

9-30-2019

Dear Supervisors and CEO Carmel Angelo,

We are writing to you in regards to the BOS meeting 10-1-19 item # 6e,  
file # 19-0898

Discussion and Possible Action Including Requesting the Treasurer Tax-Collector to Include High Speed Internet and Cell Coverage Checkbox Survey on the Next Property Tax Bills and County GIS to Plot Results on Map (Sponsor Supervisor Williams).

We are a group of community members who have studied the effects of wireless high speed internet & cell phone radio frequency radiation on people, plants & animals and would like to give you input before you go ahead and vote on this item.

We have been in touch mostly with Ted Williams as he is representing our district (district V) and is also one of the members on the Broadband Alliance of Mendocino County and the North Bay-North Coast Broadband Consortium Oversight Committee. Some of our members attended the last Broadband Alliance Public Outreach meeting; some attended the presentation by renowned attorney & expert Dafna Tachover about Wireless Radiation & 5G on 5-23-19 in Gualala. She has spoken to many community members, numerous mayors, city council members, city attorneys, city managers, state & federal representatives throughout the United States and Israel. She would be willing to meet with you or at least speak to you via Skype. Brent Schultz and Julia Acker Krog from the Planning Department have heard about her and the city of Fort Bragg asked her to advise them. If you want to get in touch with her contact Dafna Tachover, Managing Director, Attorney (NY, Israel), MBA at (845) 377 0211 <dafna@wearetheevidence.org>, <<http://WeAreTheEvidence.org>>

She spoke at this conference, the first conference of its kind in the United States dedicated to bringing the best scientific cutting edge resources to healthcare providers on wireless radiation exposures that affect the health and vitality of every person in our country. <https://emfconference.com/> EMFC 2019

<https://wearetheevidence.org/dafna-blogs/>

<https://scientists4wiredtech.com/dafna-tachover-videos/>

Some of our members also attended the presentation by Helen Sears in Mendocino on 6-30-19 and appealed the decision to place an AT&T/Epic Wireless communication tower on Navarro Ridge. The County's Planning Commission was petitioned by 49 people not to build the Manchester AT&T/Epic Wireless communication tower in Manchester. We also have been in touch with

the Fort Bragg City Council and Fort Bragg City Hall staff over the issue of adopting fees for small cell wireless facilities in the public's right-of-way.

We are concerned with the safety and well being of all citizens, but especially pregnant women, children, adolescents, older people, people with immunodeficiency disorder and electromagnetic hypersensitivity with small cells and 5G; the evolution from 2G to 3G and adding remote radio heads to turn 4G LTE into 5G; the 5G "gold rush"; the deployment of 5G spectrum sharing and unlicensed spectrum; the demand for 5G wireless technology; and the effects of satellites that will be launched into low Earth orbit. The alteration of the Earth's electromagnetic environment may be an even greater threat to life than the radiation from ground-based antennas.

In addition to millions of new 5G base stations on Earth and 20,000 new satellites in space, 200 billion transmitting objects, according to estimates, will be part of the Internet of Things by 2020, and one *trillion* objects a few years later. The rollout of 5G at extremely high (millimeter wave) frequencies was planned to begin at the end of 2018. Small cell wireless facilities transmit dangerous *non-ionizing* waves.

<https://www.cellphonetaskforce.org/wifi-in-the-sky/>

<https://takebackyourpower.net/5g-drones-in-hawaii-skies-pushback/>

Exposure limits for radio frequency energy is much lower in countries like China, Italy, Russia and India. Italy, Switzerland, and a few other countries have instituted exposure limits that are based on the precautionary measures.

<https://ehtrust.org/wp-content/uploads/International-Policy-Precautionary-Actions-on-Wireless-Radiation.pdf>

<https://www.mendocinocounty.org/home/showdocument?id=1926>

Mendocino County Precautionary Principle adopted 6-27-2006

SB 649 was opposed by over 300 California Cities, a majority of California Counties and many government associations representing over 95% of the residents who knew that they were being taken for a ride. It was also opposed by the AARP and the Teamsters. It took the vision and courage of Governor Jerry Brown to VETO this horrible bill.

This web page lists the upcoming topics for the County's planning commission. It is astonishing to see that about a third are building related, another third relate to cannabis and another third relate to high speed internet and cell towers. Many are wanting to add RRU's in order to have 5G.

<https://www.mendocinocounty.org/government/planning-building-services/public-agency-referrals>

It would be important that all staff working at the County's planning department along with the commissioners and all members of the Board of Supervisors to get proper training about the dangers associated with this new technology.

