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VIA MAIL, EMAIL & RESS

Ontario Energy Board
P.O. Box 2319
27th Floor
2300 Yonge Street
Toronto ON M4P 1E4
Email: boardsec@ontarioenergyboard.ca

Attention: Ms. K. Walli, Board Secretary

Dear Ms. Walli:

Re: Windlectric Inc. – Application for Leave to Construct Transmission Facilities (EB-2014-0300)

Conflicting information regarding route for the proposed transmission facilities

We are counsel to the Association to Protect Amherst Island ("APAI"), which has been granted intervenor status in this proceedings.

We write to request that, prior to rendering any decision in this matter, the Board seek clarification from the applicant, Windlectric Inc. ("Windlectric"), on an important issue concerning the transmission route for its proposed transmission facilities.

In its materials on this leave to construct application, Windlectric Inc. identified a single transmission route for its proposed transmission facilities.[1] However, based on public documents released after written closing submissions were made in this hearing, it appears that Windlectric's proposed transmission facilities may actually take one of two different transmission routes. This can be seen in Appendix "B" to Windlectric's *Modification Report #4*, dated May 2015, a copy of which is enclosed for your convenience.[2] Page 2 of Appendix "B"

[1] See Windlectric Application, Exhibit C
[2] Appendix "B" can also be accessed online at the following link:
http://amherstislandwindproject.com/REA%20Amendment%20Modification%204/REA%20-%20Amendment%20Modification%204%20Report%20Appendix%20B.pdf

includes a map, and the legend to this map identifies “Mainland Option 1” and “Mainland Option 2” (under the sub-category of “Transmission Lines”). Each of these two options corresponds to a distinct path for the proposed transmission facilities, as reflected on the map.

APAI submits that Windlectric must address this apparent discrepancy and clarify whether the transmission route for its proposed transmission facilities remains the single route outlined in its application materials, or whether its plans in that regard have changed and it is now considering (or has decided upon) an alternate route.

The need to address this issue is particularly important in light of the Board’s *Filing Requirements for Electricity Transmission Applications*, which require Windlectric to identify a single proposed transmission route. Section 4.4.3.1 states:

> The Board expects the leave to construct application to be for a single specific route, and that the route will be quite specific from engineering, economic and practical viewpoints. For example, it must be clear which side of the road a line is on, and the specific location of the support towers etc. in relation to affected properties. The route of the line is critical because the Board will only provide leave to construct for a specific route.
>
> Any material deviations to the approved route following Board approval will require further review by the Board. In the course of detailed design and construction some minor deviations from the original route may be required, and the applicant is obligated to advise the Board, which will decide if such changes are of sufficient significance to warrant an examination by the Board and affected parties. Generally changes will be significant if new or existing landowners or public land are affected.

Accordingly, APAI respectfully requests that any decision in this matter should await further information and clarification from Windlectric on the important issue of the transmission route for its proposed transmission facilities.

