



## **Public Consultation Package – Proposed Telecommunications Tower**

**Rogers Site: C6621**

**Site Location:** 280 Woolwich Street South, Breslau, Ontario N0B 1M0

Rogers is hereby providing you with a formal overview and notice of its proposal to erect a new telecommunications tower in your immediate area; thereby initiating our formal public consultation process.

Information received shall form part of Innovation, Science and Economic Development Canada's (ISED), Public Consultation Process under the Spectrum Management and Telecommunications Client Procedures Circular CPC-2-0-03, Issue 5, and will be collected in compliance with the Personal Information Protection and Electronic Documents Act. The information collected will be used solely for the purpose of documenting Rogers' consultation and communicating the results of this consultation, including your comments to Woolwich Township and/or ISED (formerly Industry Canada) and communicating with you concerning this proposal should that be required.

**Prepared by: Spectra Point Inc. – Agents for Rogers Communications Inc.**

3307-89 Dunfield Avenue  
Toronto, ON M4S 0A4

Robert Huras, Site Acquisition Specialist  
rhuras@spectrapoint.ca  
Phone: (416) 418-1588

# **Wireless Communications Site**

## **Purpose**

This information package is an invitation to the public to provide comments regarding a proposed wireless communication installation at an address known as 280 Woolwich Street South, Breslau, Ontario N0B 1M0.

## **Introduction**

The on-going increase in the use of personal cellular phones and other wireless devices and broadband internet for personal, business and emergency purposes require the development of new wireless communication infrastructure. Canadians currently use more than 27.6 million wireless devices daily. More importantly, each year Canadians place more than 6 million calls to 911 or other emergency numbers from their mobile phones.

Rogers Communications Inc. constantly strives to improve coverage and network quality for the sake of their clients. In the recent past, due to subscriber feedback, our Network Planning and Engineering departments have become aware of coverage deficiencies within the general area of Woolwich and Fountain.

This document outlines the site evaluation and justification process in accordance with the requirements of ISED's Spectrum Management and Telecommunications Policy, CPC-2-0-03, Issue 5 (Jul. 15, 2014) and provides a description of the system associated with the proposed wireless communication installation on property known as 280 Woolwich Street South, Breslau, Ontario N0B 1M0

## **Background & Coverage Requirement**

The selection of a wireless communications site works similarly to fitting a piece into a puzzle. In this case, the puzzle is a complex radio network, situated in suburban setting. Client demand, radio frequency engineering principles, local topography and land use opportunities working in concert with one another direct the geography of our sites.

To achieve a reliable wireless network, carriers must provide a seamless transmission signal to alleviate any gaps in coverage. Gaps in coverage are responsible for dropped calls, and unavailable service to clients. Rogers Communications Inc. would utilize the following proposed site location to provide high quality network signal for its high-speed wireless voice and data network.

The site as proposed will achieve the necessary engineering coverage objectives for our network. The proposed location will enhance much relied upon communication services in the area such as EMS Response, Police and Fire; will significantly improve our wireless signal quality for the residents; those traveling along the major roads as well provide local subscribers with Rogers' 4G wireless network coverage and capacity for products and services such as BlackBerry, iPhone, cellular phone and wireless internet through the Rogers Rocket Stick technology in the surrounding area.

## Proposed Site Location

The Subject Property, with an approximate area of 2.26 hectares, is known as 280 Woolwich Street South, Breslau, Ontario N0B 1M0

Legal property name is known as  
PART LOT 115 GERMAN COMPANY TRACT TOWNSHIP OF WATERLOO PARTS 1 TO 3  
58R5358; WOOLWICH

The Land Titles Division for Waterloo Registry Office (No. 58).

The geographic coordinates for the relocated site are as follows:

Latitude (NAD83) N 43° 27' 58.2"

Longitude (NAD 83) W 80° 24' 34.7"

A copy of Rogers' surveyed site plan has been attached for your reference and information.

Figure 1 – Proposed tower location on the subject property is shown in an aerial image below.



