

Friends and Neighbours

Katarina has submitted the letter below to Industry Canada and the Metchosin Council. As you can see, the waters that the proposed Telus tower will muddy are pristine waters. Light RF exposure is one of the hidden benefits of living in Metchosin. For those of us living within 500 meters of the proposed tower, the "is" will be a "was" unless Telus and Industry Canada listen to our concerns.

We appreciate Katarina's concern and expertise.

Kem Luther

----- Original Message -----

Subject:RF radiation levels at site of proposed Telus tower in Metchosin

Date:Tue, 05 Oct 2010 15:56:33 -0700

From:Katharina Gustavs <gustavs@buildingbiology.ca>

To:Metchosin <mayorandcouncil@metchosin.ca>

Dear Mayor and Council,

As an EMF consultant, who serves clients in Metchosin, I went to 4537 Rocky Point Road where Telus is determined to erect a cell tower. With my broadband RF meters, I took readings. To put the numbers into perspective, I have added current exposure limits, precautionary guidelines, scientific studies, and emission levels from common wireless devices. Please find the table attached further below.

As you can see, the proposed site features a beautifully low RF radiation background level--right now. There is very little RF radiation present in the cell phone frequency band. The predominant external RF radiation sources in this area are the FM transmitters on Triangle Mountain in Colwood.

You do not want to have a cell tower like the one at Colwood corners in the center of rural Metchosin. Airwaves are a natural resource just like natural forests, clean air, healthy watersheds, diverse wildlife, etc. that needs our protection. There are already enough mountain tops in Metchosin that are polluted by microwave exposure, which should be able to provide a site for a cell tower (provided that a new one is actually needed) that can be located far away enough from residences to prevent unwanted long-term health effects. There is really no need to pollute another area that has not been polluted yet.

From a health point of view, the proposed location at 4537 Rocky Point Road is one of the worst places in Metchosin to put a cell tower because it is too close to many residences. Latest scientific studies indicate that adverse health effects are observed in the vicinity of cell towers from 500 to 1,000 $\mu\text{W}/\text{m}^2$ (Kundi 2009). For your information, please find a nonexhaustive list of recent studies

attached.

And here is the link to one of the latest scientific studies on cell towers and adverse health effects: <https://app.e2ma.net/app/view:CampaignPublic/id:1401296.6799725823/rid:49a72fa744c13b2e4855614a32a15507>

With best regards,
Katharina

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