

CITY OF KINGSTON SOLAR PROJECTS

LRP Site Considerations Review

DistinctLight LP, MistLight LP, ClassicLight Solar Park LP

Document No.: 800812-CAMO-T-01-B / Final

Date: 25 August 2015



IMPORTANT NOTICE AND DISCLAIMER

1. This document is intended for the sole use of the Customer as detailed on the front page of this document to whom the document is addressed and who has entered into a written agreement with the DNV GL entity issuing this document ("DNV GL"). To the extent permitted by law, neither DNV GL nor any group company (the "Group") assumes any responsibility whether in contract, tort including without limitation negligence, or otherwise howsoever, to third parties (being persons other than the Customer), and no company in the Group other than DNV GL shall be liable for any loss or damage whatsoever suffered by virtue of any act, omission or default (whether arising by negligence or otherwise) by DNV GL, the Group or any of its or their servants, subcontractors or agents. This document must be read in its entirety and is subject to any assumptions and qualifications expressed therein as well as in any other relevant communications in connection with it. This document may contain detailed technical data which is intended for use only by persons possessing requisite expertise in its subject matter.
2. This document is protected by copyright and may only be reproduced and circulated in accordance with the Document Classification and associated conditions stipulated or referred to in this document and/or in DNV GL's written agreement with the Customer. No part of this document may be disclosed in any public offering memorandum, prospectus or stock exchange listing, circular or announcement without the express and prior written consent of DNV GL. A Document Classification permitting the Customer to redistribute this document shall not thereby imply that DNV GL has any liability to any recipient other than the Customer.
3. This document has been produced from information relating to dates and periods referred to in this document. This document does not imply that any information is not subject to change. Except and to the extent that checking or verification of information or data is expressly agreed within the written scope of its services, DNV GL shall not be responsible in any way in connection with erroneous information or data provided to it by the Customer or any third party, or for the effects of any such erroneous information or data whether or not contained or referred to in this document.
4. Any wind or energy forecasts estimates or predictions are subject to factors not all of which are within the scope of the probability and uncertainties contained or referred to in this document and nothing in this document guarantees any particular wind speed or energy output.

KEY TO DOCUMENT CLASSIFICATION

Strictly Confidential	:	For disclosure only to named individuals within the Customer's organization.
Private and Confidential	:	For disclosure only to individuals directly concerned with the subject matter of the document within the Customer's organization.
Commercial in Confidence	:	Not to be disclosed outside the Customer's organization.
DNV GL only	:	Not to be disclosed to non-DNV GL staff
Customer's Discretion	:	Distribution for information only at the discretion of the Customer (subject to the above Important Notice and Disclaimer and the terms of DNV GL's written agreement with the Customer).
Published	:	Available for information only to the general public (subject to the above Important Notice and Disclaimer).

Project name: City of Kingston Solar Projects DNV GL - Energy
Report title: LRP Site Considerations Review GL Garrad Hassan Canada Inc.
Customer: DistinctLight LP, MistLight LP, ClassicLight Solar
Park LP
100 King Street West 30th Floor,
Toronto, ON M5X 1C9 Canada
Renewables Advisory
4100 Molson – Suite 100
Montreal H1Y 3N1, Canada
Tel +1 514-272-2175
Enterprise No.: 860480037
Contact person: Charmaine Thompson, Kshitij Kaushik, Khuram
Shahzad
Date of issue: 25 August 2015
Project No.: 800812
Document No.: 800812-CAMO-T-01-B
Issue: B
Status: Final

Task and objective:

Prepared by:

Verified by:

Approved by:

Nataniel Therrien
GIS Analyst

Arlene Whitmore
Project Manager

Francis Langelier
GIS Team Leader

Caroline Donohue
GIS Analyst

-
- ☐ Strictly Confidential
☐ Private and Confidential
☐ Commercial in Confidence
☐ DNV GL only
☒ Customer's Discretion
☐ Published

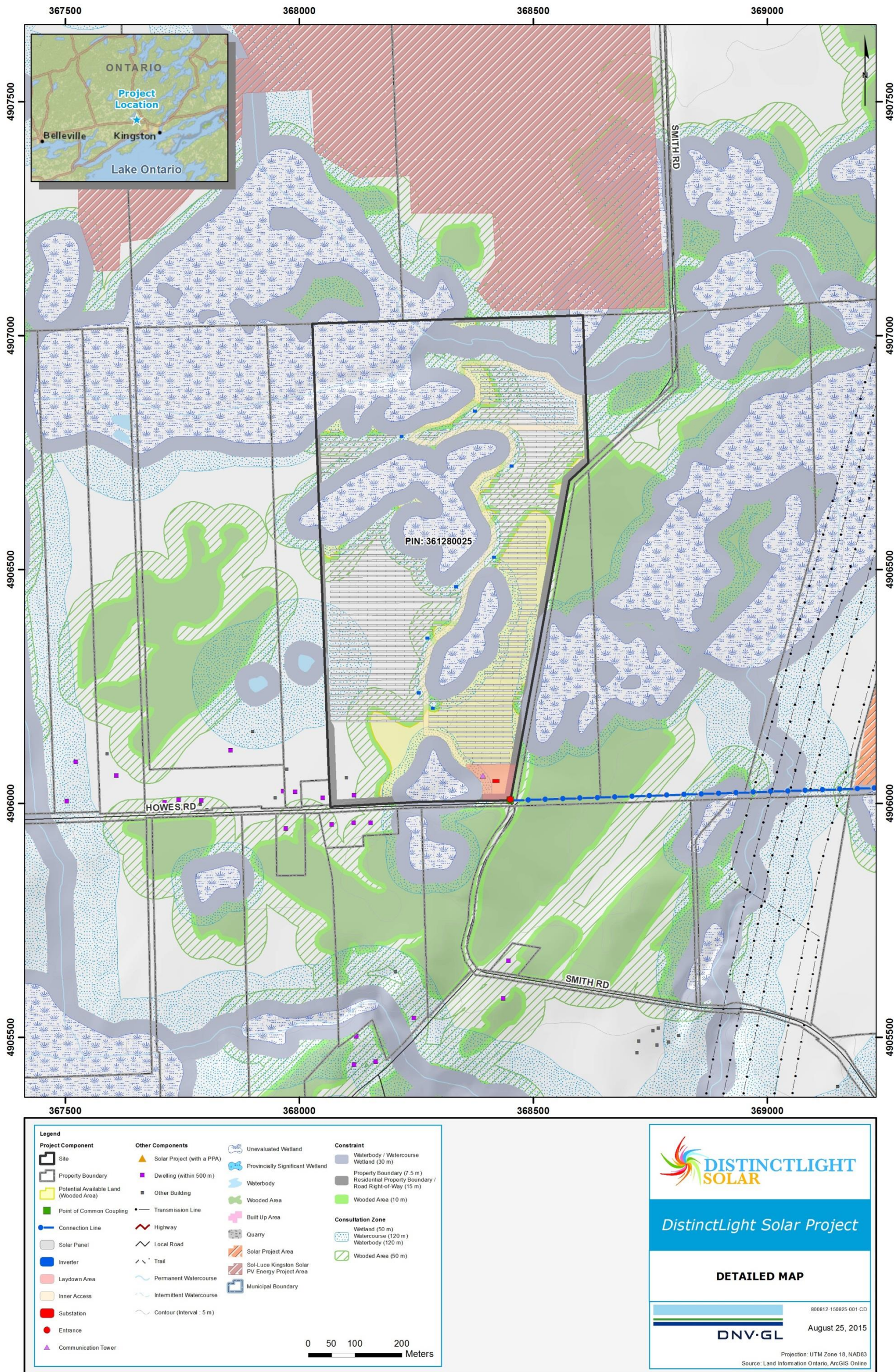
Keywords:
LRP, Solar, Ontario, Site Considerations

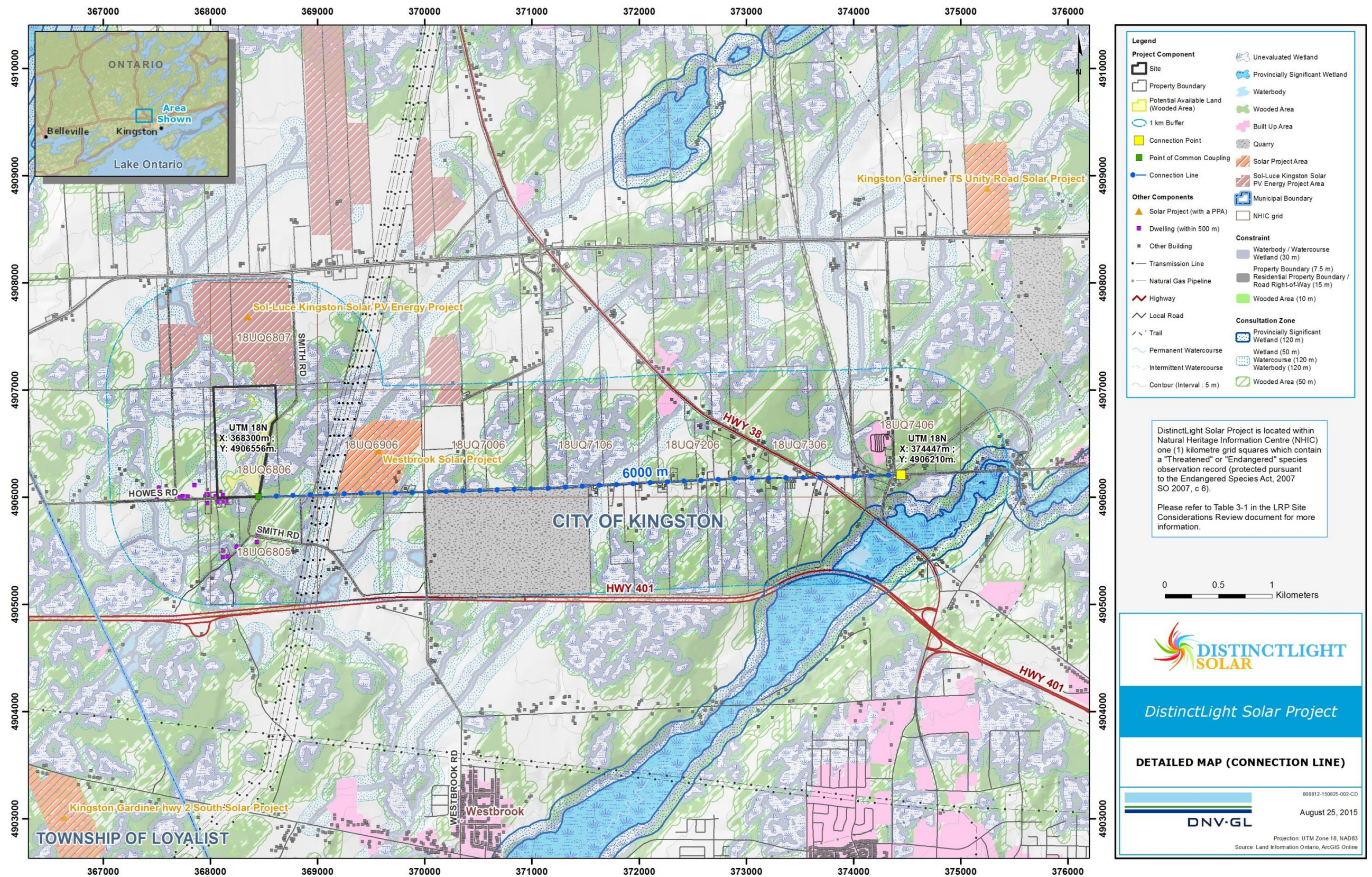
© GL Garrad Hassan Canada Inc.. All rights reserved.

