



Montreal October 2nd, 2024

Public consultation

GA735-02 VL Ch. Rawcliffe - Grenville-sur-la-Rouge

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 Grenville-sur-la-Rouge. The planned tower will be installed on the site of an existing tower that will be dismantled following the construction of the new tower. The existing access road will be used and no deforestation is required.

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 1st, 2008 (6th 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 quoting site reference: GA735-02

Sincerely yours,

Videotron

Information Sheet – Public Notice

Introduction

This sheet provides public information concerning plans to build a new Self supporting radiocommunication antenna system with a height of 76 meters (81 meters above ground height including structure height with the base and the lighting rod). The proposed system will be located approximately 1 km from the intersection of chemin de Rawcliffe and chemin Édina on lot 6 095 927 of the Cadastre du Québec.

The geographic coordinates (NAD 83) for the site are as follow;
Latitude N45°42'14,66 ou 45.704071°. Longitude W74°32'28,42"ou -74.541227°.

Videotron wants to construct the tower as part of its wireless network deployment following the acquisition of spectrum licences by Quebecor Media. Videotron'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

In order to provide suitable coverage in all areas, Videotron is planning to build a new tower in the Municipality of Grenville-sur-la-Rouge.

The structure will serve to achieve Videotron's coverage and performance targets, with the objective of meeting customer expectations and satisfying Innovation Canada's licensing conditions. Videotron 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, Videotron 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. The planned tower will be installed on the site of an existing tower that will be dismantled following the construction of the new tower. The existing access road will be used and no trees cutting is required.

Characteristics of site and of proposed structure:

Tower characteristics



Construction of new telecommunication towers

Site : GA735-02 Site name : VL Ch. Rawcliffe - Grenville-sur-la-Rouge

Location

Address : ch. Rawcliffe

NAD83	DD	MM	SS.ssss	décimal
Longitude	-74°	32	28.42''	, soit -74.541227
Latitude	45°	42	14.66''	, soit 45.704071

Proposed tower

Type : Self-support
Coverage Rating : A

Height (meters) : 76

Coverage objectives

- Cover addresses in a radius of 3km to 4km.
- Cover the road for 3km to 4km.
- 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.

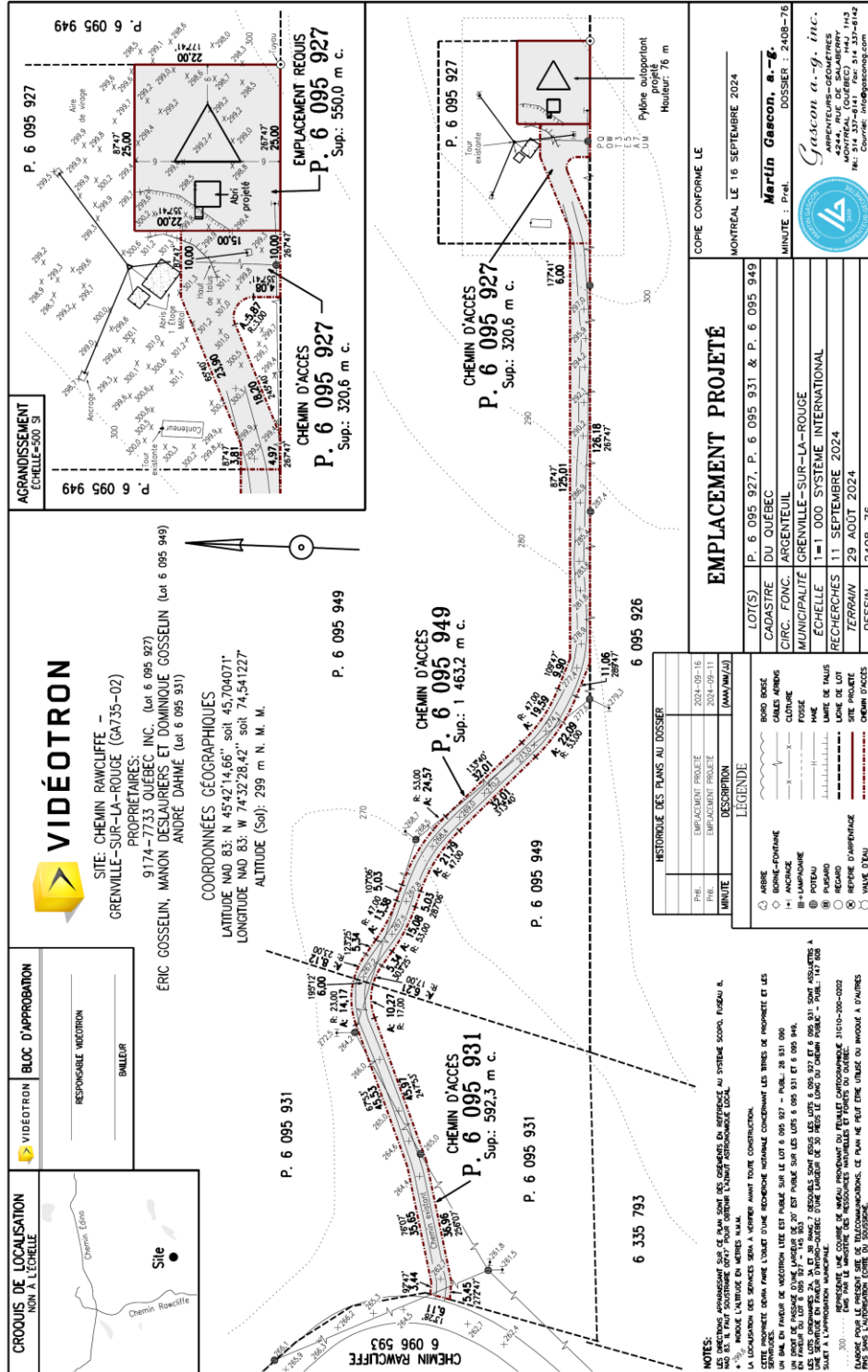
The site in question was therefore selected based on an analysis of this type, as well as consideration of external constraints such as applicable regulations and the availability of space on existing structures. The final siting decision is always made with a view to covering as many customers as possible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

