



Montreal March 27<sup>th</sup>, 2025

**Public consultation**

GA797-08VL Ch. du Lac-des-Esclaves - Harrington

Dear Sir, Madam

In Fall 2010, Videotron launched a highly advanced wireless service network, which today has over 2 million customers. Videotron wishes to advise you that it plans to build a new telecommunications tower in the municipality of Harrington.

This site will be an important link in Videotron's new network, which will deliver unprecedented services and offerings for consumers. The work will consist of erecting a tower, building an access road and clearing ground area for shelters and telecommunications equipment.

This notice is being issued in accordance with the Innovation Science and Economic Development Canada (ISED) Client Procedures Circular entitled "Radiocommunication and Broadcasting Antenna Systems" (CPC-2-0-03), in force since January 1<sup>st</sup>, 2008 (6<sup>th</sup> version, July 2022), which governs the installation of telecommunications equipment.

Videotron therefore wants to inform you of the details of this project and consult with you. We invite you to look at the attached document, which contains all the relevant information required under the Industry Canada process.

We are committed to working with communities for the largest roll-out of wireless technology in Québec in recent years. Please do not hesitate to contact us if you have any questions or require further information about this project. Note that under the public consultation process, you have 30 days following receipt of this letter to forward any comments you may have in writing to the following address. Please quote the reference number shown at the top of this page:

Videotron  
Permits & Municipal Affairs Department, Technology Deployment  
612, Saint-Jacques Street, 10th floor, north side  
Montreal, Quebec H3C 4M8  
Or by e-mail

Or send an e-mail to [CPC@videotron.com](mailto:CPC@videotron.com) quoting site reference: GA797-08

Sincerely yours,

Videotron

## Information Sheet – Public Notice

### Introduction

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This sheet provides public information concerning plans to build a new guyed telecommunication antenna system of 90 meters height (95 meters height above ground including structure height with the base and the lighting rod) on the territory of the municipality of Harrington. The proposed system will be located approximately 2.95 km northeast of the intersection of Chemin de la Rivière Rouge and Chemin Harrington on lot 6 210 877.

The geographic coordinates (NAD 83) for the site are as follow;  
Latitude N45°47'56,94" ou 45.799150°. Longitude W-74°36'38,92" ou -74.610813°.

Vidéotron wants to construct the tower as part of its wireless network deployment following the acquisition of spectrum licences by Quebecor Media. Vidéotron's network will deliver unprecedented state-of-the-art mobile services of exceptional quality to all customers.

### Coverage area, coverage objectives and use of existing facilities

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In order to provide suitable coverage in all areas, Vidéotron is planning to build a new tower in the Municipality of Harrington.

The structure will serve to achieve Vidéotron's coverage and performance targets, with the objective of meeting customer expectations and satisfying Innovation Canada's licensing conditions. Vidéotron is committed to offering customers the best possible wireless network.

This information sheet describes the coverage area, coverage objectives and the technical considerations that led to the choice of site.

When choosing a site, Vidéotron begins by looking at existing structures on which its equipment could be installed. All options are considered: rooftops, structures that could be shared with other telecommunications carriers or utilities, electricity pylons, smokestacks, water towers, even church steeples. This approach saves time, money and also helps prevent the proliferation of new structures.

However, it is not always possible to use existing structures due to technical considerations and it is sometimes necessary to install new structures.

In the present case, as no existing structure within the required area provides sufficient height, it is necessary for Vidéotron to install a new structure to achieve the desired coverage.

## Characteristics of site and of proposed structure:

### Tower characteristics

## Construction of new telecommunication towers

**Site :** GA797-08    **Site name :** VL Ch. du Lac-des-Esclaves - Harrington

#### Location

Address : Chemin du Lac des Esclaves

#### NAD83

DD MM SS.ssss decimal

Longitude -74° 36 38.92" , -74.610813

Latitude 45° 47 56.94" , 45.799150

#### Proposed tower

Type : Guyed

Above ground height (meters) : 90

Coverage Rating : A

#### Coverage objectives

- ☒ Covering addresses in a radius of 3km to 4km, including Lac des Esclaves.
- ☒ Covering the roads 327 for 2km to 3km.
- ☒ Covering paths and addresses in the Harrington Valley
- ☒ Provide continuous coverage with neighboring sites.
- ☒ Maximize the transmission rate offered for the data service.