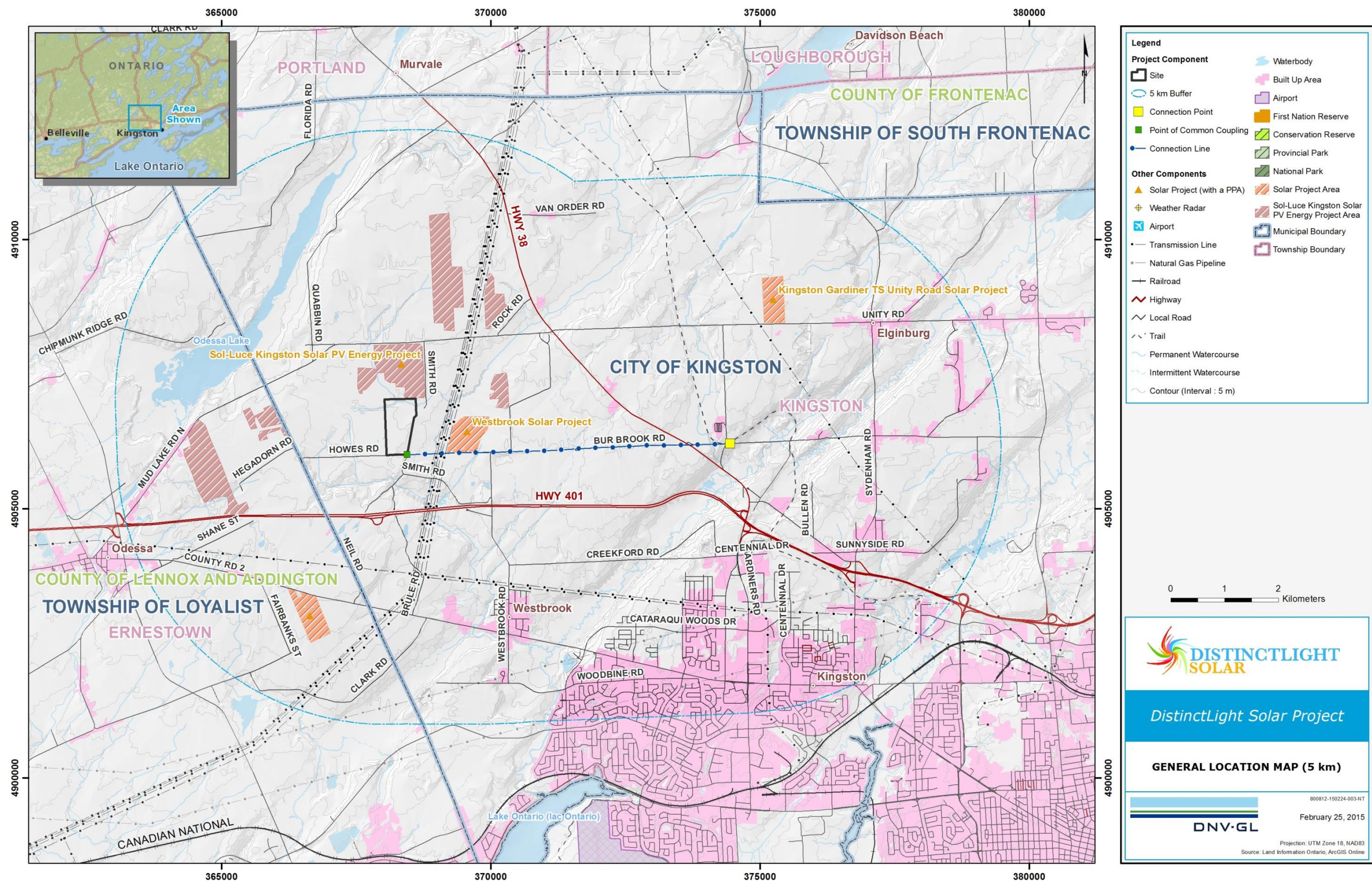
Reference to part of this report which may lead to misinterpretation is not permissible.

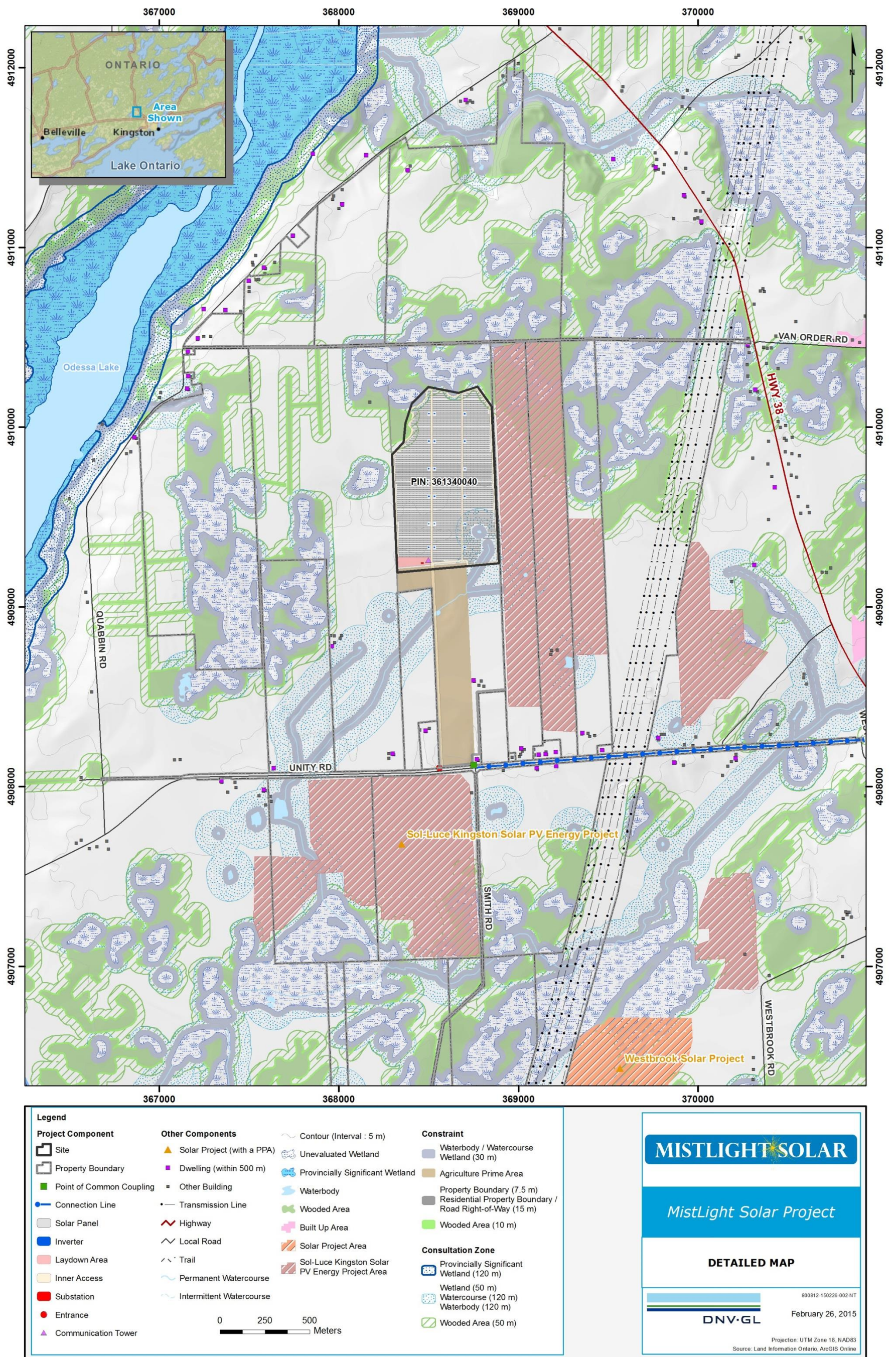
Issue	Date	Reason for Issue	Prepared by	Verified by	Approved by
B	25 August 2015	Final	N. Therrien, C. Donohue	A. Whitmore	F. Langelier