Yours truly,

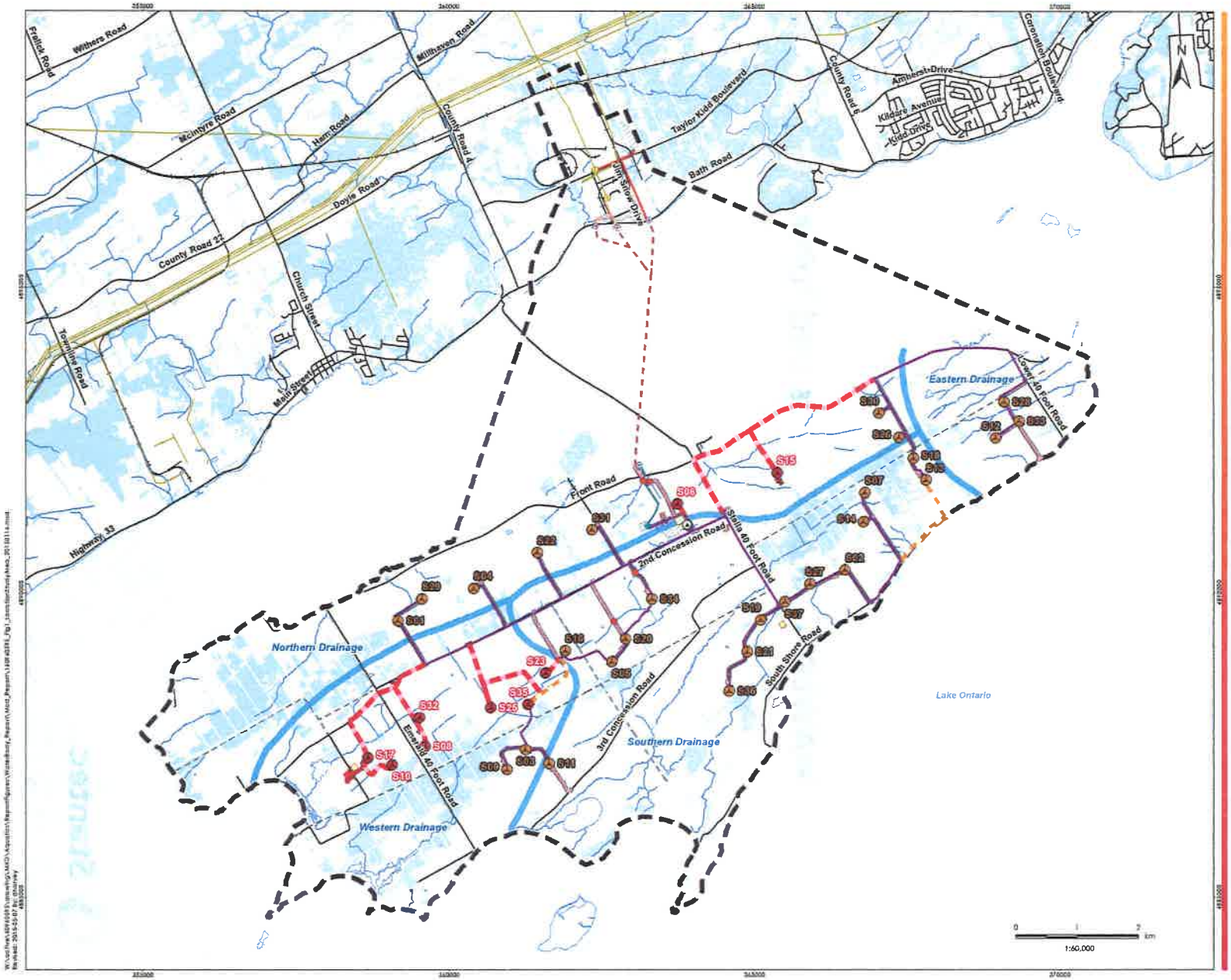
Justin Safayeni
Encl.

c: Jonathan Myers (Torys LLP)
Maia Chase (IESO)
Laurie Kilpatrick (APAI)
Paul Le Vay (Stockwoods LLP)

Appendix B:

WAWBR Revised Figures and Tables

Stantec



Stantec

Legend

- Study Area
- 120m Zone of Investigation

Project Components

- Turbine (No Changes Proposed)
- Turbine (Removed)
- Met Tower - Potential Location (No Changes Proposed)
- Met Tower - Potential Location (Removed)
- Access Road (No Changes Proposed)
- Access Road (Removed)
- Collector Line (No Changes Proposed)
- Collector Line (New)
- Collector Line (Removed)
- Submarine Cable Path
- Laydown Area and Crane Pad (No Changes Proposed)
- Laydown Area and Crane Pad (Removed)
- Operation and Maintenance Building (Potential Location)
- Turbine Blade Tip (No Changes Proposed)
- Turbine Blade Tip (Removed)
- Substation (Potential Location)
- Potential Culvert Location
- Point of Common Coupling
- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
- Constructible Area (No Proposed Changes)
- Constructible Area (Removed)
- Mainland Dock (Potential Location)
- Island Dock
- Batch Plant (Potential Location)
- Site Office (Potential Location)
- Storage Shed

Transmission Lines

- Mainland Option1
- Mainland Option 2
- Island Transmission Line

Land Use

- Central Staging Area
- Switching Station (Potential Location)

Existing Features

- Road
- Unopened Road Allowance
- Railway
- Hydro Line
- Watercourse
- Waterbody
- Wooded Area
- Property Line
- Drainage Area