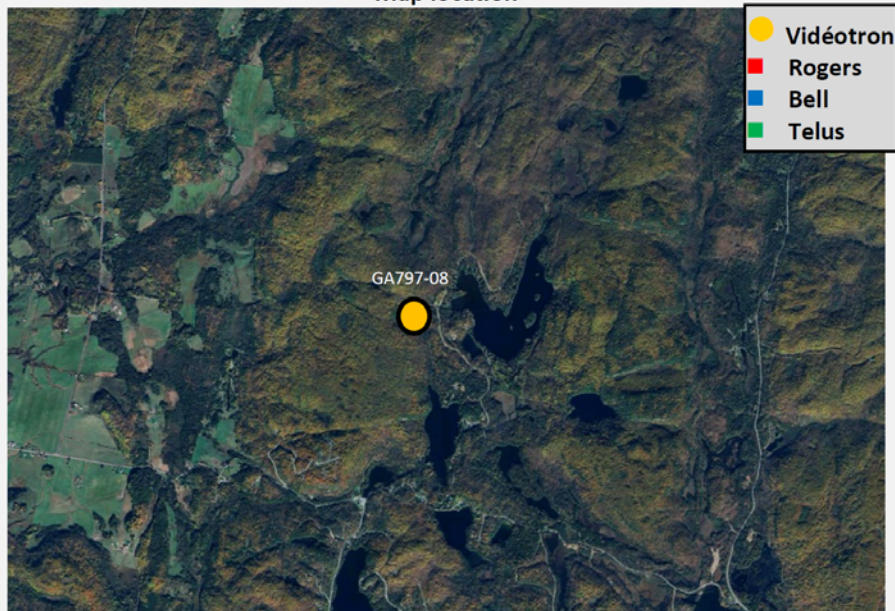
#### Telecom towers studied

Owner	Address	Height / Analysis	Coverage Rating	Status
N/A	N/A	-/-	N/A	N/A

#### Reason for rejection

N/A

#### Map location



#### Commentary

*The new tower will permit the use of actual and future RF technologies.*

*The new tower will be able to offer colocation to other operators.*

*The new tower has the best possible location to offer optimal services.*

## **Site selection and harmonization with immediate environment**

A telecommunications site's performance depends on a variety of factors and a thorough analysis involving complex simulations is carried out before a site is chosen. This analysis must consider numerous factors that can affect radio signals, such as the required elevation, the sight lines to the target areas, overlap with neighbouring sites, bodies of water, topography, etc.

The site in question was therefore selected based on an analysis of this type, as well as consideration of external constraints such as applicable regulations and the availability of space on existing structures. The final siting decision is always made with a view to covering as many customers as possible with the fewest possible new structures.

As a Quebec-based company with deep roots in its community, Videotron is making considerable efforts to ensure that its new facilities will blend harmoniously into the local environment.



