

Name: Eric Windheim

Topic: Moratorium on RF

Comment: I'm a Certified Building Biology Environmental Consultant & Certified Electromagnetic Radiation Specialist. In 1959 his family boated from Camp Richardson to Meeks Bay: I was awed by the natural beauty of the pristine lake and basin then and now 61 years later. Sadly, it looks like big city wireless radiation toxicity is proliferating without true environmental review or constraints in the Tahoe basin. Cell towers are sprouting up in residential and wildlife areas.

Since the TRPA Regional Plan of 1987, the Update of 2012 and the 2015 Threshold evaluations did not discuss or evaluate the wholistic impact of WRTF facilities on the environment and its inhabitants. I urge you to create a temporary moratorium, right now, until you do so. This will mean a ban on consideration, construction or upgrade of any and all WRTFs immediately. Other commenters will supply the studies and papers that clearly document the harm, injury and damage that Radio Frequency Radiation (RFR) has on all living things, worldwide and in the Tahoe Basin. More and more the American People are waking up to the hazards of WRTFs and the false safety purported by the FCC and industry organizations. Unwitting reliance upon so-called thermal only safety guidelines adopted or created by the agencies and organizations that are captured by or serve the wireless industry is not wise or defensible.

A captured agency like the FCC can't be relied upon to protect the Tahoe basin. Please see this link for documentation on how the FCC is captured: https://ethics.harvard.edu/files/center-for-ethics/files/capturedagency_alster.pdf

Above all, people do not want these WRTF anywhere near their homes or schools. My profession as a Building Biologist and Electromagnetic Radiation Specialist is based in science and uses nature as a model. The goal for clients is to detect, measure, assign a risk level, suggest & effectuate solutions that reduce the EMF exposure in the house. When they do, both clients and their pets feel better: this is one reason he gets about half of all his clients from medical doctors and pediatricians in particular. I see the tremendous pain, suffering injury and damage.

Name: Josh Moore

Topic: 5G Rollout

Comment: I'm very concerned about the coming 5G systems that are already appearing around the Lake. I don't want them, and don't know anyone here who wants a 5G transmitter anywhere near them. My understanding is, however, that they need to be close to all of our residences because of their limited range. I'm shocked to hear that you haven't even looked at the dangers of these things. Please don't force these down our throats without looking carefully at all the evidence of their harm on the environment and our local population!

Name: Steven Veit-Carey

Topic: Cell Towers

Comment: I'd like to direct your attention to FCC bulletin No. 65, section 4, entitled Controlling Exposure to RF Fields. This is the current standard that all cell companies are familiar with and has been around

for 20 years. The FCC could not foresee microcell towers in neighborhoods and thought cell antenna would only be on top of tall buildings and on remote ridge tops. Their concern was for people in office buildings and high rise hotels that would be close to these RF emitting antenna. They never thought the general public would ever be close enough to be exposed. The bulletin states that compliance requires that people who will be near broadcast antennas should not get any closer than 15 meters (or just under 50 feet). The bulletin goes on to say that when accessibility to cell antennas is restricted within the 50 foot perimeter the facility can then certify that it complies with FCC requirements. In addition, bold print states that the FCC is worried about exposure limits not emission limits. This brings in a time factor. The longer you are in an RF field the more exposure you have (sort of like a sun burn). This comes in to play when maintenance workers need to work inside the 50 ft. restricted area. The FCC guidelines state, "The work may have to be divided up and carried out during several intervals of time." The occupational exposure time recommended by FCC guidelines is six minutes. The FCC is serious about this as they imposed fines of \$85,000 on two cell phone companies that co-located on top of an apartment building for not securing a 50 foot perimeter.

Name: Susan

Topic: Cell Facilities

Comment: We need a temporary moratorium now to stop and reflect on what you are unintentionally allowing to happen. Profits for the telecom industry profit at the expense of the environment. Solid science that shows a serious threat to the environment from this complete failure to address the issue. TRPA's mission is to preserve your ability to protect the environment from his threat. It may already be too late in some areas, but you can at least prevent further degradation if you act now to impose a moratorium on any new wireless facilities.

Name: Tracy Reinhard

Topic: RF Towers

Comment: Please make sure the cell tower projects are safe before implementing them. As a resident of beautiful Tahoe, I'm not sure about this technology being the most helpful right now in combating the Covid-19 19 pandemic, due to the super frequencies and because she's no scientist she always makes sure the microwave door is closed before nuking food. I know the environment means a lot to you as we fight as a team for the Tahoe basin. Putting tower projects on hold could make sense as we have a new pandemic to deal with in addition to the unknowns of this super tech towers. Our collective and individual immune systems are most vulnerable due to the pandemic, before the pandemic we were worried and now we feel the towers will not help the situation but only accelerate the demise of health of living things in the Tahoe basin.