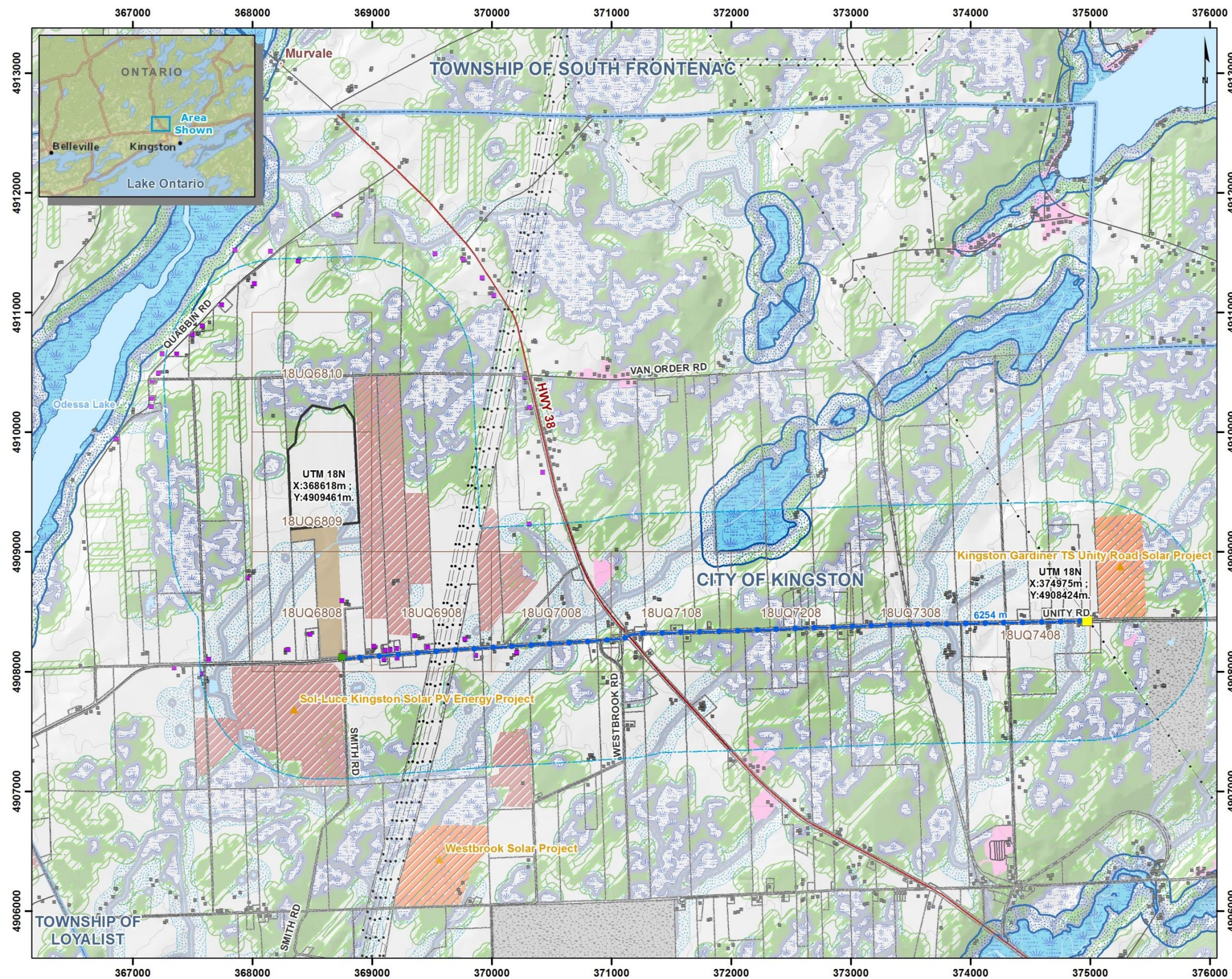
1. SITE CONSIDERATIONS MAPS











Legend

Project Component

- Site
- 1 km Buffer
- Connection Point
- Point of Common Coupling
- Connection Line
- Solar Project (with a PPA)
- Dwelling (within 500 m)
- Other Building
- Transmission Line
- Highway
- Local Road
- Trail
- Permanent Watercourse
- Intermittent Watercourse
- Contour (Interval : 5 m)

Other Components

- Unevaluated Wetland
- Provincially Significant Wetland
- Waterbody
- Wooded Area
- Built Up Area
- Quarry
- Solar Project Area
- Sol-Luce Kingston Solar PV Energy Project Area
- Municipal Boundary
- NHIC grid

Constraint

- Waterbody / Watercourse Wetland (30 m)
- Agriculture Prime Area
- Property Boundary (7.5 m)
- Residential Property Boundary / Road Right-of-Way (15 m)
- Wooded Area (10 m)

Consultation Zone

- Provincially Significant Wetland (120 m)
- Wetland (50 m)
- Watercourse (120 m)
- Waterbody (120 m)
- Wooded Area (50 m)

MistLight Solar Project is located within Natural Heritage Information Centre (NHIC) one (1) kilometre grid squares which contain a "Threatened" or "Endangered" species observation record (protected pursuant to the Endangered Species Act, 2007 SO 2007, c 6).

Please refer to Table 3-3 in the LRP Site Considerations Review document for more information.

0 0.5 1 Kilometers

MISTLIGHT SOLAR

MistLight Solar Project

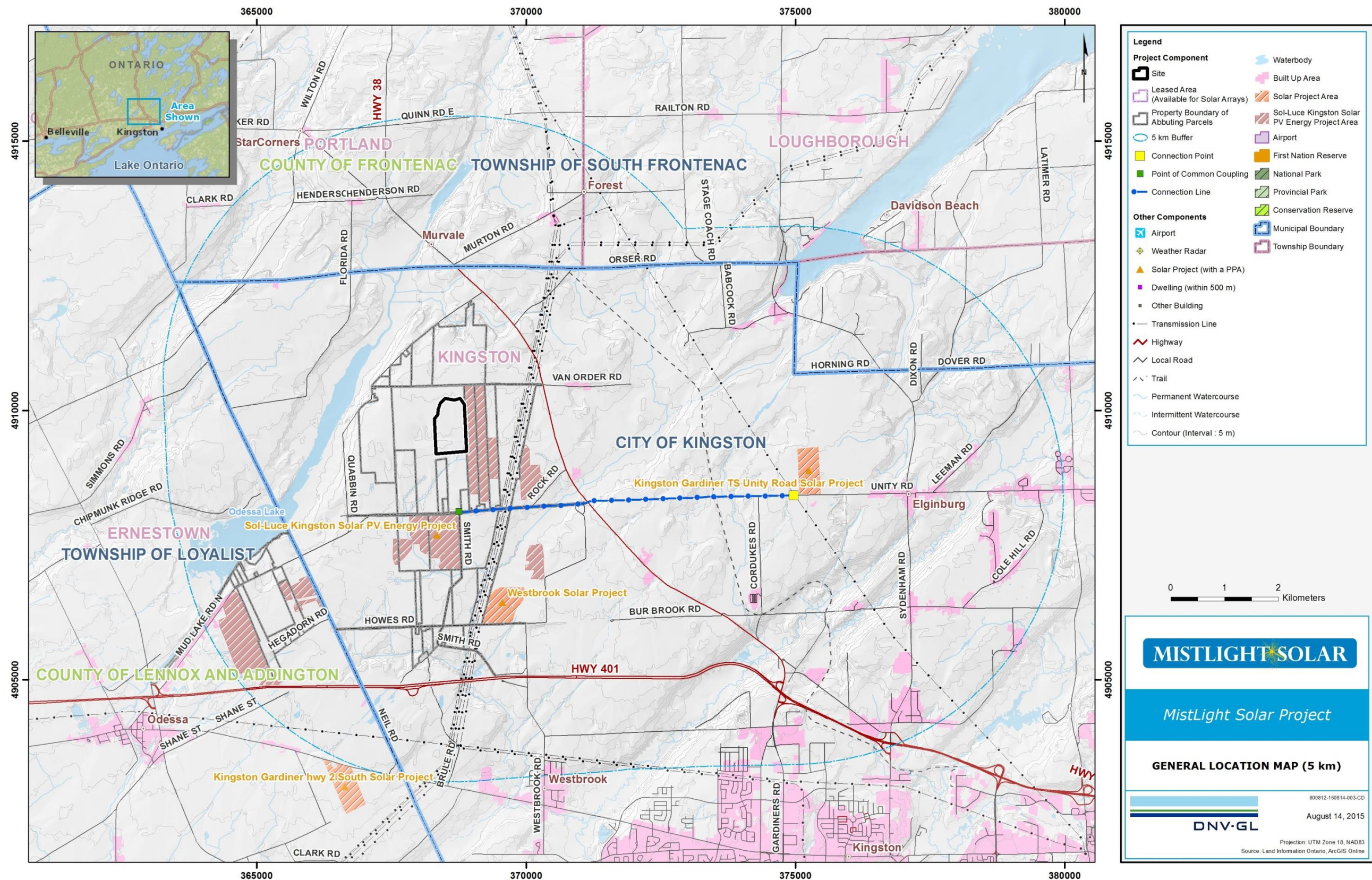
DETAILED MAP (CONNECTION LINE)