Notes

1. Coordinate System: NAD 1983 UTM Zone 18N
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2015.

May 2015
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Client/Project

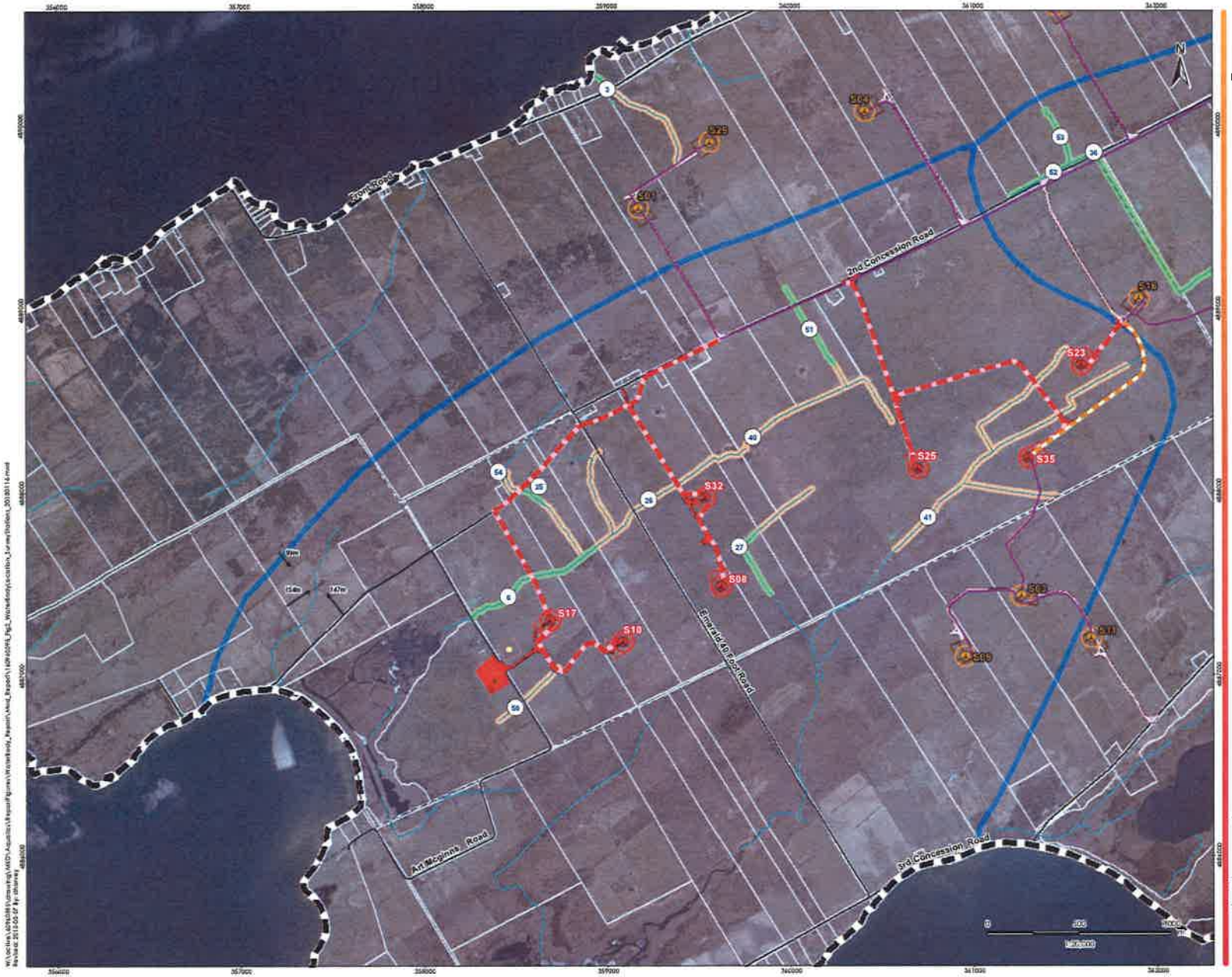
Windlectric Inc.
Amherst Island Wind Energy Project

Figure No.

