

***We demand better protection of Vulnerable Members of the Community from "electro-smog" (RF Emissions)***

Clearwire and other telecom companies have embarked on a relentless campaign to take advantage of a loophole in City regulations which govern the public right of way. The loophole allows carriers the right to put wireless antenna on any street in Portland. The FCC 1996 Telecom Act states that municipalities cannot prevent Telecoms from conducting business. But importantly, it does not state in what way. Both the Environmental Protection Agency and the Food and Drug Administration cite children and elderly populations as vulnerable....such vulnerability is well established. The FDA and the EPA have also said that the FCC Act does not provide adequate protection for those vulnerable populations. This then falls to the City to provide that coverage under your authority. On the basis of this we ask for the following changes in regulation to protect our vulnerable populations:

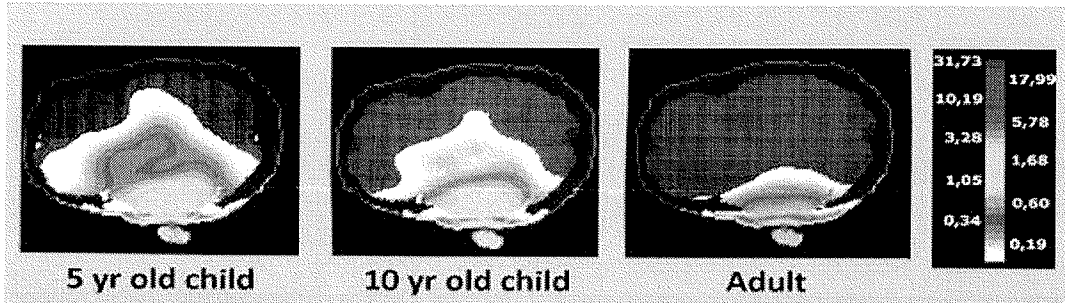
1. We ask for an **immediate moratorium** on all ROW Priority 4 applications until the City has had a chance to review regulations. Neither the FCC Act nor local jurisdiction prevents you from doing this.
2. We ask for an **immediate Public Hearing** to gather proposals for a new ordinance which will close the loophole and prevent private corporations from forcing the City to sell them the rights to our public right of way. The FCC Act does not prevent the City from doing this.
3. We ask for a **1500 foot setback** on wireless antenna from all schools and sensitive community places. The FCC Act does not prevent the City from doing this.
4. We ask the City for due diligence on this issue, by **hiring the services of an independent Radio Frequency Engineer** to inform City policy. The City's job as per the 1996 Telecoms Act is not to prove that the installation's effects are dangerous. It is to prove that they are safe.
5. We ask that the **City increase the cost of a pole permit**, currently set at \$2000 with no time limits. We ask that all new permits have time limits. The FCC Act encourages fair competition between Telecoms. The argument we have heard is from the City is that any increase in taxation or permits is unfeasible because the cost is passed to the citizens, and in a recession this is an undesirable consequence. Any fortune 500 corporate marketer will tell you, competitive pricing and service are what drives the marketplace, not taxes. Increasing permit fees are viable under new franchise agreements. There is nothing in the FCC Act to prevent you from doing this.

**About the radiation from Clearwire's wireless antennae (cell tower) not publicized by Clearwire:**

The proposed Clearwire technology uses 4G (WiMax) with a power output nearly double traditional cell towers. This technology is controversial and young children should not be subject to being guinea pigs while the science and legislation works itself out. Children absorb up to 3X the radiation of adults due to their soft skull and developing organs. We believe having the wireless installation so close to the school will not only compromise the health of students and staff who are exposed for 6 hours or more each day.

For the first time the US has acknowledged the risk, yet our safety guidelines are some of the most lenient in the world. Legislation is slow to catch up to mounting concerns in the community.

- "Studies on non-ionizing radiation have shown that children are most sensitive among all members of populations..." *President Obama's cancer panel 9/09-Martha Linet of the National Cancer Institute*



Above: Image showing radiation absorption from similar low frequency cell phone radiation (cell towers increase long term risk and developmental disorders).

However, the problem is that federal laws are based on thermal radiation (high frequency or heating of tissue) and does not recognize the health impacts of non-thermal radiation (low frequency or non-heating of tissue). In the past decade, studies without industry bias strongly demonstrate that non-thermal radiation is dangerous with ongoing exposure. The symptoms, like other forms of pollution not recognized until many years later (smoking, asbestos, BPA plastics) take many years to manifest.

- *In cell tower studies, of 971 studies to date, 652 found a significant health effect, only 138 did not. (PowerWatch) Even the EPA and FDA have challenged the FCC for not considering the effects of non-thermal radiation in their guidelines and safety standards.*
- *"Consistent epidemiologic evidence of an association between childhood leukemia and exposure to extremely low frequency (ELF) magnetic fields has led to their classification by the International Agency for Research on Cancer as a "possible human carcinogen". (American Academy of Pediatrics*
- *Germany reports a 7 fold increase in breast cancer in an area with cellular antennas.*

*A report on Sept 21st 2006 the head of cancer registry in Berlin, Roland Stabenow informed the residents that there is an increase of 7 fold in breast cancer in their area (an area with cellular antennas).*

- *A small study by GPS at the Kaplan Medical Centre, Israel, discovered a four-fold increase in cancer within 350m after long term exposure to a phone mast and a TENFOLD increase specifically in women. -Wolf D & Wolf D, 2004, Increase of Cancer near Cell-Phone Transmitter Station, International Journal of Cancer Prevention 1-2, April 2004.*
- *Many scientists are urging that we adopt the precautionary principle. (The Biological Effects Policy Advisory Group-UK). The primary purpose is to emphasize that the science does not currently indicate that there is or is not harm. So it's reasonable to be a little more careful, particularly around children.-Institute of Engineering and Technology in London.*

More information: [www.nuclearwiretower.com](http://www.nuclearwiretower.com) or [www.notabortower.com](http://www.notabortower.com)

445

**Parsons, Susan**

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**Subject:** FW: Speaking at City Council meeting October 27

Nov 17

**From:** Alison Gavine [mailto:[alison@experiencedynamics.com](mailto:alison@experiencedynamics.com)]

**Sent:** Sunday, November 07, 2010 10:02 PM

**To:** Parsons, Susan

**Cc:** 'Kimberly Koehler'

**Subject:** RE: Speaking at City Council meeting October 27

Susan

Myself and Kimberly Koehler would like to be scheduled for the City Council Meeting to speak for 3 minutes each at the first available opportunity. We would like to speak to the City members about cell tower regulation in Portland as a matter of urgency.

Can you schedule us – thanks Susan!

Alison

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✓ Kimberly confirmation received.

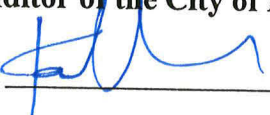
Request of Alison Gavine to address Council regarding the urgency of cell tower regulation in Portland (Communication)

NOV 17 2010

PLACED ON FILE

Filed NOV 12 2010

**LaVonne Griffin-Valade**  
Auditor of the City of Portland

By 

COMMISSIONERS VOTED AS FOLLOWS:		
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2. Fish		
3. Saltzman		
4. Leonard		
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