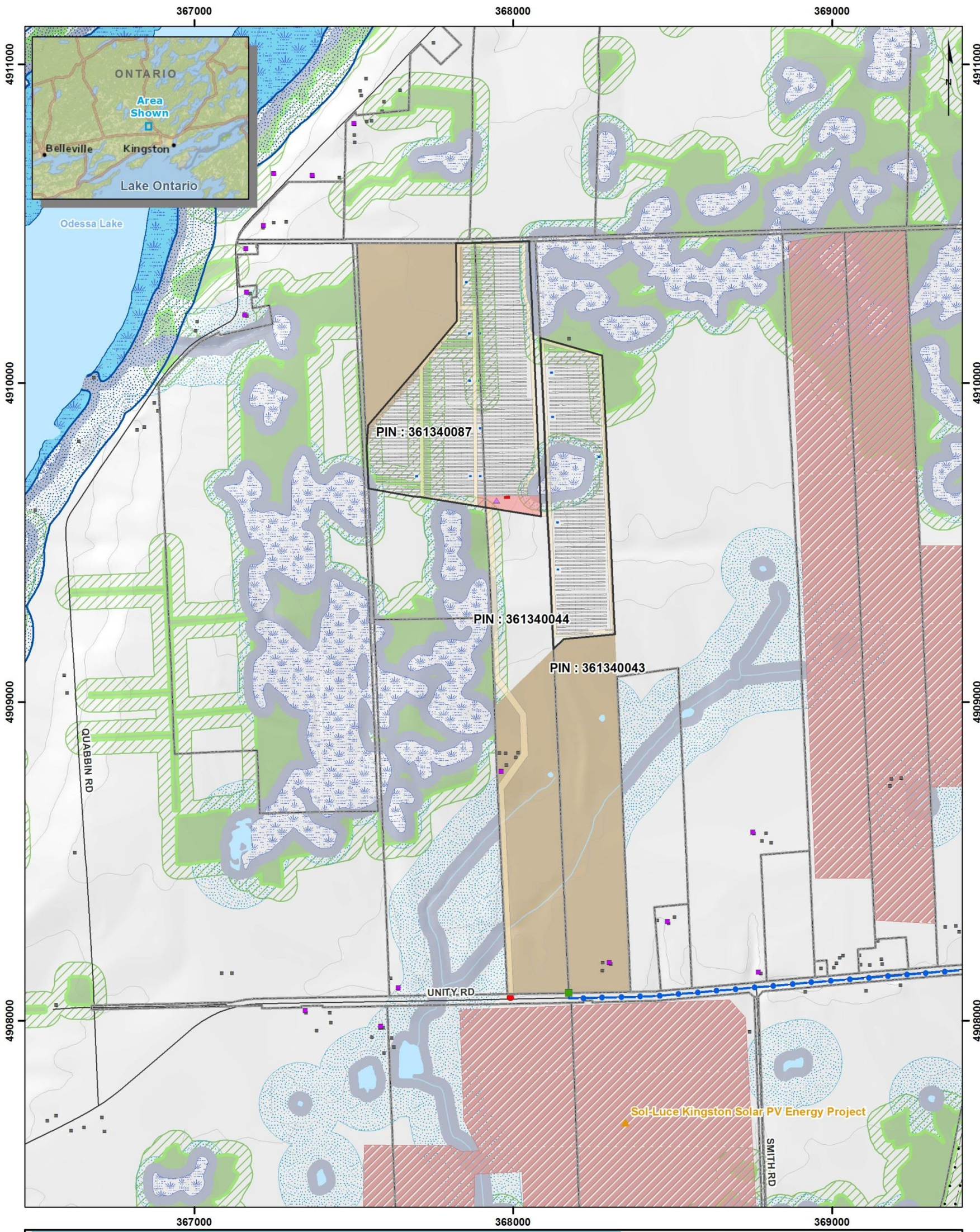
800812-150226-002-NIT

February 26, 2015

DNV GL

Projection: UTM Zone 18, NAD83
Source: Land Information Ontario, ArcGIS Online





Legend

Project Component

- Site
- Property Boundary
- Point of Common Coupling
- Connection Line
- Solar Panel
- Inverter
- Laydown Area
- Inner Access
- Substation
- Entrance
- Communication Tower

Other Components

- Solar Project (with a PPA)
- Dwelling (within 500 m)
- Other Building
- Transmission Line
- Highway
- Local Road
- Trail
- Permanent Watercourse
- Intermittent Watercourse

- Contour (Interval : 5 m)
- Unevaluated Wetland
- Provincially Significant Wetland
- Waterbody
- Wooded Area
- Built Up Area
- Sol-Luce Kingston Solar PV Energy Project Area
- Municipal Boundary

Constraint


- Waterbody / Watercourse Wetland (30 m)
- Prime Agricultural Area
- Property Boundary (7.5 m)
- Residential Property Boundary / Road Right-of-Way (15 m)
- Wooded Area (10 m)

Consultation Zone

- Provincially Significant Wetland (120 m)
- Wetland (50 m)
- Watercourse (120 m)
- Waterbody (120 m)
- Wooded Area (50 m)

0100200400

Meters



ClassicLight Solar Project

DETAILED MAP

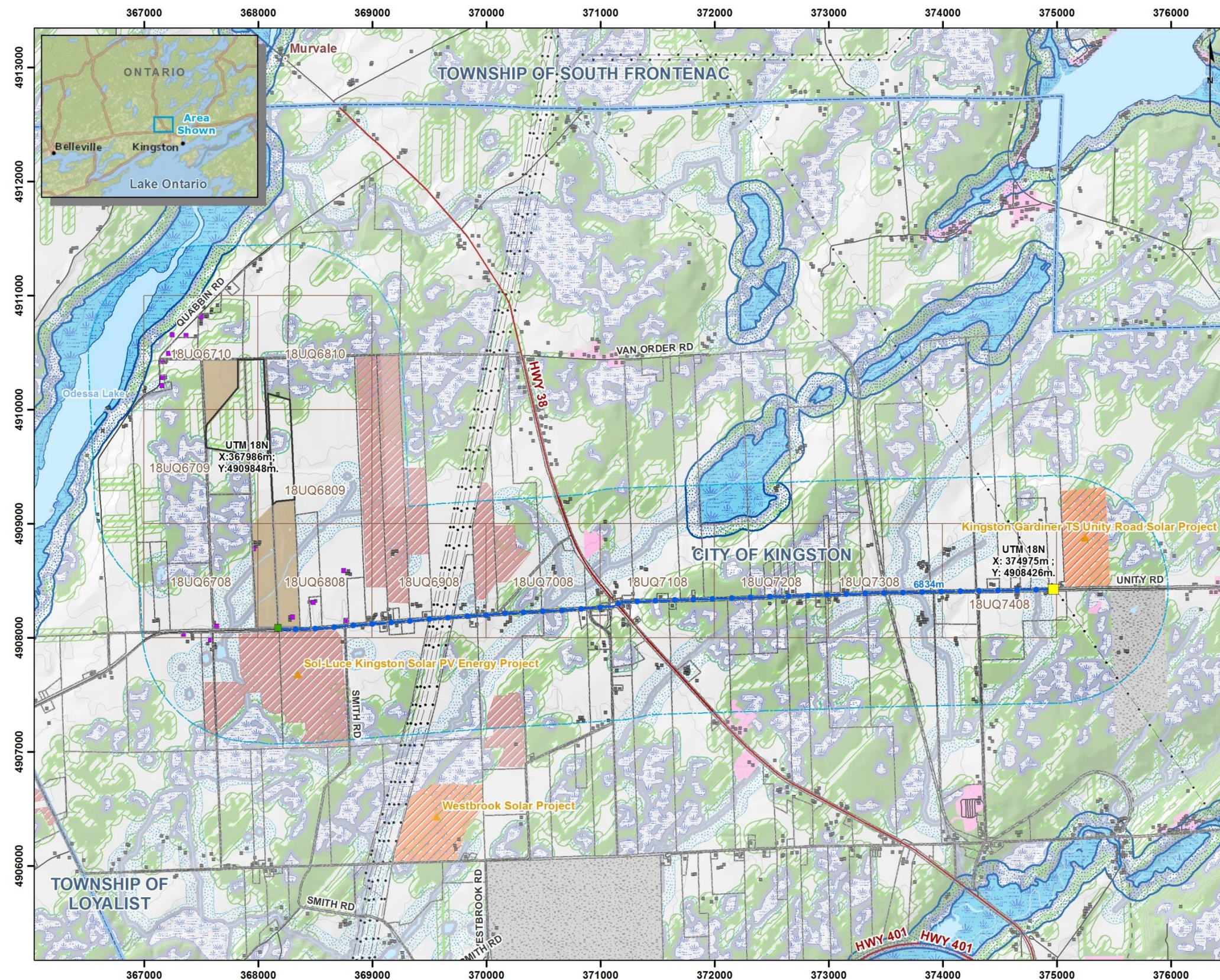
800812-150226-001-NT

DNV·GL

February 26, 2015

Projection: UTM Zone 18, NAD83

Source: Land Information Ontario, ArcGIS Online



Legend

Project Component

- Site
- 1 km Buffer
- Connection Point
- Point of Common Coupling
- Connection Line

Other Components

- Solar Project (with a PPA)
- Dwelling (within 500 m)
- Other Building
- Transmission Line
- Highway
- Local Road
- Trail
- Permanent Watercourse
- Intermittent Watercourse
- Contour (Interval: 5 m)

Constraint

- Unevaluated Wetland
- Provincially Significant Wetland
- Waterbody
- Wooded Area
- Built Up Area
- Quarry
- Solar Project Area
- Sol-Luce Kingston Solar PV Energy Project Area
- Municipal Boundary
- NHIC grid
- Waterbody / Watercourse Wetland (30 m)
- Prime Agricultural Area
- Property Boundary (7.5 m)
- Residential Property Boundary / Road Right-of-Way (15 m)
- Wooded Area (10 m)

Consultation Zone

- Provincially Significant Wetland (120 m)
- Wetland (50 m)
- Watercourse (120 m)
- Waterbody (120 m)
- Wooded Area (50 m)

ClassicLight Solar Project is located within Natural Heritage Information Centre (NHIC) one (1) kilometre grid squares which contain a "Threatened" or "Endangered" species observation record (protected pursuant to the Endangered Species Act, 2007 SO 2007, c 6).

Please refer to Table 3-2 in the LRP Site Considerations Review document for more information.



