

From: s.ridout

Sent: March 23, 2019 11:51 AM

To: connected.communities.ca@gmail.com

Subject: Fiber SMARTER than 5G ~ Wired to Deliver Community Fiber Website

Dear Mayor and Councillors,

This week, BC Minister of Citizens' Services [Jinny Sims called rural internet](#) the 'railroad of the 21st century.' Unfortunately, in [this article](#) she promoted wireless 5G as a viable and more economical alternative to fiber-to-the-premises. 5G is not a viable rural solution due to the short distances and the way millimeter waves travel. Wireless 5G requires fiber optic cable to be connected to every transmitter. These transmitters need to be replaced every few years, adding to the cost of deployment. Extending the fiber and connecting it directly to every premise is the truly smart way to build a telecommunications infrastructure. As well as the financial concerns cyber security (the recent Huawei scandal) and health issues need to be considered. The safety of 5G has not been established. 5G resonates on the same wavelengths as all living things. If 5G is found to distort these living frequencies there will be physical and mental health issues arising in the future.

Wired fiber is the fastest, safest and most energy-efficient and reliable rural connectivity option. With the [Connected Coast](#) project bringing a sub-sea fiber optic cable to 154 rural BC communities over the next 2 years, investing in a fiber-to-the-premises last mile is the best way for BC's rural communities to build a 21st century information highway.

Connected Communities - a site that provides local governments with tools for building community-owned wired fiber networks is here! [Connected Communities ~ Wired fiber for Sustainable Last-Mile Solutions](#)

Rural broadband is now a provincial and federal funding priority. The time is ripe to bring the many benefits of wired fiber to your community. Wiring fiber to every premise is the smart way to build a telecommunications infrastructure, and it is the fastest, safest and most energy-efficient and reliable rural connectivity option.

To learn more and get started I would ask that you please read the press release below or attached. Thank you for all you do for your communities.

Sherry Ridout
Victoria, B.C.