## Description of the antennas:

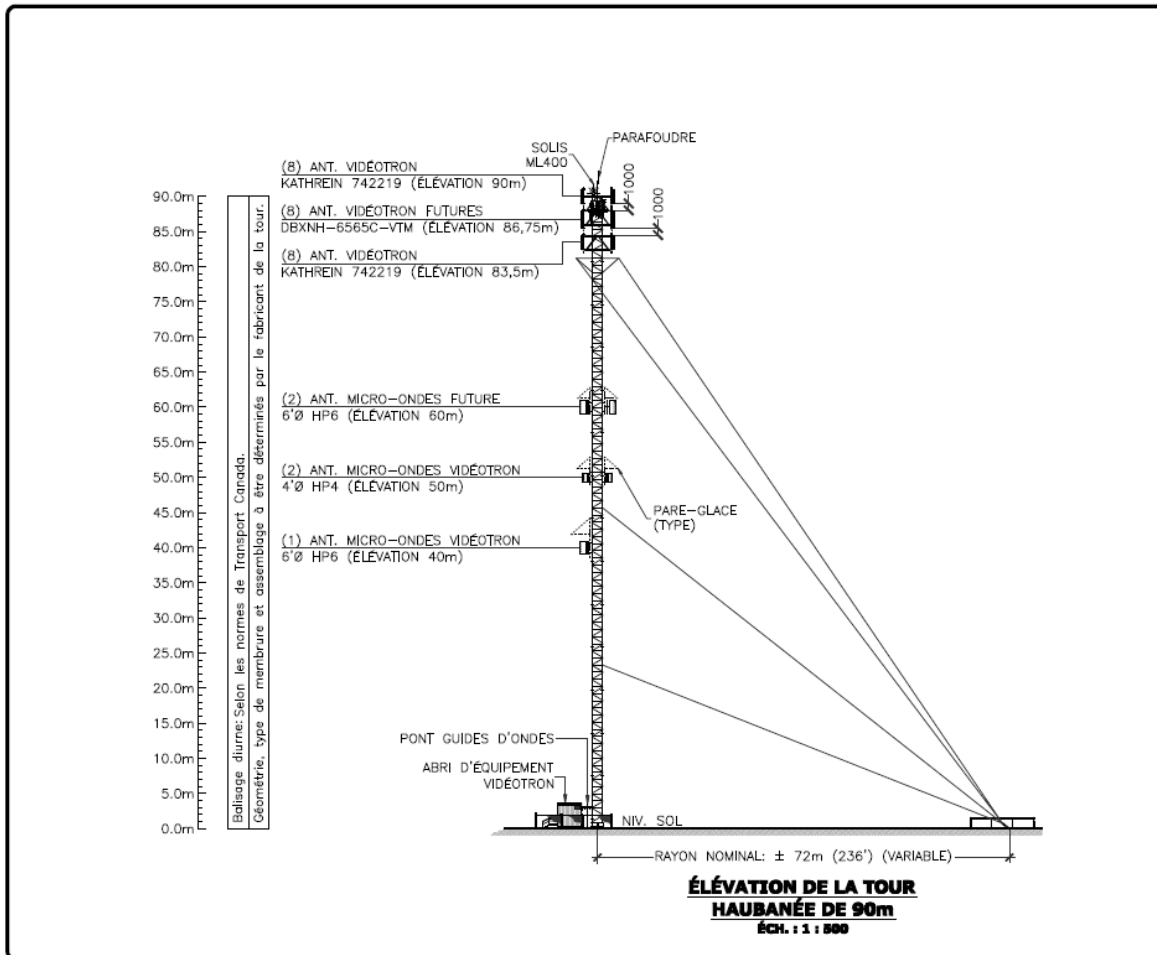
Projet : GA797-08 (VL Ch. du Lac-des-Esclaves - Harrington) Site : GA797-08

Configuration Planifiée

**Liste des antennes**

Nom	Fabricant	Modèle	Dimensions	Hauteur	Azimut	Tilt Mécan.	Technologie	Emplacement
V121	Prose	2D4WD-N-21	2090x498x219	90	70	2	LTE-A B71, NR N71, LTE-A B66, NR N66, LTE-A B13	
V122	Prose	2D4WD-N-21	2090x498x219	90	190	2	LTE-A B71, NR N71, LTE-A B66, NR N66, LTE-A B13	
V123	Prose	2D4WD-N-21	2090x498x219	90	310	2	LTE-A B71, NR N71, LTE-A B66, NR N66, LTE-A B13	
VA011	Samsung	MT6424-77A	850x400x200	90	70	4	NR N77, NR N78	
VA021	Samsung	MT6424-77A	850x400x200	90	190	4	NR N77, NR N78	
VA031	Samsung	MT6424-77A	850x400x200	90	310	4	NR N77, NR N78	
V401	Andrew	VHLP3-18	999x999x.231	87	305	0	MO	
V402	Andrew	VHLP3-18	999x999x.231	75	7	0	MO	
V403	Andrew	VHLP4-18	1291x1291x	70	197	0	MO	

## Profile of the structure: 90m guyed tower





## **Illustrations of the tower:**

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The two illustrations below show what the planned tower might look like in its setting.

