

What about health & safety?

Health and safety are paramount to Xplornet Communications. Health Canada has established electromagnetic exposure guidelines, known as Safety Code 6, to ensure the safe operation of wireless antenna installations. Xplornet Communications ensures that all of its facilities operate well below the allowable limits measured, taking into account all pre-existing sources and combined effects of additional carrier co-locations; in fact, this site will be thousands of times below the allowable limits.

Xplornet Communications attests that the radio antenna system described in this notification package will be constructed in compliance with the National Building Code of Canada which includes all applicable CSA Radio Communications Regulations.

Regulatory and consultative procedures for communications antennas can be found in ISED Canada's CPC 2-0-03 Issue 5 (updated in 2014).

Xplornet Communications attests that the radio antenna system described in this notification package will comply with Transport Canada / NAV Canada aeronautical safety requirements. Both Transport and NAV Canada have yet to complete their review of the proposal.

The proposed facility would include one 10 x 10-metre compound with chain-link and barbed wire-topped fencing installed around the base of the tower and equipment shelter(s), and would include one locked gate access point.

What about the environment?

Xplornet Communications attests that the radio antenna system described in this notification package is exempt from the *Canadian Environmental Assessment Act*.

Health Canada's Safety Code 6:
http://www.hc-sc.gc.ca/ewh-semt/pubs/radiation/radio_guide-lignes_direct/index-eng.php

How do I get involved?

Xplornet Communications is committed to effective public consultation. More information about the proposal is available by contacting us via the information below. You are also invited to provide comments or inquiries to Xplornet Communications about this proposal by mail, electronic mail, or fax.

In order to ensure your comments or questions are considered, you must respond by close of business (4:30p.m.) **October 16, 2017** to:

FONTUR International Inc.
70 East Beaver Creek Road, Suite 22
Richmond Hill, ON L4B 3B2
Fax: 866-234-7873
Email:
ON7505.xplornet.info@fonturinternational.com

Your ISED/Federal Government contact

ATTENTION: Tower Issue – 15 Allen Street, Huron Shores, ON—ON7505

Spectrum Management - Northern & Eastern Ontario District Office
2 Queen Street East
Sault Ste. Marie ON P6A 1Y3
Telephone: 1-855-465-6307
Fax: 705-941-4607
Email: ic.spectrumenod-spectredeno.ic@canada.ca

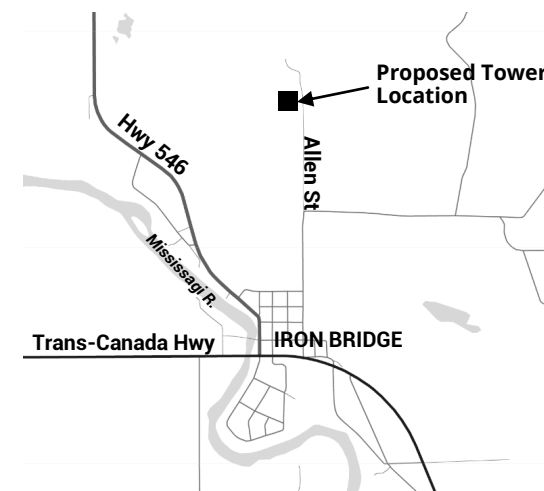
For more information

General information from ISED Canada:
<http://strategis.ic.gc.ca/antenna>



Community Notification

For a 45m Internet Tower
Located at:



**15 Allen Street,
Iron Bridge, Huron Shores, ON**

Site Code ON7505

Your local land use authority

In recognition of the Federal Government's exclusive jurisdiction and in an attempt to promote balance, Innovation, Science and Economic Development (ISED) Canada (formerly Industry Canada) requires that proponents of communication facilities consult with land use authorities as part of their licensing process. The requirement to consult can be found in ISED's document, Client Procedure Circular (CPC) 2-0-03. The purpose of consultation, as outlined in CPC 2-0-03, is to ensure that land use authorities are aware of significant antenna structures and/or installations proposed within their boundaries and that antenna systems are deployed in a manner which considers local surroundings.

Consultation must respect the Federal Government's exclusive jurisdiction. Zoning by-laws and site plan approvals do not apply to these facilities, and a building permit is not required.

Xplornet Communications is committed to consultation with the local land use authority (the Municipality of Huron Shores) and its residents in accordance with ISED Canada's requirements.

This public notification has been designed to provide all the necessary information as required by ISED and the Municipality of Huron Shores to those properties that fall within a circulation radius of 150m, measured from the tower base.

Location Map



Why is a new tower required?

A radio antenna and tower are the two most important parts of a radio communication system. The antenna is needed to send and receive signals for the radio station. The tower raises the antenna above obstructions such as trees and buildings so that it can send and receive these signals clearly.

Each radio station and its antenna system (including the tower) provide internet coverage to a specific geographic area. The antenna system must be carefully located to ensure that it provides a good signal over the whole area, without interfering with other stations. Where the cells are larger, the antennas must be higher above the ground level in order to provide good radio coverage for the whole area.

In this case, Xplornet Communications radio-frequency engineers have determined the need for new antennas in the area in order to adequately provide contiguous coverage and service to customers near Iron Bridge and throughout Huron Shores. Xplornet Communications chose this site to avoid problematic situations for customers such as poor data quality, dropped signal, and slow service speeds. The proposed tower will be part of a network aimed at providing download speeds of up to 25 Mbps over Xplornet's 4G/LTE equipment.

Where will it be located?

The proposed site of the tower is at 15 Allen Street, approximately 860 metres north of the intersection of Allen Street and Chiblow Lake Road.

The geographic coordinates for the site are:
Latitude (NAD 83) N 46° 17' 47.26"
Longitude (NAD 83) W 83° 13' 5.75"

Xplornet Communications strongly supports co-location on existing towers and structures. The use of existing structures minimizes the number of new towers required in a given area and is generally a more cost effective way of doing business.

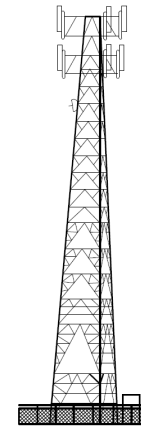
Unfortunately in this case, the existing tower to the north of the proposed site were not designed to be reinforced to accommodate Xplornet's equipment in a cost-effective and time-sensitive manner.

What will it look like?

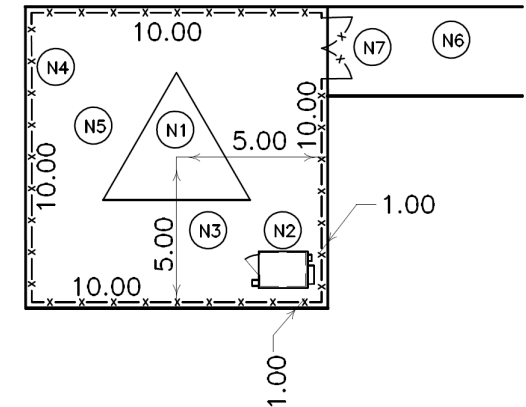
Xplornet Communications is proposing a 45-metre lattice tri-pole tower to improve upon the overall poor coverage in your area.

Below is a profile drawing of the proposed tower, as well as a preliminary compound layout drawing.

Tower Profile



Compound Layout



- N1** - Proposed lattice tri-pole
- N2** - Proposed radio-equipment shelter
- N3** - Hydro connection/routing TBD
- N4** - Proposed 2.4m-high chain-link security fence
- N5** - Finished gravel surface within compound
- N6** - Gravel access way
- N7** - Proposed chain link gate