1

Title

Location of Study Area and Subwatersheds



Stantec

Legend

- Study Area
- 120m Zone of Investigation

Project Components

- Turbine (No Changes Proposed)
- Turbine (Removed)
- Met Tower - Potential Location (No Changes Proposed)
- Met Tower - Potential Location (Removed)
- Access Road (No Changes Proposed)
- Access Road (Removed)
- Collector Line (No Changes Proposed)
- Collector Line (New)
- Collector Line (Removed)
- Submarine Cable Path
- Laydown Area and Crane Pad (No Changes Proposed)
- Laydown Area and Crane Pad (Removed)
- Operation and Maintenance Building (Potential Location)
- Turbine Blade Tip (No Changes Proposed)
- Turbine Blade Tip (Removed)
- Substation (Potential Location)
- Potential Culvert Location
- Point of Common Coupling
- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
- Constructible Area (No Proposed Changes)
- Constructible Area (Removed)
- Mainland Dock (Potential Location)
- Island Dock
- Batch Plant (Potential Location)
- Site Office (Potential Location)
- Storage Shed

Transmission Lines

- Mainland Option1
- Mainland Option 2
- Island Transmission Line

Land Use

- Central Staging Area
- Switching Station (Potential Location)

Existing Features

- Road
- Unopened Road Allowance
- Railway
- Watercourse (modified by Stantec)
- Direction of Flow
- Property Line
- REA Water Body
- Not a REA Water Body
- (1) Water Assessment Station Number
- Drainage Area

Notes

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3. Orthoimagery © First Base Solutions, 2015. Imagery taken in 2008.

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Client/Project

Windlectric Inc.
Amherst Island Wind Energy Project

Figure No.

2 (1 of 4)

Title

Water Body Locations and Water Assessment Survey Stations

Stantec

Legend

- Study Area
- 120m Zone of Investigation

Project Components

- Turbine (No Changes Proposed)
- Turbine (Removed)
- Met Tower - Potential Location (No Changes Proposed)
- Met Tower - Potential Location (Removed)
- Access Road (No Changes Proposed)
- Access Road (Removed)
- Collector Line (No Changes Proposed)
- Collector Line (New)
- Collector Line (Removed)
- Submarine Cable Path
- Laydown Area and Crane Pad (No Changes Proposed)
- Laydown Area and Crane Pad (Removed)
- Operation and Maintenance Building (Potential Location)
- Turbine Blade Tip (No Changes Proposed)
- Turbine Blade Tip (Removed)
- Substation (Potential Location)
- Potential Culvert Location
- Point of Common Coupling
- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
- Constructible Area (No Proposed Changes)
- Constructible Area (Removed)
- Mainland Dock (Potential Location)
- Island Dock
- Batch Plant (Potential Location)
- Site Office (Potential Location)
- Storage Shed

Transmission Lines

- Mainland Option 1
- Mainland Option 2
- Island Transmission Line

Land Use

- Central Staging Area
- Switching Station (Potential Location)

Existing Features

- Road
- Unopened Road Allowance
- Railway
- Watercourse (modified by Stantec)
- Direction of Flow
- Property Line
- REA Water Body
- Not a REA Water Body
- (1) Water Assessment Station Number
- Drainage Area

Notes

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Client/Project

Windlectric Inc.
Amherst Island Wind Energy Project

Figure No.

2 (2 of 4)

Title

Water Body Locations and Water Assessment Survey Stations

Stantec

Legend

- Study Area
- 120m Zone of Investigation

Project Components

- Turbine (No Changes Proposed)
- Turbine (Removed)
- Met Tower - Potential Location (No Changes Proposed)
- Met Tower - Potential Location (Removed)
- Access Road (No Changes Proposed)
- Access Road (Removed)
- Collector Line (No Changes Proposed)
- Collector Line (New)
- Collector Line (Removed)
- Submarine Cable Path
- Laydown Area and Crane Pad (No Changes Proposed)
- Laydown Area and Crane Pad (Removed)
- Operation and Maintenance Building (Potential Location)
- Turbine Blade Tip (No Changes Proposed)
- Turbine Blade Tip (Removed)
- Substation (Potential Location)
- Potential Culvert Location
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- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
- Constructible Area (No Proposed Changes)
- Constructible Area (Removed)
- Mainland Dock (Potential Location)
- Island Dock
- Batch Plant (Potential Location)
- Site Office (Potential Location)
- Storage Shed

Transmission Lines

- Mainland Option1
- Mainland Option 2
- Island Transmission Line

Land Use

- Central Staging Area
- Switching Station (Potential Location)

Existing Features

- Road
- Unopened Road Allowance
- Railway
- Watercourse (modified by Stantec)
- Direction of Flow
- Property Line
- REA Water Body
- Not a REA Water Body
- (1) Water Assessment Station Number
- Drainage Area

Notes

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Client/Project

Windlectric Inc.
Amherst Island Wind Energy Project

Figure No.

