

From: Sherry Ridout [mailto:s.ridout@shaw.ca]
Sent: June 14, 2015 10:25 PM
To: 'Katharina Gustavs' <info@katharinaconsulting.com>; 'Colin Plant' <cplant@sd63.bc.ca>; 'Fred Haynes' <fred.haynes@me.com>
Subject: Presentation on cell antenna policies and microcell antennas

Katharina,

Thanks so much for the update to your presentation below and the suggestions for the Healthy Saanich Advisory Committee on moving forward with updating the Antenna Siting Policy.

The only thing I would add is that it may be wise to add a requirement in any antenna siting consultation policy that the council and public must be notified and consulted before the contract is renewed and when changes are made to the tower like adding transmitters.

This would give an opportunity to revisit the contract given any new science regarding the cumulative issues.

Thanks again.

Sherry Ridout
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From: Katharina Gustavs [mailto:info@katharinaconsulting.com]
Sent: June-10-15 8:50 AM
To: Colin Plant
Subject: Presentation on cell antenna policies and microcell antennas

Dear Colin Plant,

Thank you and your committee members for your warm welcome and for taking the issue of cell antenna siting so seriously.

Since I have received many requests regarding my presentation, I updated some of my notes.

Here is the link to the most up-to-date version:

<http://www.katharinaconsulting.com/cell-towers>

For your information, I attach the current precautionary cell antenna policy of the Municipality of Metchosin.

There are various actions that can be taken:

1. Bring the Saanich Administrative Policy for Antenna Applications in line with the latest

Amendments of Industry Canada.

- Specify a consultation process for any type of cell antenna, regardless of mounting height

2. While updating the Saanich Administrative Policy for Antenna Applications, include the

following items to promote a smarter and more sustainable development of wireless

service networks in the future, including:

- Include the precautionary principle
- Mandate to minimize ambient RF radiation exposure levels, at least in sensitive areas such as residential areas
- Specify a larger notification radius than the minimum radius stated in the Industry Canada regulations (three times the height of the transmitter): up to 500 m
- Require applicants to provide information regarding the increase in ambient RF exposure levels (6-min average and peak levels) and to demonstrate strategies on how the RF radiation exposure to the public is minimized while providing the required service

3. Approach Telus and request additional information regarding:

- RF exposure level data for the microcell network installation (6-min average and peak levels)
- Which area is covered by these microcell antennas? Just the neighborhood where they are installed or do they also serve the UVic community?
- Which strategies were employed to keep the ambient RF radiation levels in this

residential

area as low as possible? Which strategies could still be implemented?

As this project moves forward, I would appreciate to be kept informed about its progress.

Feel free to contact me if you have any further questions.

All the best,
Katharina

Katharina Gustavs

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