

From: Mike Bingham (Cambium)

Sent: October-30-17 9:24 AM

To: Dave Thompson (Loyalist Township); Jim Klaver (County of Lennox & Addington)

Cc: Raffael, Chris (MOECC); Kayla Vandebroek (Cambium); Puddister, Deidre (Pennecon); Dopson, Eric (Pennecon); Cameron MacDougall (Cambium)

Subject: Notification of dewatering for construction site activities under O.Reg.63/16 at Amherst Island Wind Energy Project

This is the third notification provided under Ontario Regulation 63/16. This email provides formal notification of a water taking activity under Ontario Regulation 63/16 – Part III – Water Taking for Construction Site Dewatering. Our Client, Pennecon Heavy Civil Ltd. is undertaking the construction component of the Amherst Island Wind Energy Project which may require dewatering of excavations to support the installation of infrastructure. Under Ontario Regulation 63/16 and in accordance with MOECC direction, Pennecon has registered for water taking for the purpose of construction site dewatering. The entire project is under one registration and includes any excavation required as part of the construction on both the island and mainland.

As per Section 9.(1).ii. ii. of the regulation.

the person proposing to engage in the activity has given written notice that includes the information set out in subsection (4) to;

A. the upper-tier and lower-tier municipalities or the single-tier municipality, as the case may be, within whose area of jurisdiction the proposed water taking is located, and

B. any conservation authority within whose area of jurisdiction the proposed water taking is located

Subsection (6) requires notifications to include the following information.

(6) The following information must be included in a notice referred to in subparagraph 1 iii of subsection (1):

- 1. The name of the person proposing to engage in the activity.*
- 2. The dates on which the activity is to occur.*
- 3. An identification of the method of transfer or discharge referred to in paragraph 4 of subsection (1) that is to be employed.*
- 4. If the method of transfer or discharge referred to in paragraph 3 is discharge to land, the location of the discharge.*

As per the Regulation's notification requirements, Cambium Inc, operating under contract to Pennecon Heavy Civil Ltd. to provide permitting support, has prepared this notification on behalf of Pennecon Heavy Civil Ltd. whom will be engaging in the activity of water taking for construction site dewatering purposes. The activity will start on or after October 30th, 2017 and be undertaken as needed until the completion of construction activities related to the Amherst Island Wind Energy Project or December 31st, 2018 whichever comes first.

There are several locations planned for this water taking and discharge on both the mainland and the island. The following is a list of locations and methods:

Excavation	Dewatering Location		Discharge Location		Discharge Method
	Northing (m)	Easting (m)	Northing (m)	Easting (m)	
Turbine S05	4,888,875	362,668	4,888,884	362,567	To Surface
Turbine S20	4,889,242	362,903	4,889,280	362,860	To Surface
Turbine S31	4,891,021	362,342	4,890,986	362,264	To Surface
Turbine S34	4,889,826	363,266	4,889,828	363,368	To Surface
Mainland Submarine Cable Trench (S)	4,895,973	362,751	N/A	N/A	Hauled
Mainland Submarine Cable Trench (N)	4,896,086	362,699	N/A	N/A	Hauled
Mainland Switching Station	4,896,475	362,537	N/A	N/A	Hauled
Mainland Pole PML1	4,896,101	362,693	N/A	N/A	Hauled
Mainland Pole PML2	4,896,186	362,634	N/A	N/A	Hauled
Mainland Pole PML3	4,896,265	362,593	N/A	N/A	Hauled
Mainland Pole PML4	4,896,375	362,552	N/A	N/A	Hauled
Mainland Pole PML5	4,896,451	362,514	N/A	N/A	Hauled
Island Submarine Trench	4,892,087	363,104	TBD	TBD	To Surface
Turbine S22	4,890,656	361,447	4,890,680	361,472	To Surface
Turbine S37	4,889,855	365,501	4,889,887	365,478	To Surface
Turbine S01	4,889,551	359,172	TBD	TBD	To Surface
Turbine S02	4,890,372	366,488	TBD	TBD	To Surface
Turbine S03	4,887,430	361,256	TBD	TBD	To Surface
Turbine S04	4,890,076	360,407	TBD	TBD	To Surface
Turbine S07	4,891,638	366,812	TBD	TBD	To Surface
Turbine S09	4,887,104	360,951	TBD	TBD	To Surface
Turbine S11	4,887,206	361,641	TBD	TBD	To Surface
Turbine S13	4,891,843	367,815	TBD	TBD	To Surface
Turbine S14	4,891,157	366,790	TBD	TBD	To Surface
Turbine S16	4,889,060	361,904	TBD	TBD	To Surface
Turbine S18	4,892,193	367,607	TBD	TBD	To Surface
Turbine S19	4,889,563	365,107	TBD	TBD	To Surface
Turbine S21	4,889,039	364,881	TBD	TBD	To Surface
Turbine S26	4,892,536	367,372	TBD	TBD	To Surface
Turbine S27	4,890,146	365,916	TBD	TBD	To Surface
Turbine S28	4,893,127	369,091	TBD	TBD	To Surface
Turbine S29	4,889,905	359,562	TBD	TBD	To Surface
Turbine S30	4,892,941	367,040	TBD	TBD	To Surface
Turbine S33	4,892,805	369,336	TBD	TBD	To Surface
Turbine S36	4,888,396	364,588	TBD	TBD	To Surface
Note: All UTM's are in Zone 18T					
TND : Too be determined - will be provided in Discharge Plan once completed					
N/A: where water is to be hauled off site					

For more information, please refer to the link below.

Link to Ontario E-Laws website for more detailed information on the regulation.
<https://www.ontario.ca/laws/regulation/160063>

Cheers,

Mike Bingham, P.Geol
Sr Project Manager – Hydrogeologist
Cambium Inc.