2 (3 of 4)

Title

Water Body Locations and Water Assessment Survey Stations

Stantec

Legend

- Study Area
- 120m Zone of Investigation

Project Components

- Turbine (No Changes Proposed)
- Turbine (Removed)
- Met Tower - Potential Location (No Changes Proposed)
- Met Tower - Potential Location (Removed)
- Access Road (No Changes Proposed)
- Access Road (Removed)
- Collector Line (No Changes Proposed)
- Collector Line (New)
- Collector Line (Removed)
- Submarine Cable Path
- Laydown Area and Crane Pad (No Changes Proposed)
- Laydown Area and Crane Pad (Removed)
- Operation and Maintenance Building (Potential Location)
- Turbine Blade Tip (No Changes Proposed)
- Turbine Blade Tip (Removed)
- Substation (Potential Location)
- Potential Culvert Location
- Point of Common Coupling
- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
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Transmission Lines

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- Island Transmission Line

Land Use

- Central Staging Area
- Switching Station (Potential Location)

Existing Features

- Road
- Unopened Road Allowance
- Railway
- Watercourse (modified by Stantec)
- Direction of Flow
- Property Line
- REA Water Body
- Not a REA Water Body
- (1) Water Assessment Station Number
- Drainage Area

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Client/Project

Windlectric Inc.
Amherst Island Wind Energy Project

Figure No.

2 (4 of 4)

Title

Water Body Locations and Water Assessment Survey Stations

Table 3.1 (revised): Summary of mapped watercourses/waterbodies (LJO) in the Zone of Investigation and criteria for REA water bodies - Amherst Island Wind Project

Water Feature	WB Station(s)	NWB Station(s)	Tile No. In Figure 2	Water Body+			Criteria for Screening Out Mapped Watercourses (Not a Water Body)									Comments
				permanent stream	intermittent stream	seep++	No Surface Feature Present	Swale**	Grassed Waterway*	Temporary Channel for Surface Drainage*	Roadside Ditch*	Temporarily Ponded Area Normally Farmed*	Dugout Pond*	Rock Chute*	Other	
Northern Drainage																
	1		2		✓											
		3	1							✓						No defined channel; cow pasture with active grazing.
		21	3							✓						Approx. 50m upstream of road, surficial drainage only (no channel).
Eastern Drainage																
	8		3		✓											
	9		3		✓											
		11	3							✓						
		28	3				✓			✓						
		30	3							✓						
	58		3		✓											
		59	3							✓						
Southern Drainage																
		10	3				✓									Diffuse surficial drainage.
		12	3							✓						Surficial drainage.
		13	3							✓						
		14	3							✓						Diffuse surficial drainage.
		16	2				✓			✓						Shallow furrows for surficial drainage.
		18	2				✓			✓						Not a WB within the Zone of Investigation; surficial drainage.
	19		2	✓												
		20	2								✓					Grassed ditch parallel to 2nd Concession.
	36		2		✓											
	37		2		✓											
	38		2		✓											
		39								✓						Surficial drainage through pasture, turns into a water body at confluence with Miller Drain (but outside of ZOI).

Table 3.1 (revised): Summary of mapped watercourses/waterbodies (LIO) in the Zone of Investigation and criteria for REA water bodies - Amherst Island Wind Project

Water Feature	WB Station(s)	NWB Station(s)	Tile No. in Figure 2	Water Body+			Criteria for Screening Out Mapped Watercourses (Not a Water Body)									Comments
				permanent stream	intermittent stream	seep++	No Surface Feature Present	Swale**	Grassed Waterway*	Temporary Channel for Surface Drainage*	Roadside Ditch*	Temporarily Ponded Area Normally Farmed*	Dugout Pond*	Rock Chute*	Other	
	52		2		✓											
	53		2		✓											Trapezoidal channel.
	60		2		✓											
Western Drainage																
		41	1				✓									No defined channel; pasture.
	51		1		✓											
Mainland																
		M1 Trib	4							✓						
	M2		4		✓											
	M3		4		✓											
	M4		4		✓											
	M9		4		✓											
	M7				✓											
	M10		4		✓											Lower portion near Taylor Kidd Road is not a water body.
		M11	4							✓						
Lake Ontario																
	n/a		2 & 4		Lake											
Seeps																
None	n/a															There were no groundwater seeps identified in the Project Location.