CLASSICLIGHT SOLAR PARK

ClassicLight Solar Project

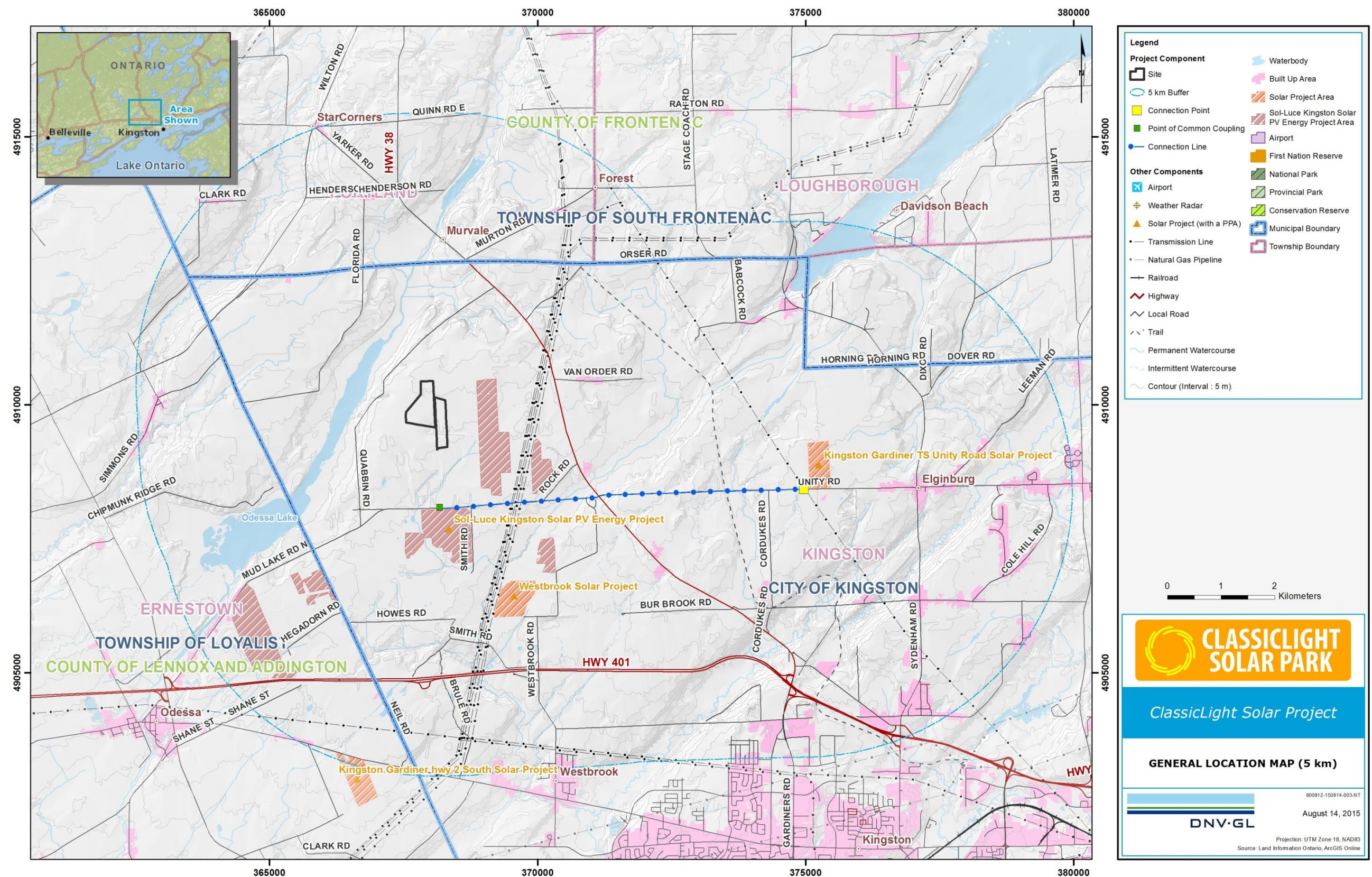
DETAILED MAP (CONNECTION LINE)

800812-150226-002-NT

February 26, 2015

DNV-GL

Projection: UTM Zone 18, NAD83
Source: Land Information Ontario, ArcGIS Online



2. SITE CONSIDERATIONS REVIEW TABLE

Table 2-1: Site Considerations Review

3.2.6 LRP Site Considerations Requirements	DNV GL Review / Comment	Requirement Satisfaction
(a) The Registered Proponent must provide evidence that they have received the MTCS Sites Confirmation.	SkyPower has received preliminary information in writing from the MTCS regarding any known archaeological resource within 250 metres of the Sites.	This requirement shall be satisfied by the Registered Proponent’s inclusion of a copy of the MTCS Archaeological Sites Confirmation in the Proposal. The MTCS Archaeological Sites Confirmation may be in the form of an email or other written correspondence from MTCS.
(b) Site Considerations Information: (i) The Registered Proponent must provide detailed scale maps of the Large Renewable Project and the Connection Line at a suitable scale to clearly identify (collectively, the “Site Considerations Information”):		
(1) The Site , and if the Site is constituted by more than one non-contiguous Properties a scale map showing the outer boundary of the entire Site must be included;	DNV GL confirms that this item is Included in the Site Considerations, see Detailed Maps.	A copy of the Site Considerations Information (including copies of any background reports, sources or materials) must be continuously posted on the Large Renewable Project Website from the date that is at least fifteen (15) days prior to the date of the public community meeting identified in response to Subsection 3.2.5(c), and continuing until the IESO announces the Selected Proponents for this LRP I RFP, if any. A copy of the Site Considerations Information must have been delivered to the clerk of each Project Community, if applicable, and any other designated official prescribed by each Project Community, acting reasonably. This requirement shall be satisfied by: (i) the completion of the Prescribed Form – Site Considerations Confirmation attaching the Site Considerations Information (including reference to any background reports and sources, which must be published on the Registered Proponent’s website) and confirming that, in the view of a qualified Independent Engineer, the Site Considerations Information is complete, accurate and consistent with this LRP I RFP and accepted methodologies, industry standards and best practice, provided that: (i) the Independent Engineer may rely on the views of one or more individuals who have the qualifications, training, expertise and experience in carrying out studies or evaluations as recommended or required by the Renewable Energy Approval and other equivalent environmental assessments or approvals (each a “Qualified Third Party”); and (ii) the Independent Engineer must identify and provide a summary of the qualifications, training, expertise and experience of each Qualified Third Party that it relies upon ;and (2) the Registered Proponent’s confirmation in the Prescribed Form –Registered Proponent Declarations and substantiating evidence which must include: (i) a screenshot of the Large Renewable Project Website with the Site Considerations Information posted with the date and URL clearly shown; and (ii) copies of courier transmittal sheets evidencing delivery of the Site Considerations Information to each of the Project Communities.
(2) The proposed Connection Line and Connection Point , showing the length of the Connection Line, the GPS coordinates for the Site and the Connection Point, and any other TS (or associated feeder) or the Circuit connected to the IESO Controlled Grid that is closer in geographic proximity to the Site than the proposed Connection Point;	DNV GL confirms that this item is Included in the Site Considerations, see Detailed Maps. SkyPower will confirm that the proposed Connection Points are the closest TS or Circuits connected to the IESO-Controlled Grid in their submission to the LRP I RFP.	
(3) To the extent available, the proposed location of key features of the Large Renewable Project such as access roads, internal driveways, generating equipment, structures, transformers, inverters and communications towers .	SkyPower has completed conceptual layouts presenting locations of key features (see Detailed Maps).	
(4) The boundaries of any Municipality and Unorganized Territory in which the Site or the Connection Line is to be located, in whole or in part, including the identity of each Municipality and, if applicable, Unorganized Territory.	DNV GL confirms that this item is Included in the Site Considerations, see General Location Maps.	
(5) The boundaries of any First Nation Lands the Site or the Connection Line is to be located, in whole or in part, including the identity of the First Nation Lands and the Corresponding First Nation Community	The Sites are not located within First Nation Lands.	

3.2.6 LRP Site Considerations Requirements	DNV GL Review / Comment	Requirement Satisfaction
(6) The boundaries of any geographic township (identified pursuant to the Territorial Division Act, 2002, SO 2002, c 17, Sched. E) in which the Large Renewable Project or the Connection Line is to be located, in whole or in part, including the identity of the geographic township	DNV GL confirms that this item is Included in the Site Considerations, see General Location Maps.	
(7) any "highway" (as defined in the Highway Traffic Act, RSO 1990, c H.8) crossing or located within 5 kilometres of the Site or the proposed Connection Line, including the location, name and number of each such highways	DNV GL confirms that this item is Included in the Site Considerations, see General Location Maps.	
(8) any "railway" (as defined in the Canada Transportation Act, SC 1996, c 10) crossing or located within 5 kilometres of the Site or the proposed Connection Line, including the location and name of each such railways;	DNV GL confirms that this item is Included in the Site Considerations, see General Location Maps.	
(9) any national park (identified in Schedule 1 of the Canada National Parks Act, SC 2000, c 32), provincial park or conservation reserve (identified pursuant to the Provincial Parks and Conservation Reserves Act, 2006, SO 2006, c 12) located within 120 metres of the Site or the proposed Connection Line, including the location and name of such parks or conservation reserves;	DNV GL confirms that this item is Included in the Site Considerations, see General Location Maps. DNV GL did not identify any Provincial Park, National Park or Conservation Reserve within 120 m of the Sites or the Proposed Connection Lines.	
(10) any airports, aerodromes and weather radars located within 5 kilometres of the Site or the proposed Connection Line, including the location and name of such airports, aerodromes and weather radars;	DNV GL confirms that this item is Included in the Site Considerations, see General Location Maps. DNV GL did not identify any airport, aerodrome and weather radar within 5 kilometers of the Sites or the Proposed Connection Lines.	
(11) the Property boundaries for each Property on which the Site is located, each Property that Abuts Property on which the Site is located, each Property where the proposed Connection Line will be situated, and each Property that abuts a Property where the proposed Connection and for each Property where the proposed Connection Line will be situated and each Property that Abuts such Property;	DNV GL confirms that this item is Included in the Site Considerations, see Detailed Maps.	
(12) any Permanent Known Water Body located within 120 metres of the Site or the proposed Connection Line, including the location and, if applicable, the common name associated with such Permanent Known Water Body;	DNV GL confirms that this item is Included in the Site Considerations, see Detailed Maps.	
(13) if the Large Renewable Project is to utilize On-Shore Wind as its Renewable Fuel: (i) the location of any other Renewable Generating Facilities that utilize On-Shore Wind as a Renewable Fuel that have been constructed and are located within 5 kilometres of the Site clearly identifying the location of each turbine; and (2) the location of the project site boundary for any proposed but unconstructed Renewable Generating Facilities that utilize On-Shore Wind as a Renewable Fuel that are located within 5 kilometres of the Site and which have received a Renewable Energy Approval as indicated at www.ontario.ca/environment-and-energy/renewable-energy-projects-listing	The Large Renewable Project will not utilize On-Shore Wind as its Renewable Fuel. This item does not apply.	