**Photo 1: Before – View to north, photo taken from the intersection of Ch. De Harrington and Ch. Kilmar, approximately 1.45 km from the proposed location of the tower.**



**Photo 2: After**





**Photo 2: Before – View to the southeast, photo taken from Ch. De la Rivière-Rouge between Ch. Madden and Ch. Du Mont Oeler, at a distance of about 2.83km from the proposed location of the tower**



**Photo 2 : After**





## **Regulatory framework**

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The location chosen for the site is in a forest environment.

The optimal location for the tower was chosen in collaboration with the municipality of Harrington, the site is in a forested area. To make this collaboration a reality, Videotron received a favourable opinion from the municipal council at its meeting of December 16<sup>th</sup>, 2024, for a radiocommunications and broadcasting antenna system project designed to operate a highly advanced wireless service network.

With reference to item 9 of Appendix 1 of the Innovation, Science and Economic Development Canada (ISDE) Client Procedures Circular entitled “Radiocommunication and Broadcast Antenna Systems, CPC-2-0-03” in effect since January 1, 2008 (6th version, July 2022)<sup>1</sup>, insofar as there is no local public consultation process specific to radiocommunication antenna systems, the default ISDE public consultation process applies.

As a result, the present public consultation is being conducted under the provisions of the public consultation procedure established by ISDE (CPC-2-0-03).

It is important to note that in Canada, telecommunications activities fall under federal jurisdiction, with the Parliament of Canada holding exclusive jurisdiction in this area.

## **Certification of compliance with Safety Code 6**

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The construction of wireless telecommunication networks is subject to Health Canada’s Safety Code 6, which stipulates the limits for exposure to radiofrequency electromagnetic fields.

Videotron hereby certifies that, in the interest of public safety, the proposed facilities will be built and always operated in accordance with Safety Code 6 and any future amendments, including the consideration of combined effects within the local radio environment.

## **Aeronautical obstruction marking**

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Videotron will comply with Transport Canada / NAV Canada requirements, including Standard 621.19, “Obstruction Markings.”

To comply with these requirements, Videotron plans to use lighting installed at the top of the tower. This lighting is respectful of the local environment, has no glare and is not directed towards the ground.

Should Transport Canada inform Videotron of other lighting requirements, Videotron will inform the public.

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<sup>1</sup> <https://ised-isde.canada.ca/site/spectrum-management-telecommunications/en/learn-more/key-documents/procedures/client-procedures-circulars-cpc/cpc-2-0-03-radiocommunication-and-broadcasting-antenna-systems>

## **Impact Assessment Act (2019)**

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Vidéotron complies with all applicable environmental legislation, including the Canadian Assessment Act. Videotron hereby certifies that this project is not subject to the environmental assessment process under the Act (2019).

## **Compliance with technical codes and best practices**

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The installations specified in this project will comply with applicable technical codes, trade practices and best practices, particularly with respect to the sturdiness of the frame.

The entire site will be developed within a secure, fenced-in area.

## **Contact information**

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For more information, please contact:

### **Proponent**

Vidéotron  
Permits & Municipal Affairs Department, Technology Deployment  
612, Saint-Jacques Street, 10th Floor, North tower  
Montreal (Quebec) H3C 4M8

Or by email CPC @videotron.com site reference: GA797-08

### **Land-use authority**

Municipality of Harrington  
2940, Route 327  
Harrington, (Québec) J8G 2T1

### **Innovation, Science and Economic Development Canada**

Spectrum Management and Telecommunications  
Sun Life Building  
1155 Metcalfe Street, Room 950  
Montreal QC H3B 2V6

Telephone: 1-855-784-8282  
Fax: 514-283-5157  
Email: spectrequebec-spectrumquebec@ised-isde.gc.ca

For information on antenna systems, please visit the Industry Canada Spectrum Management and Telecommunications website at <http://strategis.ic.gc.ca/antenna>.