+ if all three criteria are 'no', then the feature is not a water body
++ a site of emergence of ground water where the water table is present at the ground surface, including a spring
** low lying feature with no defined channel and not dominated by aquatic vegetation
* as per REA Definition O. Reg 359/09
WB = Water Body
NWB = Non-Water Body

Table 3.2 (revised): Summary of Water Bodies and Project Components

Water Body	Crossing Class		Within 120 m				Fish Habitat	
	Access Road[a]	Collector Line	Turbine[b]	Access Road[a]	Collector Line	Substation/Switching Station/MET Tower	Direct Permanent (P) or Seasonal (S)	Indirect
Northern Drainage								
Station 1	S06 crosses twice	1	-	Dock	-	-	S	
Eastern Drainage								
Stations 30 and 58	-	1	-	-	-	-	S	
Station 9	-	1	-	-	-	-	S	
Station 8	-	1	-	S28	-	-	S	
Southern Drainage								
Station 19	-	1	-	-	-	-	P	
Stations 52, 36, 38, 34 and 35	S20	2	S34	S16	-	-	P	
Station 37 and 60	S34	-	-	-	-	-	S	
Station 53	-	1	-	S16	-	-	S	
Western Drainage								
Station 51	-	1	-	-	-	-	S	
Mainland								
Option 1								
M2					1		S	
M3		1					S	
M4/M9					1		S	
Option 2								
M2						1	S	
Lake Ontario								
Mainland	Facilities Dock and Submarine Cable Landing Area						P	
Island	Facilities Dock and Submarine Cable Landing Area						P	
Offshore	Submarine Cable on Lake Bottom						P	

[a] includes crane path and underground collector line

[b] turbine plus associated laydown area

Table 4.2 (revised):	Summary of Water Bodies Within the 120 m Zone of Investigation				
Reach ID[a]	**Site Description**	**Proposed Works[a][b]**	**Potential Impacts**	**Mitigation**	**Net Effects[c]**
Northern Drainage					
Tributary Associated with Station 1	Intermittent flow dominated by flat morphology. Bankfull width = 3 m. Water depth = 20 cm. Substrate = silt and gravel . Fished May 2011 (Stantec). Seasonal fish habitat.	Crossed twice by access road to Turbine S06 and once by a proposed collector line. Potential submarine cable landing area and dock to be located within 120 m of water body providing fish habitat.	Construction activities associated with the installation of the turbine access roads and culverts may affect the reach (e.g. Temporary increase in surface water turbidity due to runoff during construction (Section 5.1 and 5.2.) Construction activities within the constructible area of the cable landing and dock may affect the reach despite being outside of the constructible area (e.g. Temporary increase in surface water turbidity due to runoff during construction. (Section 5.1.)	See Sections 6.1, 6.2, 6.3. Follow DFO Operational Statement (OS) for Overhead Line Construction, Directional Drilling or Punch and Bore Crossings (Appendix E)	New access road culvert. As per preliminary agency consultation, effects of a culvert at this location can be mitigated. DFO consultation is ongoing and the Project will comply with required permits and/or conditions.
Eastern Drainage					
Tributary Associated with Station 30/58	Intermittent dry at the time of the field investigation. Bankfull width = 5 m. Water depth = n/a. Substrate = limestone bedrock, silt and detritus. Seasonal fish habitat .	Crossed by a proposed collector line along Front Road.	With the exception of standard construction activities, collector line crossings of a water body should not affect the reach outside the constructible area (see Sections 5.1, 5.3).	See Sections 6.1 and 6.3. Follow DFO OS for Overhead Line Construction, Directional Drilling or Punch and Bore Crossings (Appendix E).	None expected.
Tributary Associated with Station 9	Intermittent flow dominated by run and flat morphology, with occasional pools and riffles . Bankfull width = 4 m. Water depth = 30 cm. Substrate = bedrock, silt, gravel and detritus. Seasonal fish habitat .	Crossed by a proposed collector line along Lower 40 Foot Road.	With the exception of standard construction activities, collector line crossings of a water body should not affect the reach outside the constructible area (see Sections 5.1, 5.3).	See Sections 6.1 and 6.3. Follow DFO OS for Overhead Line Construction, Directional Drilling or Punch and Bore Crossings (Appendix E).	None expected.
Tributary Associated with Station 8	Intermittent flow dominated by pool and flat morphology . Bankfull width = 4 m. Water depth = 20 cm. Substrate = bedrock, silt, gravel and detritus. Seasonal fish habitat .	Crossed by a proposed collector line along Lower 40 Foot Road.	With the exception of standard construction activities, collector line crossings of a water body should not affect the reach outside the constructible area (see Sections 5.1, 5.3).	See Sections 6.1 and 6.3. Follow DFO OS for Overhead Line Construction, Directional Drilling or Punch and Bore Crossings (Appendix E).	None expected.
Southern Drainage					
Tributary Associated with Station 19	Permanent Flow dominated by run and flat morphology. Bankfull width = 4 m. Water depth = 60 cm to >1.5 m. Substrate = Silt and detritus. Fish habitat.	Crossed by a proposed collector line along Stella 40 Foot Road.	With the exception of standard construction activities, collector line crossings of a water body should not affect the reach outside the constructible area (see Sections 5.1, 5.3).	See Sections 6.1 and 6.3. DFO OS for Overhead Line Construction, Directional Drilling or Punch and Bore Crossings (Appendix E).	None expected.

