

Unpublished submission to Gabriola Sounder, November 2, 2011

Silva Bay cell-phone tower radiation

Dear Editor

Last month I completed a survey of electromagnetic radiation levels on Gabriola (Sounder p.6, Oct. 3). Since then, the temporary cell-on-wheels (COW) at Silva Bay has been replaced by a more permanent cell-phone tower, so I dropped by to measure its effect.

Signals from the tower are, as expected, stronger, but not that much stronger. At 200 metres from the tower, both along North and South Roads, radiation dropped below 1 microwatt per square metre, which is as low as I can measure. This is roughly 10-million times less than cell-phone users expose themselves to each time they make a call. Right at the edge of the concrete base of the tower, I saw a signal occasionally reaching 4 milliwatts per square metre. This is about 2500 times below current Canadian safety standards. All of which backs up my earlier conclusion that radiation from cell-phone towers is far less of a concern than is radiation from cell-phones. It is pointless to ban cell-phone towers but not cell-phones.

Anyone wanting the full updated report of the survey will find it at:

<http://www.nickdoe.ca/pdfs/Webp658.pdf>

Regards

Nick Doe