



## **Cell Tower Health Alert – July 2010 Update**

**Cell tower installation planned by T-Mobile at Ben Lomond Park South, Gainesville Magisterial District.** The tower will be 128 feet tall and will be approximately 200 feet from nearby homes. The proposed tower will look like a tree pole and be in the southern-most part of the 240-acre Ben Lomond Park, about 370 feet north of Lomond Drive. The monopole will have space for up to five carriers within a 3600 square-foot leased space at its base on Prince William County Park Authority land. Total special use permit area would be 12,886 square feet, including three equipment cabinets, 15-foot-wide landscape buffer and access road off Lomond Drive. **The proposed cell tower will increase the radiofrequency radiation levels in your area.**

### **STAND UP FOR YOU AND YOUR NEIGHBORS' HEALTH PWC Board of Supervisors to Hear Case on July 27**

**Oppose The Installation of this Radiation-Emitting Cell Tower!**

**CONTACT the following to tell them you do not consent to this cell tower:**

- **Owner:** T-Mobile Northeast, LLC 631-224-6651
- **Agent:** Donohue and Stearns, PLC Alex Beiro, Jr. 703-549-1123
- **Case Planner – Scott Meyer** [SMeyer@pwcgov.org](mailto:SMeyer@pwcgov.org) 703-792-6830 x6876
- **Board of Supervisor Representative, John Stirrup,** [gainesville@pwcgov.org](mailto:gainesville@pwcgov.org), 703-792-6195
- **All other Supervisors** by going to [www.pwcgov.org](http://www.pwcgov.org)

**WATCH FULL SIGNAL MOVIE (free) Thursday, July 15 at 6:30 to 8:00 PM at Ben Lomond Community Center**  
10501 Copeland Drive, Manassas, VA

Learn more about the health effects from living near a cell tower by watching this award-winning documentary film. Full Signal covers scientists around the world who are researching the health effects related to cellular technology; to activists who are fighting to regulate the placement of antennas; and to lawyers and law makers who represent the people wanting those antennas regulated. Filmed in ten countries and six US states, Full Signal examines the contradiction between health and finance, one of the many ironies of the fight to regulate antenna siting. **RSVP at** [info@centerforsaferwireless.org](mailto:info@centerforsaferwireless.org)

**To watch a trailer go to** <http://www.fullsignalmovie.com/>

**ATTEND STRATEGY MEETING, Tuesday, July 20 from 6:30 to 8:00 PM at Ben Lomond Community Center**

Representatives from the Center for Safer Wireless ([www.centerforsaferwireless.org](http://www.centerforsaferwireless.org)) will speak about the proposed tower, share strategies, and answer questions.

**PUBLIC HEARING MEETING, Tuesday, July 27 at 7:30 pm** Prince William County McCoart Administration Building, Board Chambers, 1 County Complex Court, Woodbridge and share your views about this proposed cell tower near your home with the Prince William County Board of Supervisors.

**CHECK OUT [www.BioInitiative.Org](http://www.BioInitiative.Org)** (published August 2007) for peer-reviewed, published studies on the non-thermal bio-effects of wireless emissions.

**“Studies link cell tower radiation to learning difficulties, leukemia, eye tumors, diabetes, brain tumors, fatigue, headache, damage to blood-brain barrier, DNA strand breaks, chromosome aberrations, sleep disorders, early-onset Alzheimer’s disease, autism, and cancer at EMF/RF levels hundreds or even thousands of times below limits currently established by the FCC.”**

**For more information contact: Center for Safer Wireless** 703-431-1558 Christine Hoch - Executive Director,  
[choch@centerforsaferwireless.org](mailto:choch@centerforsaferwireless.org)

**The DEC/JAN 2008 issue of The Ecologist magazine** (<http://www.theecologist.org/>), the world's most respected environmental affairs magazine, carried a report on the health impacts of wireless transmissions. The following peer-reviewed studies on health effects from cell towers ("mobile phone masts" in U.K. parlance) and other sources of RF radiation were included in the report.

**Santini et al., 2002:** 530 people living near to mobile phone masts reported more symptoms of headache, sleep disturbance, discomfort, irritability, depression, memory loss, and concentration problems the closer they lived to the mast.

**Oberfeld et al., 2004:** 97 people living near to mobile phone masts reported more symptoms of fatigue, irritability, headaches, nausea, loss of memory, visual disorder, dizziness and cardiovascular problems the higher their level of microwave exposure.

**Eger et al., 2004:** A three-fold increase in the incidence of malignant tumours was found after 5 years exposure in people living 400 metres from a mobile phone mast.

**Wolf & Wolf, 2004:** A four-fold increase in the incidence of cancer among residents living near a mobile phone mast for between 3 and 7 years was detected.

**REFLEX, 2004:** A four year study on human cells found that, after exposure to low-power microwaves, the cells showed signs of DNA damage and mutations which were passed on to the next generation.

**Abdel-Rassoul, 2007:** Residents living under and opposite a long-established mobile phone mast in Egypt reported significantly higher occurrences of headaches, memory changes, dizziness, tremors, depressive symptoms and sleep disturbance than a control group.

**Bortkiewicz et al., 2004:** Residents close to mobile phone masts report more incidences of circulatory problems, sleep disturbances, irritability, depression, blurred vision, and concentration difficulties the nearer they live to the mast.

**Hutter et al., 2006:** 365 people living near to mobile phone masts reported higher incidences of headaches the greater the closer they lived to the masts.

**Stewart report, 2000:** Research conducted by HPA [Health Protection Agency, UK] chief William Stewart advised that the main beam of a mobile phone mast should not be allowed to fall on any part of a school's grounds.

**Hecht & Balzer, 1997:** A huge review of studies which concluded a vast array of health effects, including insomnia, changes in brain-wave activity, cardiovascular problems and increased susceptibility to infections.

**Carpenter & Sage, 2007:** Conclude that an outdoor maximum exposure limit of 0.6 V/m should be set, and that Wi-Fi systems should be replaced with wired alternatives

**ECOLOG-Institut, 2000:** Found evidence for increases in immune system damage, central nervous system damage, and reduced cognitive function. Recommends an exposure limit 1000 times lower than current guidelines.

**Kolodynski & Kolodynska, 1999:** School children living near a radio location station in Latvia suffered reduced motor function, memory and attention spans.



## **Other Knowledgeable Groups**

**People Against Cell Towers at Schools.** Individually we are the people that are constantly at the school volunteering, we are the PTA board members, the class room mom, the citizen picking up trash on the side of the road. Collectively we are a group of people that, for a number of reasons, do not think Cell towers should be placed on or near school playgrounds.

<http://www.expelcelltowers.org/>

**Wired Child** Protecting Our Children from Wireless Technology

<http://www.wiredchild.org>

**Working for Safe Technologies for Nurseries, Schools and Colleges**

<http://www.wifiinschools.org.uk>.

**RespectPDX** Advocating for respectful and responsible neighborhood wireless

<http://respectpdx.org/index.aspx>

**Citizens for Safe Technology**

[www.citizensforsafetechnology.org](http://www.citizensforsafetechnology.org)

**Los Angeles Unified School District and Local U.S. Resolutions on Cell Towers**

2009 Resolution on Wireless Telecommunication Installations <http://www.cloutnow.org/>

**Report: Cell Towers and Wireless Communications – Living with Radiofrequency Radiation**

<http://www.scribd.com/doc/24352550/Cell-Tower-Rpt>