Table 4.2 (revised):	Summary of Water Bodies Within the 120 m Zone of Investigation				
Reach ID[a]	**Site Description**	**Proposed Works[ab]**	**Potential Impacts**	**Mitigation**	**Net Effects[c]**
Miller Municipal Drain (Stations 52, 36, 38, 34 and 35)	Permanent flow dominated by pool and flat morphology (downstream areas). Upstream areas (Stns 52, 36, 38) are intermittent. Bankfull width = 3 to 15 m. Water depth = 15 cm. Substrate = Silt and clay. Fish habitat.	Crossed by an access road to Turbine S20 and twice by a proposed collector line along 2nd Concession Road. Turbine S34, underground collector line and access road to S16 to be located within 120 m of water body providing fish habitat. Turbine S34 is located 106 m from a water body.	Construction activities associated with the installation of the turbine and turbine access roads may affect the reach (e.g. Temporary increase in surface water turbidity due to runoff during construction See Section 5.1 and 5.2). With the exception of standard construction activities, collector line crossings of a water body should not affect the reach outside the constructible area (see Sections 5.1, 5.3).	See Sections 6.1, 6.2, 6.3/6.4. Follow DFO OS for Overhead Line Construction, Directional Drilling or Punch and Bore Crossings (Appendix E).	New access road culvert. As per preliminary agency consultation, effects of a culvert at this location can be mitigated. DFO consultation is ongoing and the Project will comply with required permits and/or conditions.
Tributary Associated with Station 37/60	Intermittent flow dominated by float morphology. Bankfull width = 4 m. Water depth = 20 cm. Substrate = Silt and clay. Seasonal fish habitat.	Crossed by an access road to Turbine S34.	Construction activities associated with the installation of the turbine access roads may affect the reach (e.g. Temporary increase in surface water turbidity due to runoff during construction (Section 5.1 and 5.2).	See Sections 6.1 and 6.2.	New access road culvert. As per preliminary agency consultation, effects of a culvert at this location can be mitigated. DFO consultation is ongoing and the Project will comply with required permits and/or conditions.
Tributary Associated with Station 53	Intermittent flow that was dry at the time of the field investigation. Bankfull width = 1.5 m. Water depth = n/a. Substrate = silt, clay and muck. Seasonal fish habitat.	Located within 120 m of a proposed collector line.	With the exception of standard construction activities, collector lines located within 120 m of a water body should not affect the reach outside the constructible area (see Section 5.1).	See Section 6.1.	None expected.
Western Drainage					
Tributary Associated with Station 51	Likely intermittent flow dominated by pool and flat morphology. Bankfull width = 2.2 m. Water depth = 15 cm. Substrate = sand, silt, clay and detritus. Likely seasonal fish habitat.	Crossed by a proposed collector line.	With the exception of standard construction activities, collector line crossings of a water body should not affect the reach outside the constructible area (see Sections 5.1, 5.3).	See Sections 6.1 and 6.3. Follow DFO OS for Overhead Line Construction, Directional Drilling or Punch and Bore Crossings (Appendix E)	None expected.
Mainland					
Tributary Associated with Station M2	Intermittent flow that was dry at the time of the field visit. Bankfull width = 1.5 m. Water depth = dry. Substrate = Silt, muck, sand, cobble and detritus. Seasonal fish habitat.	*Option 1* Located within proposed Laydown Area *Option 2* Located within 120 m of a proposed collector line and dock location.	With the exception of standard construction activities, collector lines and docks located within 120 m of a water body should not affect the reach outside the constructible area (see Section 5.1).	See Section 6.1.	None expected.
Tributary Associated with Station M3	Intermittent flow that was dry at the time of the field visit. Bankfull width = 1 m. Water depth = dry. Substrate = soil. Seasonal fish habitat.	*Option 2* Crossed by a proposed collector line.	With the exception of standard construction activities, collector line crossings of a water body should not affect the reach outside the constructible area (see Sections 5.1, 5.3).	See Sections 6.1 and 6.3. Follow DFO OS for Overhead Line Construction, Directional Drilling or Punch and Bore Crossings (Appendix E)	None expected.