We believe that before a survey gets included in a tax bill the citizens and County staff need to be educated. The Broadband Alliance already did extensive surveys. The County should create a subcommittee/ad hoc committee that looks at the health and environmental issues as well; that looks critically at the benefits of having no more land line phones; looks at where we can create emergency roads in areas where we have dead end roads like Albion Ridge Road & Navarro Ridge Road. We are concerned about public safety as many towers caught on fire and/or collapsed. Our fire prone area and high winds are not a good combination. <http://www.electronicssilentspring.com/primers/cell-towers-cell-phones/cell-tower-fires-collapsing/>

We can have town hall meetings to spread information, newspaper articles, use facebook and list serves. We can discuss with our communities where we want areas where we can have these services (in public places instead of everyone needing their own antenna). We can place them at community centers, libraries, museums, city halls, senior residences, and/or coffee houses.

The amount of towers that AT&T alone already built (20) and will build (14 more) in Mendocino County is incomprehensible (see attachment). In addition we have other cell tower companies building towers. They always indicate that they can co-locate, but most of the time that does not happen.

Your mission is to create and maintain a responsive and responsible government that enhances the quality of life of the people of Mendocino County and to deliver services that meet: Public safety, health, social, cultural, education, transportation, economic, and environmental needs of our communities.

Among your principles of office are to use the powers of the office honestly and constructively, communicating and promoting the needs of the community to the County and the needs of the County to the community as well as to encourage employee and citizen involvement in regulatory and policy development and to consider the perspectives of others as issues are discussed and be responsible for professional growth by participating in educational conferences, workshops, and training sessions offered by local and State organizations.

We therefore urge you not to jump into this survey right away. Would the 2020 census give us more information? Is this survey necessary? Would it be for the purpose of finding out where the County might install 5G towers and antennas? From your previous surveys (Broadband Alliance) how many people have cable-connected Internet and land-line phones? Are they satisfied? Many are paying less than they would for 5G antennas. If you decide to do this survey, can we help by crafting the questions?

What we need are fiber optic cables. Many were installed and are now abandoned (dark) as the companies can make more money with the wireless technology. The public deserves to see the maps (see where they are). Comptche for example has fiber optic cables up to a certain point. About a third of a mile up Comptche Ukiah Road a sign indicates "Caution: Fiber Optic Cable. Call before you dig." That may indicate that fiber optic cables already run along this road. The Fort Bragg City Council is now asking City staff that whenever they repair alleys or streets to put in fiber optic cables. They also passed a resolution to use fiber optic cables as much as possible. How about Ukiah with its massive plans for road alterations? An objective by the Economic Development Financing Corporation (EDFC) is to develop projects to deploy fiber-based technology to remote & rural areas of Mendocino County (see Mendocino County Digital Infrastructure Plan 2019-2025). Many people have cable-connected Internet and a land line phone that serves them well.

Many countries, states and communities are challenging the push by their governments and/or corporations. Here in the U.S. we don't get the support of the FCC as they are dominated by the industries they presumably regulate. There also has not been an update to the Telecommunications Act of 1996 in the last 30 years. What are Mendocino County's laws & regulations as far as wireless high-speed internet, cell phone technology, 5G and health and well being of their citizens is concerned? Cell tower radiation is linked to cancer in human blood.

Why can we in Mendocino County not stand up? We were successful when we addressed unsustainable logging practices, GMO, water bagging, etc.

[https://takebackyourpower.net/empowering-municipalities-to-meet-the-5g-land-grab-challenge/?utm\\_source=ActiveCampaign&utm\\_medium=email&utm\\_content=A+vital+movement+update+%5Bnew+article+to+read%5D&utm\\_campaign=5G19](https://takebackyourpower.net/empowering-municipalities-to-meet-the-5g-land-grab-challenge/?utm_source=ActiveCampaign&utm_medium=email&utm_content=A+vital+movement+update+%5Bnew+article+to+read%5D&utm_campaign=5G19)

<https://scientists4wiredtech.com/cities/>

What are your thoughts?

We want to thank you for your efforts, energy and interest to help people in this County. We realize that there is a digital divide and realize the importance that this technology is accessible as long as it is safe for anyone. We would be glad to meet with anyone and are willing to come to Ukiah if necessary. Unfortunately we can not attend tomorrow's meeting. Please mention at the meeting that you did receive input about this item. Thanks.

