

After carefully reviewing the City of Edmonton's '[Policy for Siting Telecommunications Facilities - C471B](#)' (the City's current policy on how it processes applications for new telecommunications facilities), and the Federal Government's [Radiocommunication and Broadcasting Antenna Systems](#), which regulates the environmental process, radio-frequency fields and land-use consultations for the siting of cell towers in Canada, a series of questions were posed to Rogers, in advance of the open house meeting scheduled for November 23rd, 2012. The goal of these questions was to help inform the residents of our community about the details of the proposed cell tower, and to ensure the proponent follows the policies and guidelines set out by our municipal and federal governments.

Rogers' unedited responses follow the questions below:

1. Why is the use of an existing antenna system or structure not possible?

As more and more people opt out of home phone usage and only utilizing a wireless phone, we are seeing more use in the residential areas. This is also due to use of tablets and rocket sticks. Nearby sites are too far from the required coverage area. The requirement is to address capacity needs also, not only coverage. The LTE and growth in wireless use requires the infrastructure to fill the gaps.

2. Why is an alternate site not possible?

In order to effectively balance the need to fulfill the coverage needs of the network and suitable land-use planning, Rogers investigated the nearby plaza on 40th Avenue. The owner of those lands was not a willing landlord and did not agree to discuss the proposition of a tower to be located on that property. Rogers was also willing to locate on the proposed Telus tower, however this site was not received favorably by the community.

3. What is the proponent doing to ensure that the antenna system is not accessible to the general public?

At the base of the proposed tower, Rogers installs a perimeter fence. The equipment cabinet on-site is also locked and armed with a 24-hour alarm system to protect from vandalism and to warn for environmental concerns such as flooding or fire.

4. How is the proponent trying to integrate the antenna into the local surroundings?

Rogers Communications makes every attempt, when possible to blend the tower into the surrounding, such as locating near large trees, existing power lines and provides landscaping/fencing etc. to improve aesthetics.

The tri-pole is an extremely costly structure compared to the single monopole, however we are able to shroud the antennas and provide a structure like this at churches with the cross in hopes to blend with the church and community theme. It is

our opinion that the tri-pole is less intrusive and worth the additional cost when locating closer to residential.

5. What are the steps the proponent took to ensure compliance with the general requirements of this document including the Canadian Environmental Assessment Act (CEAA), Safety Code 6, etc.?

By this document we will refer to the Public Notice package that was issued to the Greenfield Community League and mailed to people residing in Greenfield prescribed by the City of Edmonton.

In order to obtain approval to install a communications tower such as this one, Rogers has to obtain permissions from and ensure compliance with the following regulatory and referring/guiding agencies:

- Lease with a Landlord
- Municipal (Land Use Authority) consultation – adhere to their policy
- NAV Canada
- Health Canada Safety Code 6
- Industry Canada ultimately regulates the locating and management of cell towers
- Safety Codes 6 – Health Canada is the regulating body that continually monitors and regulates safety levels for all Canadians. Rogers operates at approximately 1% of the maximum allowed under Safety Codes 6 in order to further address safety concerns from the community.

6. What is the intended service area?

Mainly the community of Greenfield and major roadways in the community.

7. Does the selected site support co-location?

Yes, the design of the tower has co-location opportunities built into it. The landlord, Dayspring Presbyterian Church) is aware of the likelihood of other carriers collocating on this tower.

8. Who else have you spoken with regarding this site?

To date we have had consultations with the landlord, City of Edmonton Planning & Development Staff, Telus, the Greenfield Community League and the Greenfield Stewardship Committee.

These conversations have set the foundation for the Public Notification Package and Open House invitation dated October 25, 2012. This package was also shared with the leadership for the community of Royal Gardens.

9. Have you and the other carriers had a meeting with Planning and Development Staff?

Rogers has met with the City of Edmonton Planning and Development Staff on several occasions. We are not aware of what meetings other carriers have had with the City of Edmonton Planning and Development Staff.

10. Have you notified our Councilor?

Yes, Councilor Iveson has been formally notified by way of the Rogers Notice also provided to stakeholders identified by the City of Edmonton.

11. When did you notify Mr. Iveson?

Councilor Iveson has been formally notified by way of the Rogers Notice also provided to stakeholders identified by the City of Edmonton dated October 26, 2012.

12. What is being done for the design and visual impact of the proposed tower?

The proposed design of this tower, one that the landlord is in favour of, is a shrouded tripole steeple with a cross in order to best compliment the location aesthetically.

13. Have you met with any area councils or special interest groups within 6 times the height of the tower?

In addition to the requirement to meet with representatives from the City of Edmonton and the Greenfield Community League, Rogers has met with representatives Greenfield Stewardship Committee and has also provided notice to the community of Royal Gardens to the north of the proposed site.

14. How will you collect people's questions and comments at the open house?

Rogers employs the use of Intake Sheets to more formally collect questions and comments from participants. There are also Evaluation Forms available for participants who are encouraged to complete them. Rogers has also supplied contact information to the residents of Greenfield in order that they may contact staff and either write with their concerns or contact a staff members directly to engage discussion.

15. How will a participant of the meeting be able to get a record of the open-house?

The normal practice, and the one that will be utilized for this open house is to collect the Intake Sheets and Evaluation Forms, collate the questions and comments. After this is completed, formal responses are provided in writing and mailed to participants.