Table 4.2 (revised):	Summary of Water Bodies Within the 120 m Zone of Investigation				
Reach ID[a]	**Site Description**	**Proposed Works[a,b]**	**Potential Impacts**	**Mitigation**	**Net Effects[c]**
Tributary Associated with Station M9/M4	Likely intermittent flow, dominated by flat and pool morphology. Bankfull width = 2 m. Water depth = 15 cm. Substrate = silt, clay, marl, muck and detritus. Likely seasonal fish habitat.	*Option 2* Within 120 m of a proposed collector line.	With the exception of standard construction activities, collector line crossings of a water body should not affect the reach outside the constructible area (see Section 5.1).	See Section 6.1.	None expected.
Lake Ontario					
Amherst Island Shoreline	Littoral zone of Lake Ontario. Bedrock with scattered cobble and sparse vegetation. Habitat for warmwater fish species.	Dock and Cable Landing Final dock design - to be determined (no infilling required). Cable landing area – bury cable in trench to approx. 100 m from the average high water mark; clamshell armour to be used from end of trench to 3 m depth (under average water level conditions?)	Dock construction and operation – Section 5.4. Cable Landing – Section 5.5.	See Sections 6.4 and 6.5.	New dock structure on island shoreline; although there will be a permanent footprint of the dock footings, effects can be mitigated. DFO consultation is ongoing and the Project will comply with required permits and/or conditions..
Mainland Shoreline	Littoral zone of Lake Ontario. Habitat for warmwater fish species at all three locations. *West Option*: Sand. *Centre Option*: Sand and cobble with scattered vegetation. *East Option*: Predominantly sand with scattered vegetation; steeper slope relative to the West and Centre options. *Optional Cable Landing*: Sand with patchy vegetation; gradual slope.	Dock and Cable Landing Final dock design - to be determined (no infilling required). Cable landing area – bury cable in trench to approx.100 m from the average high water mark; clamshell armour to be used from end of trench to 3 m depth (under average water level conditions).	Dock construction and operation – Section 5.4. Cable landing – Section 5.5.	See Sections 6.4 and 6.5 and DFO OS for Underwater Cables (Appendix E).	New dock structure on shoreline; although there will be a footprint of the dock footings, effects can be mitigated. DFO consultation is ongoing and the Project will comply with required permits and/or conditions..
Offshore	Deepwater zone of Lake Ontario.	Submarine cable on lake bottom (115 kV, 180 mm diameter [approx.] 4 km long [approx.]). Clamshell armour at MTO air bubbler.	General construct impacts, temporary disturbance to lake bed – Section 5.5. Operation – Section 5.5.	Section 6.5 and see DFO OS for Underwater Cables (Appendix E).	None Expected.

a see **Figures 2, 4 and 5 (Appendix A)**

b the Project is planning to bury the collector lines unless requested otherwise by the Township; construction method to bury the collector line is not known at the time of report preparation (i.e. drilling vs. open cut)

c assumes all mitigation measures are implemented and successful

Table 4.3: Water Bodies that provide fish habitat where in-water work is required

	Fish Habitat Type	
Reach ID	**Direct**	**Indirect**
Northern Drainage		
Station 1 (Access Road to Turbine S06)	X (seasonal)	
Southern Drainage		
Miller Municipal Drain - Stations 52, 38, 34 and 35 (Access Road to Turbine S20)	X	
Station 37/60 (Access Road to Turbine S34)	X (seasonal)	
Lake Ontario		
Island – nearshore area (Dock and Cable Landing)	X	
Mainland – nearshore area (Dock and Cable Landing)	X	