Name: Ben Lebovitz

Topic: Cell Towers

Comment: My concern is over the impeding efforts to install cellular infrastructure that is injurious to the neighborhood. The evidence is overwhelming and the public outcry for support to the constituents residing in the basin is alarming. A petition demanding an immediate moratorium on all cellular facilities has reached over 3,600 signatures. The applications provided from the telecom industries have been

riddled with errors, from distance to buildings, property land coverage errors and would exist upon previously marked sensitive TRPA land and waterway maps, errant presentations of visual impact and deceptively displaced natural and protected creeks to appease the presentation. It is unlawful that a consideration to produce cellular infrastructure with falsified information be considered and approved.

The city and TRPA have an important decision to thoroughly fact check against the evidence presented and can win. Pressuring big wireless to install fiberoptic infrastructure to support their mission will not only protect the lives and environmental executive orders but achieve a goal of support. The language around fear for communication during forest fires is a fake threat. The cellular towers above ground are a grave threat to the safety and health during a forest fire. They would be the first to erupt and would limit our potential communication during an emergency. Having updated fiberoptic infrastructure would provide greater safety for the community and preserve the natural and environmental concerns. Additionally, city owned fuse boxes and harsh penalties would allow the city to retain financial gains in the threat of big wireless greed.

Many cell towers also require construction and installation of a diesel tank for an emergency generator. A leak of any sort above ground or into the water table from any of these facilities could cause catastrophic and irreversible damage to the lake, its scenic shoreline, and the intermediate wetlands and riparian areas that are habitat for aquatic life, waterfowl, and fragile alpine plants. It could also contaminate drinking water wells. A diesel spill would cause direct poisoning of wildlife and plants. A spill or leak could occur from a fueling accident, corrosion, or cracking of the tank through earthquakes, land subsidence, frost heaving, extreme thermal stress, or by blunt impact from the falling of any of the many surrounding pine trees during a violent winter storm. It would also be advantageous to consider space for community maker space within the event structure. I would be happy to offer some research on how this could benefit the community and the popularized systems for member-based access to create at a local level. Something so important to continue to produce craftsmanship and quality to last within a local footprint.

Thank you for your consideration and continued support to our community. Please enact an immediate moratorium on all cellular infrastructure and hear the people's cry.

Name: Lee Afflerbach

Topic: sWTFs.

Comment: From CTC Technology and Energy: "each small cell is capable of almost putting out the same energy as one macro cell. The radios that they are using are the exact same radios that are up on the macro towers. It's not a different technology, it's the same boxes as on macro towers. He sees them all the time."

The following comments are relevant to turning off all Small Cells in the Tahoe Basin during the coming COVID-19 community spread. Rea the relevant correspondence with the City of San Francisco at these links: scientists4wiredtech.com/sebastopol/#death and scientists4wiredtech.com/covid19/#fail The TRPA can take immediate action to stop the melatonin suppression and immuno-suppression of the Tahoe basin population caused by unnecessary, insufficiently regulated, forced exposures to hazardous, pulsed, data-modulated, Radio-frequency Electromagnetic Microwave Radiation (RF-EMR) for strictly frivolous entertainment purposes. These sWTFs are unnecessary, ancillary and frivolous sources of

entertainment; they are not needed for making emergency calls — we could already do that in Tahoe basin — without any of these sWTFs."

Name: Nikki

Topic: Moratorium on RF Facilities

Comment: As you know there is a great deal of controversy surrounding 5G human health and environmental impacts. I'm writing this letter as a 20+ year environmental professional who has provided information on environmental and human health for decades; with a focus on 5G and related technologies currently. The information provided below is a collection of topics that will demonstrate irrefutably, the negative impacts of 4G/5G on the environment and how it exacerbates the already threatening, wildfire potential throughout the basin. You must exercise the precautionary principle and call for an immediate moratorium on the installation of these towers and lamp/light posts. In approving these towers, you will never meet TRPA's legal mission or environmental goals.