## Proposed Facility Location

The proposed wireless communication structure will be located at the furthest south-east corner of the subject property, approximately 180 metres west of Woolwich Road South

The proposed installation for 280 Woolwich Street South, Breslau, Ontario N0B 1M0 is a 30 metre Monopole communications structure with associated radio equipment cabinet installed on a reinforced concrete slab. The installation would occupy a ground compound area of 10 metres by 10 metres or 100 square metres.

The design has been used throughout Woolwich Township and is appropriate considering the area context. The design, construction and installation of the installation will be consistent with the required engineering practices including structural adequacy.

Please refer below for a sample of the installation for your reference (Figure 2). The viewscape provided below simulates the view of the proposed installation from a major visible intersection. The process of simulating the proposed facility into the existing condition of the viewscape was done by superimposing an image of the proposed structure on a photograph taken for that viewscape.

The photo simulation is intended to be a close representation of the proposed installation.  
Figure 2



## **Description of Proposed System**

Rogers proposes to initially install a 6-sectored HSPA/LTE site. It will also accommodate antennas and equipment for future technology services. The installation would provide other potential co-location with additional licensed carriers helping to further reduce the number of future structures in the area, which is encouraged by Woolwich Township and ISED.

Rogers makes every effort to minimize the visual impact of our installations. The following are some of the considerations used by Rogers in development criteria of the proposal outlined to minimize the visual profile of the installation:

- The proposed site location has been set back from the road to minimize its potential impacts on the community.
- The location of the tower on the subject property maximizes the existing commercial setting and structures around the proposed site and assists in mitigating potential visual impacts.
- During construction, precautions will be taken to minimize any disruption to the current operation on the site and to the surrounding residents. Once site is in service, there will be no noise associated with the daily operation of the installation.

## **Proximity to Existing Residential dwellings**

Woolwich Township encourages for towers to maximize the distance to public uses. Rogers' proposed site location is set in a suburban/industrial setting and provides a buffer between the existing residential uses surrounding the subject property.

Woolwich Township requires notification to residences that live within 150 metres (492 feet) from the entire subject property line. The subject property is 2.26 hectares (approximately 5.6 acres) parcel of land, and the nearest residential dwellings reside to the south and north and one home appears east of the subject property. The nearest residential dwelling is located approximately 87 metres (285 feet) Northeast of the proposed facility compound, which is well removed from the proposed facility.

## **Control of Public Access**

The site facility would include One (1) radio equipment walk-in cabinet with an exterior finish that will blend in with its surroundings on a cast in place reinforced concrete slab. 2.4-metre-high chain link security fence would be installed around the base of the installation and would include one locked gate access point. The walk-in equipment cabinet (WIC) will contain radio equipment, backup battery power, maintenance tools, manuals and a first aid kit. The installation will also be equipped with a silent alarm system.



## **Municipal Consultation Process**

Rogers Communications Inc. is regulated and licensed by ISED to provide inter-provincial wireless voice and data services. As a federal undertaking, Rogers is required by ISED to consult with land-use authorities in siting antenna locations.

The consultation process established under ISED's authority is intended to allow the local land-use authorities the opportunity to address land-use concerns while respecting the federal government's exclusive jurisdiction in the siting and operation of wireless voice and data systems.

As the provisions of the Ontario Planning Act and other municipal by-laws and regulations do not apply to federal undertakings, wireless communication facilities are not required to obtain municipal permits of any kind. Rogers is however required to follow established and documented wireless protocols or processes set forth by land-use authorities.

Rogers is providing an information package to all those property owners located within a radius of 150 meters (492 feet) from subject property. A copy of this information package will be provided to Woolwich Township planning staff and ISED as part of the municipal consultation process.

## **Federal Requirements**

In addition to the requirements for consultation with municipal authorities and the public, Rogers must also fulfill other important obligations including the following:

### **Canadian Environmental Assessment Act**

ISED requires that the installation and modification of antenna systems be done in a manner that complies with appropriate environmental legislation. This includes the Canadian Environmental Assessment Act, 2012 (CEAA 2012), where the antenna system is incidental to a physical activity or project designated under CEAA 2012 or is located on federal lands.