3.2.6 LRP Site Considerations Requirements	DNV GL Review / Comment	Requirement Satisfaction
(14) if the Large Renewable Project is to be located on provincial Crown lands (in whole or in part): (i) the boundaries of each Property on which the Site is located, and that Abuts the Property on which the Site is located; and (2) every Provincial Crown Land Lease located on a Property on which the Site is located, and that Abuts the Property on which the Site is located;	The Sites and abutting properties are not located on Crown Land.	
(15) (i) within a Natural Heritage Information Centre 1 kilometre grid square which contains an “Endangered” or “Threatened” species observation record (protected pursuant to the Endangered Species Act, 2007, SO 2007, c 6);	DNV GL listed the NHIC species records within 1 kilometer grid square intersecting the Sites and the Connection lines. The records are presented in Section 3. See Tables below.	
(15) (ii) within 120 metres of a provincially significant area of natural and scientific interest ;	DNV GL confirms that this item is Included in the Site Considerations, see Detailed Maps. The Sites and Connection Lines do not intersect any provincially significant area of natural and scientific interest.	
(15) (iii) within 120 metres of a known provincially significant wetland ;	DNV GL confirms that this item is Included in the Site Considerations, see Detailed Maps. The Sites and Connection Lines do not intersect any known provincially significant wetland.	
(15) (iv) within or Abutting an area designated in the plan approved under the Niagara Escarpment Planning and Development Act, the plan approved under the Oak Ridges Moraine Conservation Act, 2011 and O. Reg. 142/02, the plan approved under the Greenbelt Act, 2005, and the Lake Simcoe watershed (as defined in the Lake Simcoe Protection Act, 2008);	The Sites and Connection Lines are not located in the Niagara Escarpment, the Oak Ridges Moraine, nor the Lake Simcoe Watershed.	
(15) (v) within or Abutting a recognized heritage resource (including Properties protected under the Ontario Heritage Act, RSO 1990,c O.18, Properties included on a list or register of heritage resources maintained by the Municipality, Properties that are the subject of a local or provincial plaque, or Properties that are set aside as a national historic site of Canada under Section 42 of the Canada National Parks Act, SC 2000, c 32).	DNV GL did not identify any recognized heritage resource within or abutting the Sites or the Connection Lines. The sources that have been reviewed are listed in Section 4.	

3.2.6 LRP Site Considerations Requirements

DNV GL Review / Comment

Requirement Satisfaction

(c) A Large Renewable Project that uses **Non-Rooftop Solar** as its Renewable Fuel must also meet the following requirements:

<p>(1) if the Large Renewable Project’s Site is located, in whole or in part, within the boundaries of the Approved Official Plan of a Municipality or Planning Board that has completed the Prime Agricultural Area designation process for an Approved Official Plan : (i) the Large Renewable Project must not have its Site located within any Prime Agricultural Areas as set out in the Municipality’s or Planning Board’s Approved Official Plan at the time the Prescribed Form– Agricultural Land Use Confirmation for Non-Rooftop Solar is completed, and (ii) must not have its Site located in whole or in part on any Specialty Crop Areas at the time the Prescribed Form– Agricultural Land Use Confirmation for Non-Rooftop Solar is completed;</p>	<p><u>Lower Tier Municipality: N/A</u></p> <p><u>Single Tier Municipality: City of Kingston</u></p> <p>The planning Review prepared by an official Land Use Planner confirmed that the Site is located within a Local Municipality (City of Kingston) that has completed the Prime Agricultural Area designation process for an Approved Official Plan. The Official Plan was approved on January 27, 2010. This Official Plan is the only Official Plan to provide policy on the Site.</p> <p>The Properties that make up ClassicLight and MistList contain Prime Agricultural Area, however there is no Prime Agricultural Area intersecting the Site boundaries of ClassicLight and MistLight.</p>	<p><u>Upper Tier Municipality: N/A</u></p> <p>(The City of Kingston is a Single Tier Municipality.)</p>	<p>This requirement shall be satisfied by the completion of the Prescribed Form – Agricultural Land Use Confirmation and, if required, the Prescribed Form – Agricultural Land Evaluation Study Peer Review Attestation.</p>
<p>(2) if the Large Renewable Project’s Site is located, in whole or in part, within the boundaries of the Approved Official Plan of a Municipality or Planning Board that has completed the Prime Agricultural Area designation process for an Approved Official Plan or any part of the Site is located, in whole or in part, on one or more Properties outside of the boundaries covered by a Municipality’s or Planning Board’s Approved Official Plan referred to in Subsection 3.2.6(c)(i)(1).</p>	<p>The planning Review prepared by an official Land Use Planner confirmed that this item does not apply.</p>		

3.2.6 LRP Site Considerations Requirements

DNV GL Review / Comment

Requirement Satisfaction

(3) Notwithstanding the foregoing, the requirements in subsections (1) and (2) above will not apply to the portion of the Site located on lands that are within the paragraphs (a), (b) or (c) of the definition of **First Nation Lands**.

The Sites are not located within First Nation Lands.

3. NATURAL HERITAGE INFORMATION CENTER SPECIES RECORD

The following tables present the Species Observations records contained within the Natural Heritage Information Center 1 km grid square intersecting the Site or Connection Line.

Provincial Rank (S-Rank)

S1: Critically Imperilled
S2: Imperilled
S3: Vulnerable
S4: Apparently Secure
SH: Historic
SX: Presumed Extirpated

COSEWIC and SARO Status

END/E: Endangered
THR/T: Threatened
SC: Special Concern
NAR: Not at Risk

Table 3-1: NHIC Species Records - DistinctLight

Scientific Name	Common Name	S-Rank	COSEWIC Status	SARO Status
<i>Colinus virginianus</i>	Northern Bobwhite	S1	END	END
<i>Dolichonyx oryzivorus</i>	Bobolink	S4B	THR	THR
<i>Sturnella magna</i>	Eastern Meadowlark	S4B	THR	THR
<i>Tomostima reptans</i>	Creeping Draba	S3		
<i>Crataegus brainerdii</i>	Brainerd's Hawthorn	S2		
<i>Schoenoplectiella smithii</i>	Smith's Bulrush	S3		
<i>Tufted Hairgrass - Canada Bluegrass - Philadelphia Panic Grass Alvar Grassland Type</i>	Tufted Hairgrass - Canada Bluegrass - Philadelphia Panic Grass Alvar Grassland Type	S2S3		
<i>Sparganium androcladum</i>	Branching Burreed	SH		
<i>Gentianella quinquefolia</i>	Stiff Gentian	S2		
<i>Gillenia trifoliata</i>	Bowman's-root	SX		
<i>Grimmia olneyi</i>	Olney's Grimmia Moss	S2		

Table 3-2: NHIC Species Records - ClassicLight

Scientific Name	Common Name	S-Rank	COSEWI C Status	SARO Status
<i>Lanius ludovicianus</i>	Loggerhead Shrike	S2B	END	END
<i>Sternotherus odoratus</i>	Eastern Musk Turtle	S3	SC	SC
<i>Dolichonyx oryzivorus</i>	Bobolink	S4B	THR	THR
<i>Sturnella magna</i>	Eastern Meadowlark	S4B	THR	THR
<i>Tomostima reptans</i>	Creeping Draba	S3		
<i>Crataegus brainerdii</i>	Brainerd's Hawthorn	S2		
<i>Callophrys gryneus</i>	Juniper Hairstreak	S2		
<i>Gillenia trifoliata</i>	Bowman's-root	SX		
<i>Grimmia olneyi</i>	Olney's Grimmia Moss	S2		
<i>Sparganium androcladum</i>	Branching Burreed	SH		

Table 3-3: NHIC Species Records – MistLight

Scientific Name	Common Name	S-Rank	COSEWI C Status	SARO Status
<i>Lanius ludovicianus</i>	Loggerhead Shrike	S2B	END	END
<i>Dolichonyx oryzivorus</i>	Bobolink	S4B	THR	THR
<i>Sturnella magna</i>	Eastern Meadowlark	S4B	THR	THR
<i>Tomostima reptans</i>	Creeping Draba	S3		
<i>Crataegus brainerdii</i>	Brainerd's Hawthorn	S2		

Scientific Name	Common Name	S-Rank	COSEWIC Status	SARO Status
<i>Callophrys gryneus</i>	Juniper Hairstreak	S2		
<i>Gillenia trifoliata</i>	Bowman's-root	SX		
<i>Grimmia olneyi</i>	Olney's Grimmia Moss	S2		
<i>Sparganium androcladum</i>	Branching Burreed	SH		

4. CULTURAL RESOURCE REVIEW SUMMARY

Table 4-1: Cultural Resource Review Summary

Cultural Resource Database or Contact	Source
Ontario Heritage Trust's Online Plaque Guide	<p>Available Online: http://www.heritagetrust.on.ca/Resources-and-Learning/Online-Plaque-Guide.aspx</p> <p>Consulted on February 24th, 2015. DNV GL did not identify any heritage resources within or abutting the Sites or Connection Lines. See Section 6.</p>
Canada's Historics Places Register	<p>Available Online: http://www.historicplaces.ca/en/rep-reg/search-recherche.aspx</p> <p>Consulted on February 24th, 2015. DNV GL did not identify any heritage resources within or abutting the Sites or Connection Lines. See Section 6.</p>
Parks Canada Directory of Federal Heritage Designations	<p>Available Online: http://www.pc.gc.ca/apps/dfhd/search-recherche_eng.aspx</p> <p>Consulted on August 14th, 2015. DNV GL reviewed the list of Federal Heritage Designations located in the nearby towns of Odessa, Westbrook, and Wilton and did not identify any features within or abutting the Sites or Connection Lines.</p>
City of Kingston Heritage Register and Culture Map	<p>Available Online: https://www.cityofkingston.ca/documents/10180/39676/Heritage+Register/5c73e32e-29db-4c8a-a67a-9fa708faf940</p> <p>And: https://www.cityofkingston.ca/explore/culture-map</p> <p>Consulted on February 24th, 2015. DNV GL did not identify any heritage resources within or abutting the Sites or Connection Lines. See Section 6.</p>
City of Kingston Municipal Clerk	<p>Email sent on February 23th, 2015 to James Thompson, Municipal Heritage Committee Clerk. Follow-up email sent on June 3rd 2015.</p> <p>Response received on June 9th, 2015 from Amy Didrikson, Heritage Planner, referring to City of Kingston Heritage Register and the interactive Culture Map (verified above). See Section 6.</p>
Ontario Heritage Trust	<p>Letter from Ontario Heritage Trust (OHT) dated from May 4, 2015 confirms that the OHT does not have any conservation easement sites within or adjacent to the Sites nor Connection Lines. See Section 6.</p>