There are nearly a billion and a half insects on Earth and without them, humans will not survive. These are not simply ""bugs"", but orders of animals that are the foundational to ecosystem health. The bulk of them are pollinators, many also serve primary and secondary sources of food - for everything from other insects themselves, to bird, bat, small mammal, amphibian, reptile and other animals found in the Tahoe basin and throughout the world. While there are many threats surrounding their losses one of the greatest is cell tower emissions. Since the early 2000's through today around 250,000 2G and 4G towers have been installed, with current 5G millions more have been added. These towers all add to the microwave and millimeter wave (mmWave) frequencies that are overwhelming them. Regarding ecosystem impacts: fewer insects means fewer flowering plants in the region's meadows, grasslands, marshes, and forests. You will see via info below, how 4G/5G mmWave technology impacts these and other pollinators and why it needs to be halted immediately throughout the basin.

If we lose the millions of species of insects and animals that make up the great pollen nation within the next handful of years - and we will if 5G/ IoT is successful - the result will be a final implosion of our food and ecosystems. We will lose animals that have coevolved with flowering plants for millions of years. Plants that we need for food, oxygen, soil stabilization, soil remediation, water and moisture, retention and release, and of course psychological health. ""Health and safety"" testing of 5G has been fast-tracked by the FCC - a five member entity composed of telecommunication executives. Unfortunately, they neither excised, nor utilized, any meaningful amount of environmental or biological research in regard to 5G. They utilize no independent physicians or scientists as consultants.

5G's spectrum mmWave technology is deadly to insects, birds, bats, amphibians and a host of other animals - including humans."

Name: Florio

Topic: Moratorium on Cell Towers

Comment: My job here is to expose Radiofrequency Radiation (RF) impacts leading to the extinction of the great pollen nation: the scope of winged and terrestrial insects, birds, bats, small mammals, primates, salamanders, and other animals that pollinate the bulk of Earth's flowering plants in both ecosystems and food systems. Pollinators are responsible for pollinating the nutrient dense foods that

have allowed humans to evolve into the species we are today. Below are some of the impacts, the studies correlating these impacts are numerous.

Insects: Lake Tahoe: Ants, beetles, bees, butterflies, moths, mosquitoes, dragonflies etc.

~ EMFs damage to insects' exoskeleton; primarily to the chitin, leaving them susceptible to bacteria ~ 5G frequencies impact both the antenna and bodies of insects essentially penetrate insects' bodies resulting in ""cooking"" them; ""causing fever-like impacts that affects their behavior, physiology and morphology."" ~ EMF Impacts on bee navigation.

Animals: ~ Damage ranges from cellular damage to neurologic impairment.

Soils: Lake Tahoe: meadows, marshes, forest. ~ Damage to soil microbes and cell walls of fungi/chitin ~ Towers Significantly effects microbial diversity and alters vital systems in microbes ~ Increases susceptibility of pathogens.

Plants and Trees: Lake Tahoe: grasses, wildflowers, domesticated flowers, shrubs, conifers, deciduous.

In a nutshell, 5G will wreak havoc on plants throughout the basin. Plants and trees absorb mmWaves. From the splitting of DNA/RNA in plants; resulting in toxicity, to gross increase in terpenes (100x) exacerbating forest stress and influencing explosive fires. High frequency towers will mean distressed trees surrounding the towers, and toxic plants - no more backyard gardens, pollen in conifers themselves will be toxic, flowering plants will be toxic for insects, butterflies, hummingbirds, and other pollinators. Damage to trees near towers - see email (see link in emails you received from 3.23.20: TRPA Requested Moratorium on 5G - Env Health and Wildfire Impacts) In essence, 5G will wipe out the bulk of insects, birds, bats, small mammals and other animals in the basin within an extraordinarily brief timeframe. As noted in an earlier meeting, when you go to areas that have 5G you hear only silence. Dr. Martin Pall Biomedical Professor of WSU recently stated that ""5G is the stupidest idea in the history of the world."" Utilize the precautionary principle. Keep the environment safe from this deadly technology."

Name: Peggy

Topic: Cells

Comment: As the telecom industry accelerates their deployment of cell towers in the Tahoe Basin, it occurs to me and others that the TRPA has no master plan in place to protect Tahoe's scenic and environmental integrity. In my neighborhood of Al Tahoe on the south shore, there have been several unsightly small cell (5G) installations in the public right of way. This is happening in most south shore residential neighborhoods. The recent city approval of a 112 foot mono tower in a view corridor residential neighborhood on Ski Run Blvd. is a further assault to the scenic corridor. Other existing large cell towers like the one in the Tahoe Keys are unsightly and cause questions like, "how did that get approved". Your attention to this matter is needed before this situation gets completely out of control and possibly irreversible. The request is for the TRPA to put in place a temporary moratorium until environmental concerns can be addressed.