Rogers attests that the radio antenna system as proposed for this site is not located within federal lands or forms part of or incidental to projects that are designated by the Regulations Designating Physical Activities or otherwise designated by the Minister of the Environment as requiring an environmental assessment. In accordance with the Canadian Environmental Assessment Act, 2012, this installation is excluded from assessment.

*For additional detailed information, please consult the Canadian Environmental Assessment Act at: <http://laws-lois.justice.gc.ca/eng/acts/C-15.21/>*

## **Engineering Practices**

Rogers attests that the radio antenna system as proposed for this site will be constructed in compliance with the National Building Code and The Canadian Standard Association, and respect good engineering practices including structural adequacy.

## **Transport Canada's Aeronautical Obstruction Marking Requirements**

Rogers anticipates that the proposed installation will require markings or lighting and will submit the necessary applications to the appropriate parties to obtain required approvals.

In the instance where our structure requires lighting/markings, these requirements would follow CAR 621 Standards Obstruction Markings. The standards provide for:

A combination of a medium intensity flashing white light during the day and steady burning aviation red light and/or flashing aviation red beacons at night.

For additional detailed information, please consult Transport Canada

at: <http://www.tc.gc.ca/eng/civilaviation/regserv/cars/part6-standards-standard621-3808.htm>

## **Health Canada's Safety Code 6 Compliance**

Health Canada is responsible for research and investigation to determine and promulgate the health protection limits for Exposure to the RF electromagnetic energy. Accordingly, Health Canada has developed a guideline entitled "Limits of Human Exposure to Radiofrequency Electromagnetic Field in the Frequency Range from 3kHz to 300 GHz – Safety Code 6". The exposure limits specified in Safety Code 6 were established from the results of hundreds of studies over the past several decades where the effects of RF energy on biological organisms were examined.

Radio communication, including technical aspects related to broadcasting, is under responsibility of ISED, which has the power to establish standards, rules, policies and procedures. ISED, under this authority, has adopted Safety Code 6 for the protection of the general public. As such, ISED requires all proponents and operators to ensure that their installations and apparatus always comply with the Safety Code 6.

Rogers Communications Inc. attests that the radio antenna system described in this notification package will at all times comply with Health Canada's Safety Code 6 limits, as may be amended from time to time, for the protection of the general public including any combined effects of additional carrier co-locations and nearby installations within the local radio environment. In fact, emissions levels of Roger's wireless communication installations are far below the limits outlined in Safety Code 6.

More information in the area of RF exposure and health is available at the following web sites:

*Safety Code 6:*

[http://www.hc-sc.gc.ca/ewh-semt/pubs/radiation/radio\\_guide-lignes\\_direct-eng.php](http://www.hc-sc.gc.ca/ewh-semt/pubs/radiation/radio_guide-lignes_direct-eng.php)

General Information:

<http://www.hc-sc.gc.ca/ewh-semt/radiation/cons/stations/index-eng.php>

## **ISED's, Spectrum Management**

Please be advised that the approval of this site and its design is under the exclusive jurisdiction of the Government of Canada through ISED. For more information on ISED's public consultation guidelines including CPC-2-0-03, Issue 5 (Jul. 15, 2014) contact (<http://www.ic.gc.ca/epic/site/smt-gst.nsf/en/sf08777e.html>) or the local ISED office at:

**Southwestern Ontario District Office**

4475 North Service Road, Suite 100

Burlington, ON L7L 4X7

Telephone: 1-855-465-6307

Fax: 905-639-6551

Email: [ic.spectrumswodo-spectrebdsoo.ic@canada.ca](mailto:ic.spectrumswodo-spectrebdsoo.ic@canada.ca)

General information relating to antenna systems is available on ISED's Spectrum Management and Telecommunications website (<http://www.ic.gc.ca/epic/site/smt-gst.nsf/en/home>)

**Public consultation obligations**

Rogers Communications Inc. is committed to effective public consultation. The public is invited to provide comments to Rogers about this proposal by mail, electronic mail, phone. Please send your comments to the address below by the close of business day on September 12, 2021.