Sincerely,

Annemarie Weibel

Helen Sears

Justine O. Battersby

Here are some links. We apologize for the long list.

<https://whatis5g.info/>

[https://ehtrust.org/wp-content/uploads/5G\\_What-You-Need-to-Know.pdf](https://ehtrust.org/wp-content/uploads/5G_What-You-Need-to-Know.pdf)

<http://emfsafetynetwork.org/wp-content/uploads/2018/02/EMFSN-brochure-2019-update-hi-res.pdf>

<https://ehtrust.org/former-president-of-microsoft-canada-frank-clegg-on-safety-5g-wireless-technologies/>

<https://assembly.coe.int/nw/xml/XRef/Xref-XML2HTML-en.asp?fileid=17994>  
The potential dangers of electromagnetic fields and their effect on the environment

<https://www.telecompowergrab.org/science.html>

<https://dailyclout.io/opinion-why-isnt-our-government-protecting-us-environmental-health-trust-resources-alert-on-health-risks-of-5g-rollout/>

<https://ehtrust.org/scientific-research-on-5g-and-health/>

<https://scientists4wiredtech.com/what-are-4g-5g/4g-5g-small-cells-what-you-need-to-know/>

<https://ehtrust.org/peer-reviewed-published-science-on-radiation-from-4g-5g-small-cell-wireless-antennas/>

<https://www.niehs.nih.gov/health/topics/agents/cellphones/index.cfm>

<https://www.ncbi.nlm.nih.gov/pubmed/26372109>  
Electromagnetic hypersensitivity-an increasing challenge

<https://forbiddenknowledgetv.net/first-5g-rollout-in-ca-causing-brain-damage-to-firefighters/>

[https://ntp.niehs.nih.gov/results/areas/cellphones/index.html?utm\\_source=direct&utm\\_medium=prod&utm\\_campaign=ntpgolinks&utm\\_term=cellphone](https://ntp.niehs.nih.gov/results/areas/cellphones/index.html?utm_source=direct&utm_medium=prod&utm_campaign=ntpgolinks&utm_term=cellphone)

[https://www.niehs.nih.gov/health/materials/cell\\_phone\\_radiofrequency\\_radiation\\_studies\\_508.pdf](https://www.niehs.nih.gov/health/materials/cell_phone_radiofrequency_radiation_studies_508.pdf)

<https://www.niehs.nih.gov/health/topics/agents/cellphones/index.cfm>

Cell phones are currently used by 95%\_of American adults. This is about cell phone radio frequency radiation.

<https://ehtrust.org/science/bees-butterflies-wildlife-research-electromagnetic-fields-environment/>

<https://ehtrust.org/key-issues/cell-phoneswireless/5g-internet-everything/20-quick-facts-what-you-need-to-know-about-5g-wireless-and-small-cells/>

[http://ethics.harvard.edu/files/center-for-ethics/files/capturedagency\\_alster.pdf](http://ethics.harvard.edu/files/center-for-ethics/files/capturedagency_alster.pdf)  
How the FCC is dominated by the industries it presumably regulates.

<https://www.cbinsights.com/research/corporations-5g-future-connectivity/>

<https://ehtrust.org/5g-and-non-ionizing-radiation-in-house-and-senate-proposals-of-national-defense-authorization-act/>

<https://ehtrust.org/key-issues/electromagnetic-field-insurance-policy-exclusions/>

<https://sites.google.com/site/understandingemfs/legal-issues>  
EMF's & legal issues

[https://principia-scientific.org/lloyds-insurers-refuse-to-cover-5g-wi-fi-illnesses/?fbclid=IwAR02Lhrl2Kz4IurPhf9Lcq3ilAB10BLju2s4oQYpYNqlp6lwJUkDh\\_M0agk](https://principia-scientific.org/lloyds-insurers-refuse-to-cover-5g-wi-fi-illnesses/?fbclid=IwAR02Lhrl2Kz4IurPhf9Lcq3ilAB10BLju2s4oQYpYNqlp6lwJUkDh_M0agk)

<https://ehtrust.org/science/whoiarc-position-on-wireless-and-health/>

<https://bioinitiative.org/>

<https://www.cellphonetaskforce.org/5g-space-appeal/>

The International Appeal to Stop 5G on Earth and in Space has now been translated into 30 languages. It has been signed, thus far, by 130,000 individuals and more than 1,100 organizations from 203 countries and territories. They include:

3,381 scientists

1,913 medical doctors

5,848 engineers

3,525 psychologists, psychotherapists and social workers

3,052 nurses