

Appendix E- Public Notice After Public Meeting

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| Appendix | B |
| SAPRS | 18.131 |
| File(s) | D25-15001 |



70 East Beaver Creek, unit 22
Richmond Hill, ON, L4B 3B2
Email: otr0279.wind.info@fonturinternational.com



June 03, 2016

RE: Wind Mobile 40 metre Telecommunication tower proposal at 11685 Yonge Street, Richmond Hill.

Dear Residents,

This information package is in response to the concerns/comments the public provided surrounding the proposed 40m Wind Mobile tower at 11685 Yonge Street, Richmond Hill, ON. The comments received were mainly towards need, property values and health/safety.

Map of owners that attended the public information session on April 05, 2016



Demonstrated Need

The proposed location was carefully selected to address Winds' coverage requirements while meeting the Town of Richmond Hill requirements. The location of the tower maintains a fair distance from existing residential dwellings. Furthermore, the flagpole design tower, base and compound would be screened



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and blend well with the existing land-use. More importantly it will be a better option aesthetically than the existing tower on the property. The distance to the closest residential dwelling is approximately 150 metres from the tower location.

Factors considered in the site selection criteria include:

- Land use planning considerations
 - Sharing of existing telecommunication towers or facilities
 - Analyzing existing rooftops or water towers
 - Historic and environmental land use sensitivities
 - Aesthetic and landscaping preferences
 - Maximizing distance from residential and environmental protection
 - Locate sites that would obscure public views
- Interested and willing landlords
- Airport height restrictions
- Site conditions
- Soil type
- Availability of electrical power
- Ground space requirements

Wind Mobile's radio frequency team has done some further study on this area. The primary need for this site is coverage improvement. There is an urban area of over 5 km² here that has poor coverage. Coverage is poor even at low frequencies which provide further and deeper coverage than high frequencies. The radio frequency engineers have gone out to do signal testing and found poor coverage in the subdivision east of Yonge Street. The coverage might not be the worst for the residents by Jefferson Forest Drive since they are on slighter higher ground and can thus get coverage from the towers farther away. However, the subdivision east and south of Yonge has a dip in terrain and the poor coverage becomes very noticeable as the farther sites cannot reach there.

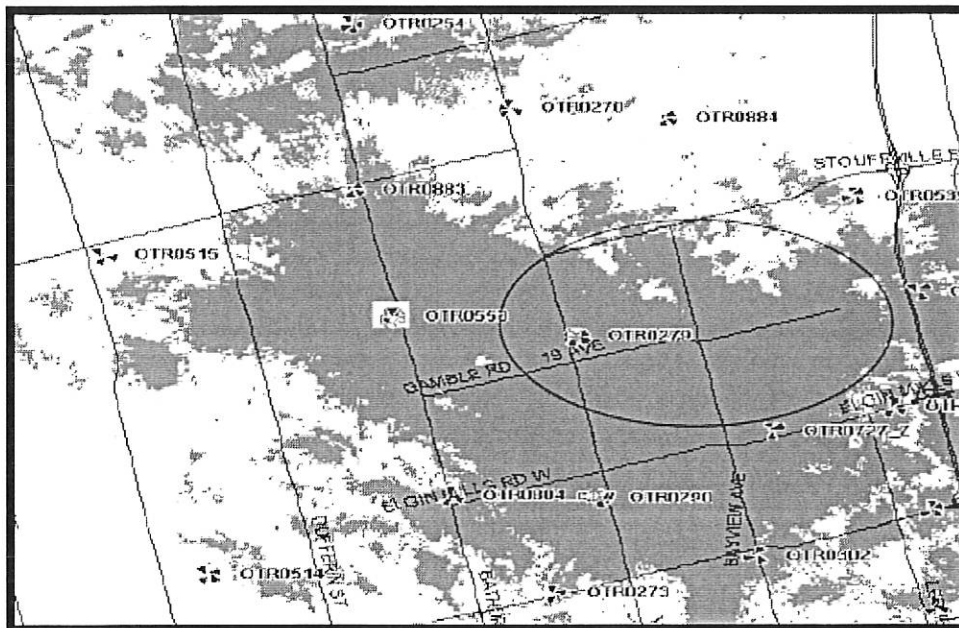
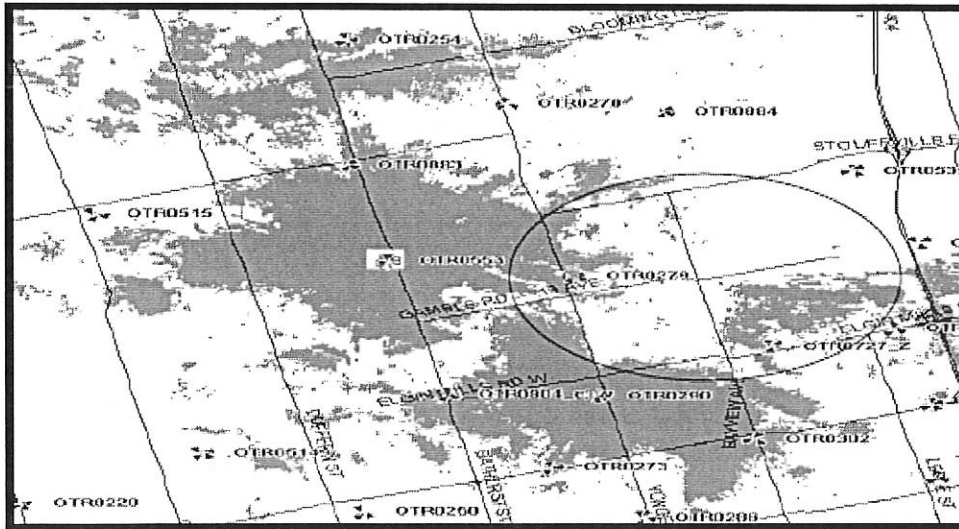
This area has quite low site density for an urban area. This worked fine for our older Second Generation and early Third Generation networks. However, it is not possible to provide adequate Fourth Generation (4G/LTE) service to an urban area with the coverage levels and site density found here. See map below:



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YONGE AND JEFFERSON FOREST DRIVE URBAN COVERAGE GAP
BEFORE AND AFTER





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Co-location

When a carrier requests to co-locate onto an existing tower, Wind Mobile as part of their license is required to let them add equipment. This is to limit the number of towers in an area. Safety Code 6 measurements are cumulative. If a carrier is to co-locate, then all equipment including the additional equipment is calculated in the safety code 6 analyses and must be below the required limit.

Property Values

Concerns have been received over the reduction in property values should the tower be installed. Wind Mobile does not feel there is a correlation between the two. There are other market factors that exert a strong influence on the price/value of real property. These factors include: strength of market demand, interest rates, employment/unemployment levels, tax levels, utility costs etc. Every year there are tens of thousands of new and amended tower installations. Many are located near residential yet house prices have increased year after year.

Health and Safety

Wind Mobile understands the community has many questions/concerns regarding health and safety. It is important to know that Wind Mobile does not hold the regulation itself and can only follow the guidelines produced by Health Canada and Industry Canada. We are happy to share the information on health and safety using reputable peer-reviewed sources. It is important to note that most studies in this field with concerns are towards cell phone use and not cell towers. Any issues the public has with Safety Code 6 (Health Canada guideline) should be addressed to the Consumer and Clinical Radiation Protection Bureau; you may contact them at ccrpb-ccrpcc@hc-sc.gc.ca. Wind Mobile will provide on-going monitoring to assure we are operating below the safety limits and provide a copy to anyone upon request. Industry Canada also conducts audits to ensure compliance.

It is a condition of any broadcaster's licence that it must meet Safety Code 6. If Safety Code 6 changes after the current review, then the service provider must be compliant the very day it is implemented. There is not a grace period or grandfathering clause in the license document. If a broadcaster cannot meet the safety code, then they must shut off the transmitter. In public areas towers are typically 100 times below the limit of Safety Code 6.

Wind Mobile's radiofrequency engineers have conducted a safety code 6 analysis and have calculated that the proposed antennas will be less than 1% of safety code 6 limits in a controlled and uncontrolled environment. Health Canada has stated there will be no adverse health effects provided that the exposure limits set in Safety Code 6 are respected. Please send an email if you are interested in viewing a copy of the safety code 6 report.



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Many have provided concerns regarding the safety of their children as they play in the playground nearby. Firstly, there is an existing tower on the property. Not going into too much detail about radiofrequency but, RF waves are already in existence through all wireless devices including baby monitors, remote garage door openers, microwaves, cell phones, AM/FM radio etc. These are non-ionizing, which means that they do not break the chemical bonds in the DNA. The concern for children playing in a playground near a busy road of Yonge/Jefferson Forest drive is more concerning than replacing an existing tower.

There have also been comments about that a taller tower will mean more radiation. This is simply not true. As the tower height increases, by the time the frequency reaches the ground it is 100+ times below the allowable limits. Think of it like this. The pole is just a metal pole, the system is all about the antenna. You have an antenna existing at 15 metres (i.e. closer to an individual) vs. a 40 metre tower (antenna further up). There are completed studies that I can provide should anyone have an interest showing this.

Conclusion

We believe that Wind Mobile has demonstrated that the proposed wireless telecommunication facility meets the language and intent of Industry Canada's guideline document CPC 2-0-03. In terms of our circulation to the Town, we feel that all technical concerns and requirements received through and after the circulation have been addressed.

We feel that our proposal does not impede on the use and enjoyment of surrounding land uses. There are existing similar structures and facilities in the area that make the location well suited. As mentioned above, the distance of the tower location to the nearest residential dwelling is more than 150 metres.

Wind Mobile is providing the public with 21 days to respond to this notice before sending a final summary report to the Town of Richmond Hill. Please send your comments by mail, fax, email to the contact below by Monday June 27, 2016.

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SUBJECT: Tower Issue –11685 Yonge Street, Richmond Hill, ON—OTR0279