5. SPATIAL DATA SOURCES

Table 5-1: Spatial Data Sources

Feature	Source of Spatial Data	Source of Setback	Consultation Zone	Constraint
Provincially significant wetland	LAND INFORMATION ONTARIO	O.Reg. 359 section 38	50m	avoid
Significant ANSI (earth and life science) and all candidates	LAND INFORMATION ONTARIO	O. Reg. 359 Section 38	50m	-
Significant Woodland	LAND INFORMATION ONTARIO	O. Reg. 359 Section 38	50m	-
Woodland	LAND INFORMATION ONTARIO	Best Practice	50m	10m
Waterbody	LAND INFORMATION ONTARIO	O.Reg. 359 section 39,40	120m	30m
Watercourse	LAND INFORMATION ONTARIO	O.Reg. 359 section 39,40	120m	30m
Other Wetland	LAND INFORMATION ONTARIO	Best Practice	50m	30m
Other ANSI	LAND INFORMATION ONTARIO	Best Practice	avoid	-
Endangered or Threatened Species	NHIC	N/A	N/A	N/A
Heritage Resources	4See Section 4	N/A	N/A	N/A
Highway	LAND INFORMATION ONTARIO	N/A	CanSIA Recommendations (Land Use Working Group)	15m from Road Right-of-Way
Railway	LAND INFORMATION ONTARIO	N/A	N/A	N/A
Agriculture Prime Area	City of Kingston Official Plan Schedule 3-B	LRP Site Considerations	-	Avoid
Geographic Township	LAND INFORMATION ONTARIO	N/A	N/A	N/A
Municipality Boundary	LAND INFORMATION ONTARIO	N/A	N/A	N/A

Feature	Source of Spatial Data	Source of Setback	Consultation Zone	Constraint
Airport	LAND INFORMATION ONTARIO	N/A	N/A	N/A
Weather Radar	Industry Canada	N/A	N/A	N/A
Quarry	LAND INFORMATION ONTARIO	N/A	N/A	N/A
Adjacent Renewable Energy Projects	DNV GL Ontario Renewable Energy Atlas	N/A	N/A	N/A
Transmission Line	LAND INFORMATION ONTARIO	N/A	N/A	N/A
Gas Pipeline	LAND INFORMATION ONTARIO	N/A	N/A	N/A
Conservation Reserve	LAND INFORMATION ONTARIO	N/A	N/A	N/A
Provincial Park	LAND INFORMATION ONTARIO	N/A	N/A	N/A
First Nation Lands	LAND INFORMATION ONTARIO	N/A	N/A	N/A
Property Boundary	Customer	N/A	CanSIA Recommendations (Land Use Working Group)	7.5m or 15m from Residential Property
Building	LAND INFORMATION ONTARIO	N/A	N/A	N/A
Dwellings	Aerial Imagery	N/A	N/A	N/A

6. CULTURAL RESSOURCE REFERENCE

Ontario Heritage Trust Online Plaque Search – City of Kingston

[AAA](#) [PRINT](#) [EMAIL](#)
[SHARE](#)

Online Plaque search results

28 results have been returned. In the order of relevance.

[Hillcroft 1853](#)

Built by a mayor of Kingston, Hillcroft later became the residence of Sir Alexander Campbell, a member of the legislative council and life-long associate of Sir John A. Macdonald.

[Regiopollis College](#)

Established by the energetic Bishop Alexander Macdonell, Regiopollis College opened in 1846 offering academic and theological training to Roman Catholic youth. The original building is now part of the Hôtel Dieu Hospital.

[Royal Military College of Canada, The](#)

The first officer training college in Canada, the Royal Military College opened in 1876 with 18 cadets receiving military and academic instruction. In 1959, it was granted university status.

[St. Mark's Church](#)

A fine example of Gothic Revival architecture, St. Mark's was built with financial assistance from the British Admiralty and local settlers, many of whom were employed at the Navy Bay dockyards.

[Summerhill 1839](#)

Originally the home of a prominent Kingston citizen, Summerhill was leased for a time as government offices. In 1853, it was purchased by the fledgling Queen's University and for several years was that institution's only building.

[Typhus Epidemic 1847, The](#)

The potato famine in Ireland in the 1840s brought a wave of immigration to North America, and with it a major outbreak of typhus. In Kingston, despite heroic ministrations by charitable and religious organizations, some 1,400 people died.

[Sir Richard Bonnycastle 1791-1847](#)

A distinguished officer of the Royal Engineers, Bonnycastle played a prominent role in the construction of Fort Henry and the defence of Kingston during the Rebellion of 1837. He travelled widely in British North America and wrote several books dealing with contemporary Canada.

[Honourable René-Amable Boucher 1735-1812, The](#)

The descendant of a noted French-Canadian family, Boucher was born at Cataragui (Kingston) and served in the French forces until the British capture of Canada. He settled at Boucherville, Quebec and was later a member of the legislative council of Lower Canada.


[Molly Brant](#)

Highly respected by her fellow Mohawks as well as by governing officials, Molly Brant (Degonwadonti), who was born about 1736 allegedly in the Ohio Valley, played a leading role in persuading the Iroquois Confederacy to support Britain during the American Revolution. She fled ...

[Fort Henry](#)

Built between 1832 and 1836 as part of a large-scale system of defence to protect the naval dockyards at Kingston and the Rideau Canal, the present fortifications replaced an earlier fort dating from the War of 1812.

1 2 3



Apply today!
Apply to the Provincial Plaque deadline September 15. (Photo)

[» Application ...](#)

Online Plaque search results

28 results have been returned in the order of relevance.

[Louis de Buade, Comte de Frontenac et de Palluau 1622-1698](#)

One of the most controversial and influential figures in Canadian history, Frontenac, as governor-general of New France, established a series of fortified fur-trading posts, including Fort Frontenac at the site of present-day Kingston.

[Government House 1832](#)

Built by the fifth baron of Longueuil, Alwington House served as the vice-regal residence from 1841 to 1844 when Kingston was the capital of the Province of Canada. The building was demolished in 1959 following a fire.

[Heathfield](#)

Professor James Williamson purchased Heathfield in 1865 and rented a large portion of the capacious house to his brother-in-law, Sir John A. Macdonald. The latter used it during frequent visits to Kingston between 1865 and 1878. The house has been demolished.

[Kingston Observatory, The](#)

The first optical astronomical observatory in Ontario was established in Kingston in 1855 after a solar eclipse roused public interest in astronomical study. The observatory produced barometric readings, fixed meridians for surveying purposes, and provided a time service as we...

[King's Royal Regiment of New York, The](#)

Raised in 1775 under the command of Sir John Johnson, the "Royal Yorkers" was the largest loyalist corps in the Northern Department (the old Province of Quebec) during the American Revolution. When the regiment was disbanded, many of the men settled in townships bordering the ...

[René-Robert Cavelier de La Salle at Cataracoui](#)

A major figure in the expansion of the French fur trade into the Lake Ontario region, La Salle (1643-1687) was placed in command of Fort Frontenac in 1673. Using the fort as a base, he undertook expeditions to the west and southwest in the interest of developing a vast fur-tra...

[Loyalist Landing at Cataracoui 1784, The](#)

In 1783, official surveying of the countryside around Cataracoui was begun in anticipation of an influx of loyalist settlers following the end of the American Revolution. The next year, some 300 loyalists led by Michael Grass established a temporary camp at Mississauga Point wh...

[Bishop Alexander Macdonell 1762-1840](#)

Patriot, colonizer, and religious leader, Macdonell served as chaplain of the Glengarry Light Infantry during the War of 1812. In 1826, he became the first bishop of the newly established diocese of Kingston.

[Militia Garrison 1837-38](#)

When regular forces were dispatched to Lower Canada in 1837-38, supporters of Mackenzie's rebellion congregated on Hickory Island, intending to attack the undefended city of Kingston. Their plan was thwarted by Richard Bonnycastle who quickly assembled a number of militia regi...

[Sir Oliver Mowat 1820-1903](#)

During a long life of public service, Kingston native Oliver Mowat held many responsible positions, ranging from postmaster-general of the Province of Canada to lieutenant-governor of Ontario. He succeeded Edward Blake as the province's third prime minister in 1872 and retaine...



Apply to

Apply to the P
deadline Sept

>> Application

Online Plaque search results

28 results have been returned in the order of relevance.

[Point Frederick](#)

A naturally defensible site, Point Frederick was reserved as early as 1788 for construction of a battery. Various fortifications were built on the point over the next 50 years. The martello tower still in existence was one of four erected to fortify Kingston during the Oregon ...

[Rideau Canal 1826-1832, The](#)

Constructed to provide a secure military route between Upper and Lower Canada, the Rideau Canal was a major engineering feat traversing more than 100 kilometres of unsettled country and requiring the construction of 47 locks.

[Rockwood 1842](#)

Originally the country villa of prominent Kingston lawyer and politician John Cartwright, Rockwood was acquired by the government in 1856 and with another nearby building formed the nucleus of the present psychiatric hospital.