16. Will there be an opportunity for residents to ask questions, publicly?

Yes, currently plans have been created with input from the Greenfield Stewardship Committee to host a Town Hall format for the open house. We expect that this facilitated conversation will have some ground-rules for effective participation and an appropriate time limit for topics and speakers.

17. Will there be seats provided to those in attendance?

Yes, Rogers has requested that chairs be provided.

18. When was the contract with Dayspring signed?

It is important to note that before any public consultation activities can commence, including with staff from the City of Edmonton, carriers must first secure a lease agreement with a willing landlord. The terms and conditions of these contracts remain between the parties of the contract. Rogers cannot breach the confidential understandings and terms of the contract with the landlord.

19. When is installation planned to begin?

The typical timeline for the installation of a tower includes many steps including public consultation, which continues after the open house.

We are currently anticipating a summer 2013 installation of this tower.

20. Specifically at what distance would the power dissipate down to 0.3V/M or below?

Rogers would like to understand this question better and will follow up with the Greenfield Stewardship Committee in advance of the upcoming open house.

21. What steps would Rogers take to manage the cumulative effects from multiple antennas on the same tower?

Radio Frequency Engineering analysis ensures that the cumulative effects are not harmful or in contravention of the Safety Codes 6. Anyone, at anytime can request a Safety Codes 6 analysis from Health Canada/Industry Canada to ensure that all regulations are adhered to.

22. Have you considered the other commercial areas, churches in this and surrounding communities or Transportation and Utility Corridors (specifically the 111 St LRT corridor)?

As we responded in Question #2, other potential locations were considered. The 111 St LRT corridor would be too far east to service the area of the network that requires coverage. The coverage in the area of 111 St LRT corridor currently has sufficient coverage and capacity.

23. Could we have a copy of your research related to your expected patterns of wireless service, local terrain, interaction with existing radio base stations, and line of site requirements?

Research is based on customer complaints and local area testing to determine the need for these sites. All dropped calls and low level service is monitored and provided to planners to determine whether or not a site is required – at which point the planners will provide a “search ring” in hopes that a suitable site can be located.

Many aspects of the process are confidential and/or proprietary in nature, such as wireless service patterns due to competition, however upon request it may have to be submitted to Industry Canada to justify the need. Industry Canada essentially acts as an “agent” for the community in gathering and evaluating information from the carriers, should a discrepancy be identified.

24. Are there any options are there if a majority of Greenfield residents are opposed to cell phone towers in the Greenfield area?

Options available to residents always include talking to more than just Rogers Communications during the consultation process and providing feedback in hopes that a suitable design, color, structure can be agreed upon by the majority.

It is also important to acknowledge that the tower does not only service the residents, but highly used transportation corridors, visitors to the community, recreational areas nearby and will provide an additional safety net to those users needing to access 911, without experiencing coverage or capacity issues.

Industry Canada and Health Canada also have means by which you can contact them to direct any concerns to the appropriate authority. Information can be found at the end of this document.

25. What is Rogers’ position on the use of the “small cell” technologies to replace current cell phone towers?

As we understand this technology, it is not currently approved for use in Canada. The use of this technology includes bringing many more of them and installing them closer to buildings, houses etc., which seems to contradict the proximity concern of those who are opposed to towers generally.

26. Why is Rogers not considering the use of “small cell” technologies such the “lightRadio cube” in Edmonton?

As we responded above in #25, as we understand this technology, it is not currently approved for use in Canada. The use of this technology includes bringing many more of them and installing them closer to buildings, houses etc., which seems to contradict the proximity concern of those who are opposed to towers generally.

27. Are there any guarantees that we would not have that another telecommunications company attempt to build an additional site or sites in this area?

We cannot make any guarantees regarding any intentions from other carriers to propose another tower in this area, nor are we able to speak on behalf of their plans for their network, however the City as part of their co-location requirement in the policy will ensure that all available structures are investigated by other carriers, prior to them entertaining a new application.

Currently, we have an understanding with Telus to locate with them whether it is on their proposed site, or the Rogers proposed site. If other carriers wish to locate on this structure and their network requirements are met, Rogers would not deny the request.

28. What meetings were held and when with the ward councillor?

To date, no formal meetings have been held with the Councilor for Ward 10. Councilor Iveson has been invited to our open house and has our notice package.

29. Do you happen to have any minutes of your consultations with various groups related to the proposed cell phone tower at the Dayspring Presbyterian Church.

Rogers is not at liberty to disclose any notes from the lease agreement discussions. We understand that the Greenfield Stewardship Committee has been in contact with Dayspring Presbyterian Church.

We look forward to your continued participation. If you are unable to make the event, comments and questions can be directed to:

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Industry and Health & Safety Info

<http://strategis.ic.gc.ca/antenna>

<http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html>

http://www.hc-sc.gc.ca/ewh-semt/pubs/radiation/radio_guide-lignes_direct-eng.php

<http://www.hc-sc.gc.ca/hl-vs/iyh-vsv/prod/cell-eng.php>

http://www.ctia.org/consumer_info/safety

<http://www.cwta.ca/CWTASite/english/healthsafety.html>

<http://www.rogers.com>