**Spectra Point Inc., Agents for Rogers Communications Inc.**

3307-89 Dunfield Avenue

Toronto, ON M4S 0A4

(647) 835-3765

**Closing Date for Submission of Written Public Comments**

ISED's rules contain requirements for timely response to your questions, comments, or concerns. We will acknowledge receipt of all communication within **14 days** and will provide a formal response to the Municipality and those members of the public who communicate to Rogers, within **60 days**. The members of the public who communicated with Rogers will then have **21 days** to review and reply to Rogers a final response.

**Proponent's Contact Information:****Spectra Point Inc., Agents for Rogers Communications Inc.**

Robert Huras, Site Acquisition Specialist

Spectra Point Inc.

3307-89 Dunfield Avenue, Toronto, ON M4S 0A4

Phone: (416) 418-1588

[rhuras@spectrapoint.ca](mailto:rhuras@spectrapoint.ca)

**Land Use Authority Contact Information:**

Nancy Thompson

Admin. Coordinator/Planning Assistant

Engineering and Planning Services

Direct Line - 519-669-6040

Office - 519-669-1647 / Toll Free - 1-877-969-0094 ext. 6040

Fax - 519-669-4669

Township of Woolwich

24 Church Street West, P.O. Box 158

Elmira, Ontario N3B 2Z6



## **Conclusion**

Access to reliable wireless communications services is of great importance to residents' and travelers' safety and well-being. Wireless technology has fast become the preferred method of conducting business and personal communications among a large part of the population.

The trend of future telecom is to become truly "wireless", that is the delivery of the voice and data communications via conventional telephone lines, such as telephone poles along streets and roads, will be virtually obsolete. The current wireless infrastructure will be able to meet this trend and still provide a reliable system. Strong wireless networks are building blocks for all sectors of the economy and must be considered a competitive advantage for Canadian communities. Improved wireless coverage also means better access to emergency services such as fire, police or ambulance, and greater business development opportunities. The availability of high quality, robust and reliable wireless networks result in significant direct and indirect benefits to all Canadians.

Rogers feels that the proposed site is well located to provide and improve wireless voice and data services in the targeted area. The proposed site is also situated and designed to have minimal impact on surrounding land uses.

Rogers looks forward to working with Woolwich Township in providing improved wireless services to the community.

Spectra Point Inc.

Robert Huras  
Site Acquisition Specialist

**SITE PLAN**  
**PROPOSED INTERSECTION**  
**280 WOODWICH STREET SOUTH**  
**PART OF LOT 11.5,**  
**GERMAN COMPANY TRACT**  
**TOWNSHIP OF WOODWICH**  
**MUNICIPALITY OF WATERLOO**

**DATE: JANUARY 14, 2014**  
**SCALE: 1" = 50'**

**NOTES:**  
 1. ALL DIMENSIONS ARE IN FEET AND INCHES.  
 2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.  
 3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE ENGINEER.  
 4. ALL DIMENSIONS ARE TO BE VERIFIED BY THE ENGINEER.