[Rush-Bagot Agreement, The](#)

Under the terms of this 1817 arms-limitation agreement, the United States and Great Britain agreed to dismantle most of their armed vessels on the Great Lakes and Lake Champlain and to construct no new warships. The agreement, technically, is still in force.

[Charles Sangster 1822-1893](#)

A major poet of the pre-Confederation period, Sangster wrote much of his poetry while working as a journalist in Kingston. His writings reveal a deep, patriotic love for his country, its scenery and history.

[Stone Frigate, The](#)

This large stone building, completed in 1820, was designed to hold gear and rigging from British warships dismantled in compliance with the Rush-Bagot Agreement. It served as a barracks briefly in 1837-38, and by 1876 had been refitted to house the Royal Military College of Ca...

[Reverend John Stuart 1740-1811, The](#)

The first resident Anglican priest in Upper Canada, Stuart settled at Cataraqui (Kingston) in 1785. He ministered to native and loyalist settlers in the Bay of Quinte area and travelled as far west as the Grand River.

[Sydenham Public School](#)

This building, opened in 1853 as the Kingston County Grammar School, replaced the earlier Midland Grammar School, a log and frame structure located at King and Gore streets. The new building consisted of two classrooms and accommodated over 100 students on each storey. Its ele...

123




Apply today!

Apply to the Provincial ...
deadline September 15

» [Application ...](#)

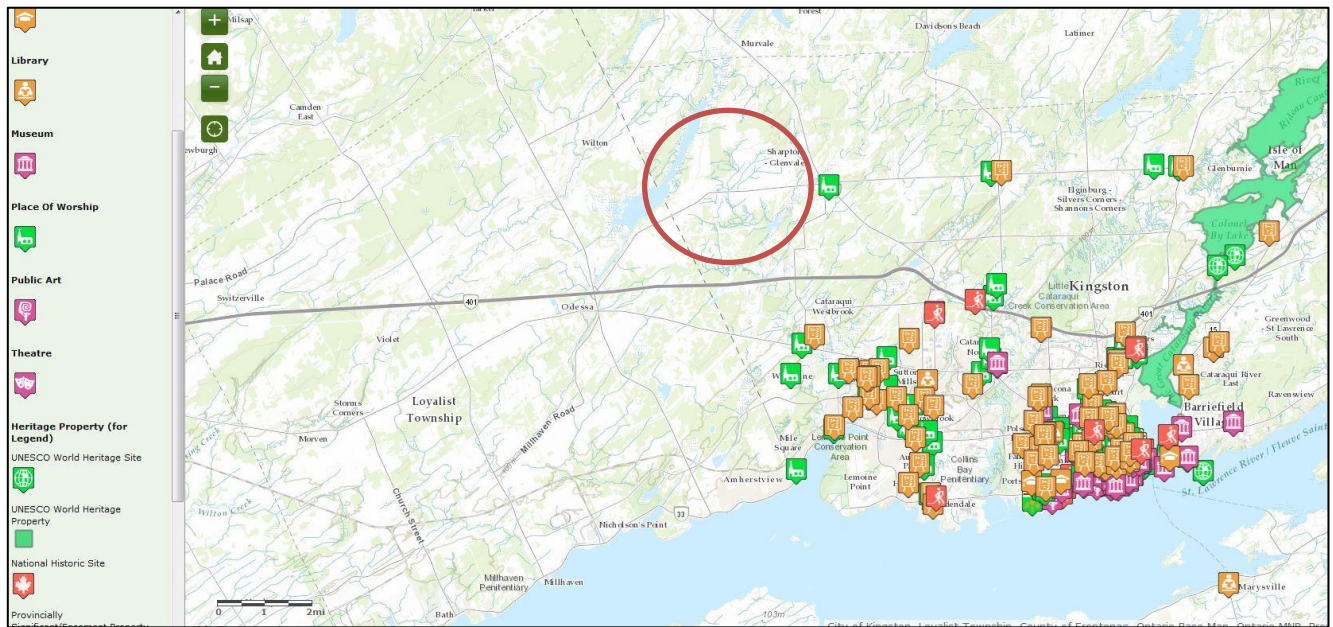
CANADIAN REGISTER SEARCH RESULTS



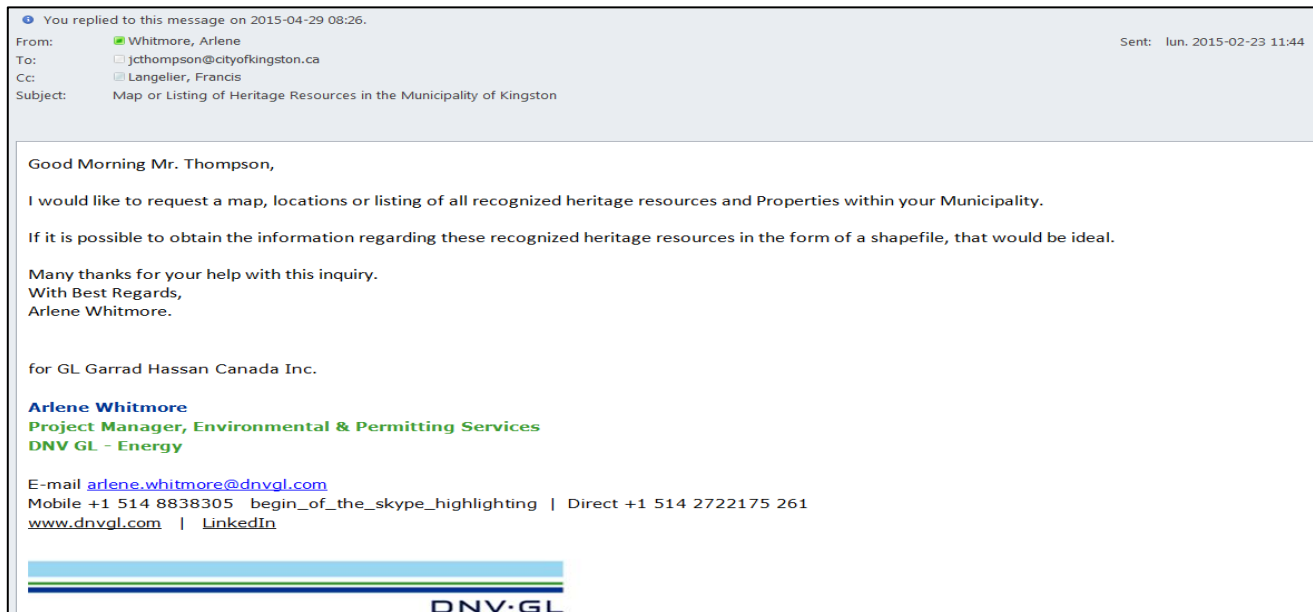
Map data ©2015 Google Terms of Use Report a map error

We're sorry! We couldn't find any results - please try another search using the map above or the form on the side.

City of Kingston Culture Map



Heritage resources and Properties request to the city of Kingston



From: Didrikson, Amy [<mailto:adidrikson@cityofkingston.ca>]
Sent: June-09-15 8:27 AM
To: Langelier, Francis
Cc: Mills, Cherie; Leary, Ryan; Salter-Keane, Julie
Subject: RE: Map or Listing of Heritage Resources in the City of Kingston

Hello Francis,

In response to your question below, in addition to the Heritage Property Register which is available on the City's website here: [Hyperlink to Register](#), there is also an interactive Culture Map on the City's website which identifies the location of designated and listed properties at the following link: <https://www.cityofkingston.ca/explore/culture-map>

I hope this helps,
Amy

Amy Didrikson, MCIP, RPP
Planner, Heritage
Development Approvals
Planning, Building and Licensing Services
City of Kingston

Location:
1211 John Counter Blvd., Kingston, ON K7K 6C7

Mailing Address:
216 Ontario St., Kingston, ON K7L 2Z3
613-546-4291, ext. 3288
613-542-9965 (fax)

email: adidrikson@cityofkingston.ca

Ontario Heritage Trust Letter



An agency of the Government of Ontario
VIA MAIL AND EMAIL

10 Adelaide Street East
Toronto, Ontario M5C 1J3

Telephone: 416-325-5000
Fax : 416-325-5071
www.heritagetrust.on.ca

May 4, 2015

Arlene Whitmore, Project Manager
DNV GL – Energy
GL Garrad Hassan Canada Inc.
4100 Rue Molson, Suite 100
Montreal, QC H1Y 3N1

Dear Ms. Whitmore:

**Re: MistLight Solar Project | ClassicLight Solar Project | Distinct Light Solar Project – Kingston
LRP | RFP Information Request**

We are in receipt of your email of May 4, 2015 and accompanying mapping to Jeremy Collins at the Ontario Heritage Trust with respect to the above-noted LRP | RFP Information Request.

As the Province's lead heritage agency, the Trust is mandated to preserve, protect and promote the conservation of the Province's rich natural and cultural heritage. In carrying out the above mandate, the Trust protects many significant cultural heritage and natural heritage sites across Ontario through ownership and conservation easements. The Trust also promotes appropriate measures to protect heritage resources which may be affected by large-scale undertakings.

Further to your request for information, we have reviewed the maps of the study areas for the above-noted three proposed renewable energy projects against our database of Trust easement properties. We can confirm that the Trust does not have any conservation easement sites within or adjacent to these study areas or the connection line.

We strongly encourage you to contact the Ministry of Tourism, Culture and Sport, if you have not already done so, in order to determine if there are any other cultural heritage interests which may be affected by this project. In this regard, we recommend that you liaise with Laura Hatcher, Heritage Planner / Acting Team Lead, Land Use Planning, Cultural Services Unit at the Ministry. She can be reached at 416-314-3108 by phone or Laura.Hatcher2@ontario.ca by email.

Should you have any questions, please contact me at 416-325-5019.

Yours truly,

Michael Sawchuck
Manager, Acquisitions and Conservation Services

Copy: Paula Kulpa, Acting Manager, Culture Services Unit, MTCS (by email only)
Laura Hatcher, Heritage Planner/Acting Team Lead, Land Use Planning, Cultural Services Unit, MTCS
(by email only)