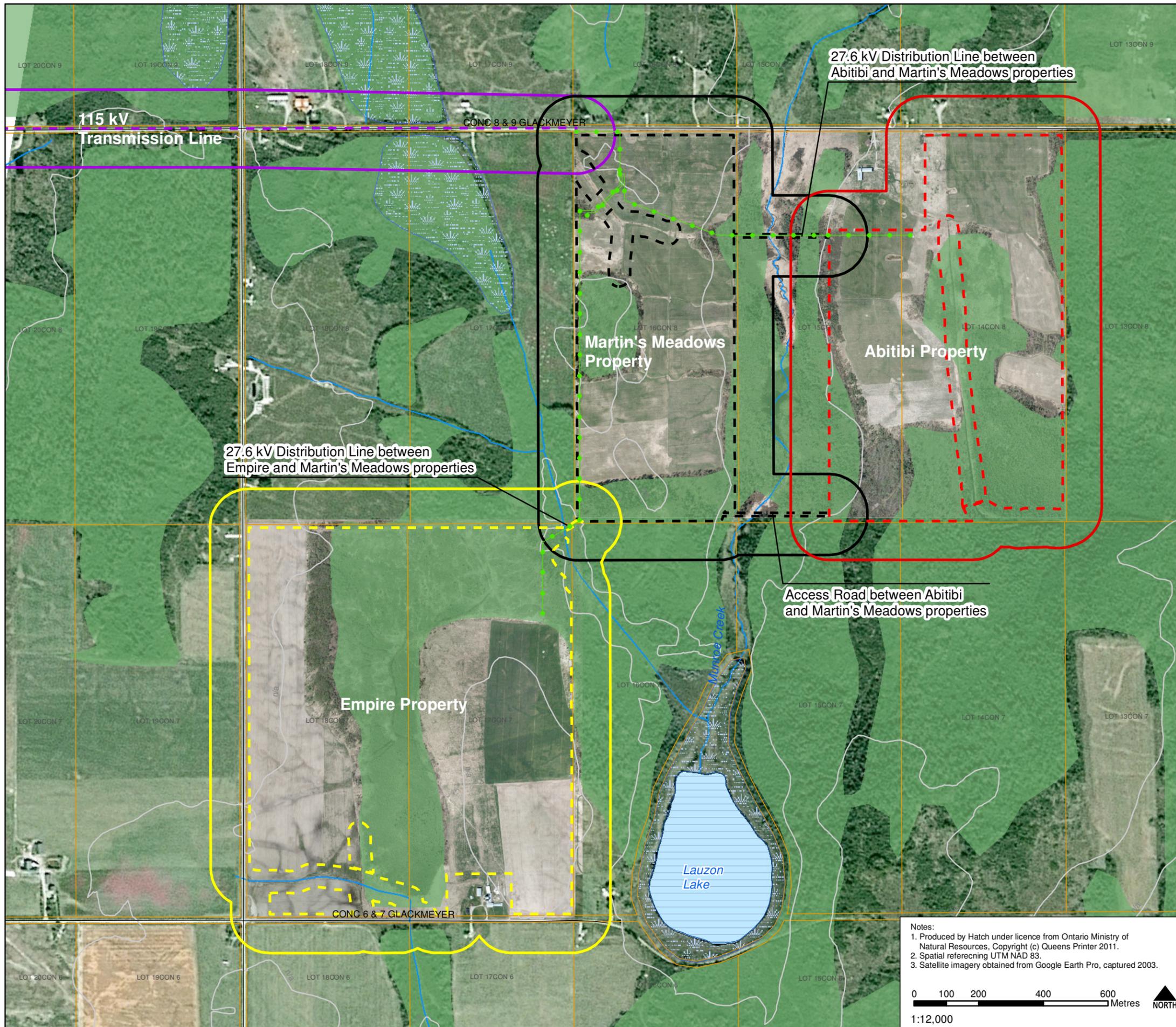
Attachment

Natural Heritage and Waterbodies Key Map



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Legend

- Railway
- Road
- Topographic Contour (5m interval)
- Watercourse
- Lot
- Waterbody
- Wetland Area
- Wild Rice Stand
- Wooded Area

Project Components

- Internal 27.6 kV Distribution Line (within project properties)

Addressed within all reports

- 115 kV Transmission Line
- 120m from 115 kV Transmission Line

Addressed within Abitibi Solar Project Reports

- Abitibi Property
- 120m from Abitibi Property

Addressed within Empire Solar Project Reports

- Empire Property
- 120m from Empire Property

Addressed within Martin's Meadows Solar Project Reports

- Martin's Meadows Property
- 120m from Martin's Meadows Property

Notes:
 1. Produced by Hatch under licence from Ontario Ministry of Natural Resources, Copyright (c) Queens Printer 2011.
 2. Spatial referencing UTM NAD 83.
 3. Satellite imagery obtained from Google Earth Pro, captured 2003.

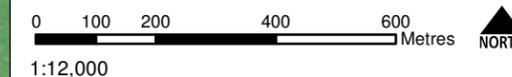


Figure 1
 Northland Power Inc.
 Cochrane Solar Project
 Natural Heritage and
 Waterbodies Key Map