The planned tower will be installed on the site of an existing tower that will be dismantled following the construction of the new tower. The existing access road will be used and no deforestation is required.

Location plan of the proposed tower

The telecommunications equipment will be installed at the foot of the structure, inside a 6 square metre shelter. Specifically designed to protect the equipment, the shelter will be built from durable, resistant materials to prevent deterioration. The entire site will be laid out within a secure, fenced-in area.



Description of the antennas:

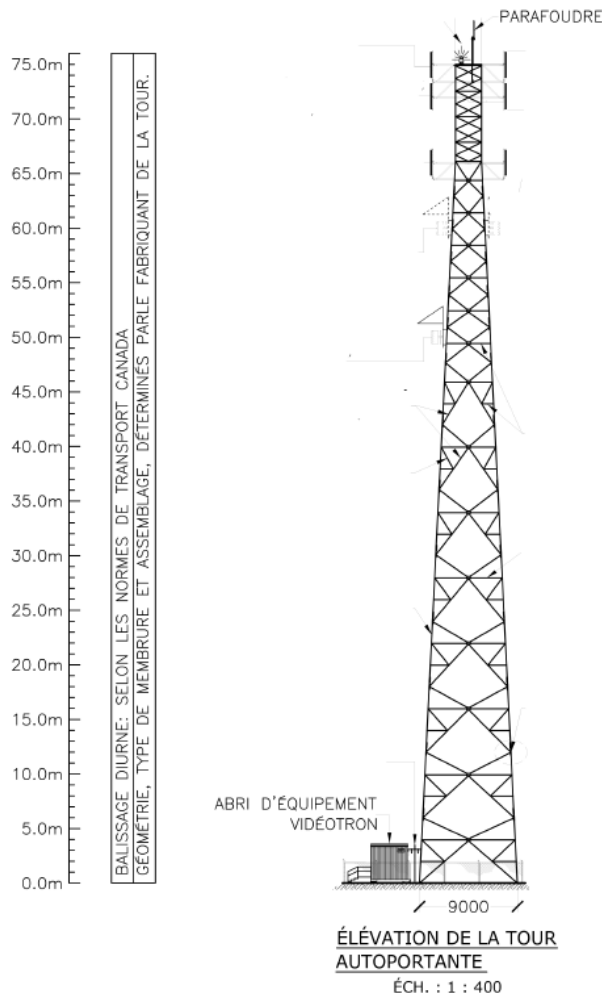
Projet : GA735-02 (VL Ch. Rawcliffe - Grenville-sur-la-Rouge) Site : GA735-02

Configuration Planifiée

Liste des antennes

Nom	Fabriquant	Modèle	Dimensions	Hauteur	Azimut	Tilt Mécan.	Technologie	Emplacement
V121	TongYu	T2008M6R032V03	2080x499x198	76	85	1	LTE-A B71, LTE-A B7, NR N71, LTE-A B66, NR N66, LTE-A B13	
V122	TongYu	T2008M6R032V03	2080x499x198	76	160	1	LTE-A B71, LTE-A B7, NR N71, LTE-A B66, NR N66, LTE-A B13	
V123	TongYu	T2008M6R032V03	2080x499x198	76	250	1	LTE-A B71, LTE-A B7, NR N71, LTE-A B66, NR N66, LTE-A B13	
VA011	Samsung	MT6424-242Q	850x400x200	76	85	1	NR N77, NR N78	
VA021	Samsung	MT6424-242Q	850x400x200	76	160	1	NR N77, NR N78	
VA031	Samsung	MT6424-242Q	850x400x200	76	250	1	NR N77, NR N78	
V401	Andrew	VHLP3-18	999x999x.231	73	182	0	MO	
V402	Andrew	VHLP3-18	999x999x.231	73	302	0	MO	

Profile of the structure: self-supporting tower



Illustrations of the tower:

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

Photo 1: Photo taken from Rawcliffe Road at approximately 375 metres from the proposed tower site - The tower will not be visible from this distance from this vantage point.



Photo 2: Photo taken from Rawcliffe Road at approximately 700 metres from the proposed tower site - The tower will not be visible from this distance from this point of view.



Regulatory framework

The location chosen for the erection of the site is in a predominantly rural zone and is in a forested area. For this project, Videotron worked with the municipality of Grenville-sur-la-Rouge to find a site with the least impact. Videotron's project is currently being submitted to the municipality of Grenville-sur-la-Rouge.

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)¹, 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

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

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.

¹ <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)

Videotron 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

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

For more information, please contact:

Proponent

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

Or via e-mail
CPC @videotron.com site reference: GA735-02

Land-use authority

Municipality of Grenville-sur-la-Rouge
88, Des Érables street
Grenville-sur-la-Rouge (Quebec)
J0V 1B0

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>.