**LEGEND:**  
 1. LOT 11.5  
 2. LOT 11.6  
 3. LOT 11.7  
 4. LOT 11.8  
 5. LOT 11.9  
 6. LOT 12.0  
 7. LOT 12.1  
 8. LOT 12.2  
 9. LOT 12.3  
 10. LOT 12.4  
 11. LOT 12.5  
 12. LOT 12.6  
 13. LOT 12.7  
 14. LOT 12.8  
 15. LOT 12.9  
 16. LOT 13.0  
 17. LOT 13.1  
 18. LOT 13.2  
 19. LOT 13.3  
 20. LOT 13.4  
 21. LOT 13.5  
 22. LOT 13.6  
 23. LOT 13.7  
 24. LOT 13.8  
 25. LOT 13.9  
 26. LOT 14.0  
 27. LOT 14.1  
 28. LOT 14.2  
 29. LOT 14.3  
 30. LOT 14.4  
 31. LOT 14.5  
 32. LOT 14.6  
 33. LOT 14.7  
 34. LOT 14.8  
 35. LOT 14.9  
 36. LOT 15.0  
 37. LOT 15.1  
 38. LOT 15.2  
 39. LOT 15.3  
 40. LOT 15.4  
 41. LOT 15.5  
 42. LOT 15.6  
 43. LOT 15.7  
 44. LOT 15.8  
 45. LOT 15.9  
 46. LOT 16.0  
 47. LOT 16.1  
 48. LOT 16.2  
 49. LOT 16.3  
 50. LOT 16.4  
 51. LOT 16.5  
 52. LOT 16.6  
 53. LOT 16.7  
 54. LOT 16.8  
 55. LOT 16.9  
 56. LOT 17.0  
 57. LOT 17.1  
 58. LOT 17.2  
 59. LOT 17.3  
 60. LOT 17.4  
 61. LOT 17.5  
 62. LOT 17.6  
 63. LOT 17.7  
 64. LOT 17.8  
 65. LOT 17.9  
 66. LOT 18.0  
 67. LOT 18.1  
 68. LOT 18.2  
 69. LOT 18.3  
 70. LOT 18.4  
 71. LOT 18.5  
 72. LOT 18.6  
 73. LOT 18.7  
 74. LOT 18.8  
 75. LOT 18.9  
 76. LOT 19.0  
 77. LOT 19.1  
 78. LOT 19.2  
 79. LOT 19.3  
 80. LOT 19.4  
 81. LOT 19.5  
 82. LOT 19.6  
 83. LOT 19.7  
 84. LOT 19.8  
 85. LOT 19.9  
 86. LOT 20.0  
 87. LOT 20.1  
 88. LOT 20.2  
 89. LOT 20.3  
 90. LOT 20.4  
 91. LOT 20.5  
 92. LOT 20.6  
 93. LOT 20.7  
 94. LOT 20.8  
 95. LOT 20.9  
 96. LOT 21.0  
 97. LOT 21.1  
 98. LOT 21.2  
 99. LOT 21.3  
 100. LOT 21.4  
 101. LOT 21.5  
 102. LOT 21.6  
 103. LOT 21.7  
 104. LOT 21.8  
 105. LOT 21.9  
 106. LOT 22.0  
 107. LOT 22.1  
 108. LOT 22.2  
 109. LOT 22.3  
 110. LOT 22.4  
 111. LOT 22.5  
 112. LOT 22.6  
 113. LOT 22.7  
 114. LOT 22.8  
 115. LOT 22.9  
 116. LOT 23.0  
 117. LOT 23.1  
 118. LOT 23.2  
 119. LOT 23.3  
 120. LOT 23.4  
 121. LOT 23.5  
 122. LOT 23.6  
 123. LOT 23.7  
 124. LOT 23.8  
 125. LOT 23.9  
 126. LOT 24.0  
 127. LOT 24.1  
 128. LOT 24.2  
 129. LOT 24.3  
 130. LOT 24.4  
 131. LOT 24.5  
 132. LOT 24.6  
 133. LOT 24.7  
 134. LOT 24.8  
 135. LOT 24.9  
 136. LOT 25.0  
 137. LOT 25.1  
 138. LOT 25.2  
 139. LOT 25.3  
 140. LOT 25.4  
 141. LOT 25.5  
 142. LOT 25.6  
 143. LOT 25.7  
 144. LOT 25.8  
 145. LOT 25.9  
 146. LOT 26.0  
 147. LOT 26.1  
 148. LOT 26.2  
 149. LOT 26.3  
 150. LOT 26.4  
 151. LOT 26.5  
 152. LOT 26.6  
 153. LOT 26.7  
 154. LOT 26.8  
 155. LOT 26.9  
