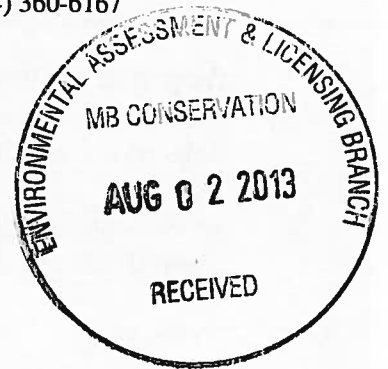




P.O. Box 7950 Stn Main • Winnipeg Manitoba Canada • R3C 0J1  
Telephone/ N° de téléphone: (204) 360-4394 • Fax/ N° de télécopieur: (204) 360-6167  
SJohnson@hydro.mb.ca

August 1, 2013

Elise Dagdick  
Environmental Approvals Branch  
Manitoba Conservation and Water Stewardship  
Suite 160, 123 Main Street  
Winnipeg, MB R3C 1A5



Dear Ms. Dagdick:

**Re: Lake Winnipeg East System Improvement TL project**

This letter is in response to your email of May 13, 2013, requesting additional information on the above project.

**Required Additional Information:**

1. Will the proponent be employing bird strike mitigation measures along this altered portion of the route? Chapter 6.8 of the Wildlife Technical Report outlines that the proponent may use bird diverters and aerial markers in high traffic bird areas. Wildlife Branch would like clarification as to whether the proponent considers this site to be a high traffic bird area, and if so what type of bird diversion techniques they plan to employ.

**Response:** Manitoba Hydro will use Swan Flight™ style bird diverters. This is the standard that hydro uses and has been tested on the Wuskwatim transmission line. The line will also include aerial markers as required by Transport Canada.

2. Can the river crossing be built so that towers are not right adjacent to the river (ideally 30 m from the shoreline)?

**Response:** On the North Side of Winnipeg River, the tower can be at least 30 m away from the edge of the water.

On the South Side of the Winnipeg River, Manitoba Hydro cannot place the tower 30 m back from the waters' edge without modifying one or more of the south lines, due to the location of the egress of the proposed line (see attached map). The towers can be placed at least 15 m from the water's edge without any disruption to the surrounding area and lines.



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As part of the Environmental Protection Plan for the proposed project, mitigation measures (erosion and sediment control) will be outlined to reduce the potential of deleterious substances entering the waterway.

In closing, should you require more information or have any questions, please contact Dave Block at 360-7353.

Yours truly,

A handwritten signature in cursive script that reads 'Shannon Johnson'.

Shannon Johnson, Manager  
Licensing & Environmental Assessment Department,  
Transmission Planning & Design  
Transmission

**Point Du Bois  
Transmission Project**

- Study Area
- Aboriginal Lands (NRCAN)
- Transmission Lines
  - 0KV
  - 69KV
  - 115KV
  - 138KV
  - 230KV
  - 500KV
- Distribution and Sub Transmission Network
- Parks Provincial Outline
- Wildlife Management Areas



Location of termination

Existing towers

PME4

**Pine Falls Station**



Coordinate System: Web Mercator Auxiliary Sphere  
 Data Source: Orientis  
 Date Created: 30-Jul-2013



Draft: For Discussion Purposes Only