

## Laurie Walter

---

**From:** Mayor  
**Sent:** Monday, December 11, 2023 12:35 PM  
**To:** Laurie Walter  
**Subject:** Fw: 5G Impact

Mary Sennett  
Mayor  
Village of Skaneateles

---

**From:** Gary Heyer  
**Sent:** Monday, December 11, 2023 12:29 PM  
**To:** Mayor <Mayor@villageofskaneateles.com>  
**Cc:** jgabak@eaglenewsonline.com <jgabak@eaglenewsonline.com>; jaaron@townofskaneateles.com <jaaron@townofskaneateles.com>  
**Subject:** 5G Impact

To: Mary Sennett -

I noted in a recent Observer that the Village has been approached by some potential vendor interested to provide 5G service to the community. I am writing to be sure that you are aware that what is proposed would entail far more than just erecting one new tower somewhere nearby!

I learned a bit about 5G a couple of years back when the town of Niles was fighting against a 5G tower that would have been placed not far off the lakeshore, and thus very visible from land or "sea". But I additionally learned that 1) in all probability, their primary purpose was feeding a signal to the Skaneateles area, and 2) that the signal will not pass through buildings nor even *leaves on trees*! Due to the latter signal limitation, many additional *visible* devices have to be placed on utility poles or buildings throughout the town to effectively relay the signal and ultimately blanket the area.

Unsunghtiness notwithstanding, many people practically salivate to think of downloading entire movies in seconds! However, some others are concerned of the potential for this new type of system to facilitate the same extreme surveillance that already exists in China. Videos of their urban installations are horrifying to see, as their means to identify citizens by facial recognition and track their whereabouts becomes readily visible on many buildings and utility poles.

Finally, there are those who fear the microwave signals involved will cause physical illness of some sort. I personally (and I have an engineering background, by the way) do not buy into that concern, but you should be aware of it in any future evaluation of potential 5G installation, as some residents will harbor that fear..

I will add here a small excerpt off the Internet describing the sort of infrastructure that would be required. Like many available technical descriptions of requirements, do note how they can't help but to slip in some marketing sounding phrases, like "small base stations", "fit in", "minimum real estate", "wide-area coverage".

[Small cell base stations, which are a vital aspect of 4G/5G network infrastructure consulting, are meant to fit in with the current environment, take up minimum real estate, and are placed in clusters in densely populated regions to provide continuous connectivity and complement the macro network's wide-area coverage.](#)

Gary Heyer