 156. LOT 27.0  
 157. LOT 27.1  
 158. LOT 27.2  
 159. LOT 27.3  
 160. LOT 27.4  
 161. LOT 27.5  
 162. LOT 27.6  
 163. LOT 27.7  
 164. LOT 27.8  
 165. LOT 27.9  
 166. LOT 28.0  
 167. LOT 28.1  
 168. LOT 28.2  
 169. LOT 28.3  
 170. LOT 28.4  
 171. LOT 28.5  
 172. LOT 28.6  
 173. LOT 28.7  
 174. LOT 28.8  
 175. LOT 28.9  
 176. LOT 29.0  
 177. LOT 29.1  
 178. LOT 29.2  
 179. LOT 29.3  
 180. LOT 29.4  
 181. LOT 29.5  
 182. LOT 29.6  
 183. LOT 29.7  
 184. LOT 29.8  
 185. LOT 29.9  
 186. LOT 30.0  
 187. LOT 30.1  
 188. LOT 30.2  
 189. LOT 30.3  
 190. LOT 30.4  
 191. LOT 30.5  
 192. LOT 30.6  
 193. LOT 30.7  
 194. LOT 30.8  
 195. LOT 30.9  
 196. LOT 31.0  
 197. LOT 31.1  
 198. LOT 31.2  
 199. LOT 31.3  
 200. LOT 31.4  
 201. LOT 31.5  
 202. LOT 31.6  
 203. LOT 31.7  
 204. LOT 31.8  
 205. LOT 31.9  
 206. LOT 32.0  
 207. LOT 32.1  
 208. LOT 32.2  
 209. LOT 32.3  
 210. LOT 32.4  
 211. LOT 32.5  
 212. LOT 32.6  
 213. LOT 32.7  
 214. LOT 32.8  
 215. LOT 32.9  
 216. LOT 33.0  
 217. LOT 33.1  
 218. LOT 33.2  
 219. LOT 33.3  
 220. LOT 33.4  
 221. LOT 33.5  
 222. LOT 33.6  
 223. LOT 33.7  
 224. LOT 33.8  
 225. LOT 33.9  
 226. LOT 34.0  
 227. LOT 34.1  
 228. LOT 34.2  
 229. LOT 34.3  
 230. LOT 34.4  
 231. LOT 34.5  
 232. LOT 34.6  
 233. LOT 34.7  
 234. LOT 34.8  
 235. LOT 34.9  
 236. LOT 35.0  
 237. LOT 35.1  
 238. LOT 35.2  
 239. LOT 35.3  
 240. LOT 35.4  
 241. LOT 35.5  
 242. LOT 35.6  
 243. LOT 35.7  
 244. LOT 35.8  
 245. LOT 35.9  
 246. LOT 36.0  
 247. LOT 36.1  
 248. LOT 36.2  
 249. LOT 36.3  
 250. LOT 36.4  
 251. LOT 36.5  
 252. LOT 36.6  
 253. LOT 36.7  
 254. LOT 36.8  
 255. LOT 36.9  
 256. LOT 37.0  
 257. LOT 37.1  
 258. LOT 37.2  
 259. LOT 37.3  
 260. LOT 37.4  
 261. LOT 37.5  
 262. LOT 37.6

**E-mail:**

**Phone :** 416 418 1588 **E-mail:** [rhuras@spectrapoint.ca](mailto:rhuras@spectrapoint.ca)

**Continue on reverse if required...**

*\*Information received shall form part of ISED's Public Consultation Process under the Spectrum Management and Telecommunications Client Procedures Circular CPC-2-0-03, Issue 4, and will be collected in compliance with the Personal Information Protection and Electronic Documents Act. The information collected will be used solely for the purpose of documenting Rogers' consultation, communicating the results of this consultation, including your comments, to the Town of Aurora and/or ISED and communicating with you concerning this proposal should that be required. \**