

**From:** [Chantal Lafont](#)  
**To:** [Kaitlynn Nelson](#)  
**Subject:** june 2nd hearing  
**Date:** Wednesday, May 26, 2021 4:00:29 PM

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I am very concerned about the code as written at this time. I do express my desire that it must be revised and drastically modified, including the following:

1. Form a citizen advisory board to properly revamp the code.
2. Application notice and hearings for all wireless facilities.
3. Reasonable setbacks and limits on placement.
4. Limits on wattages when near homes and public gathering spaces.
5. Independent testing of on the ground EMF exposure levels before, after, and randomly to verify compliance.

thank you for your consideration,

Chantal lafont  
360 446 2769

**From:** [Arturo Alonso](#)  
**To:** [Kaitlynn Nelson](#)  
**Subject:** Thurston County Wireless Code update  
**Date:** Friday, May 28, 2021 12:44:15 PM

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Kaitlynn Nelson  
Long Range Associate Planner  
Thurston County

Dear Ms. Nelson,

I write this letter as a concerned citizen of Thurston County. As I read through the new Thurston County Wireless Code update, I can safely say that it does not offer me and my family any voice, input or notification on what could be right outside my home. The new code needs to be fair to all the citizens of our beautiful county therefore I ask for:

- A citizen advisory board to properly modify the code.
- Application notice and hearings for all wireless facilities.
- Reasonable setbacks and limits on placement.
- Limits on wattages when near homes and public gathering spaces.
- Independent testing of on the ground EMF exposure levels before, after, and randomly to verify compliance.

I know that a fair and effective code can be created. Let's make Thurston County a trendsetter in this regard.

Sincerely,

Arturo Alonso  
Yelm, WA

**From:** [June](#)  
**To:** [Kaitlynn Nelson](#)  
**Subject:** Wireless code in Thurston County  
**Date:** Sunday, May 30, 2021 9:57:02 AM

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Dear Mx Nelson,

I am very concerned about the speed and lack of planning for the wireless code amendments of Thurston County codes. As these decisions affects every citizen in TC, I strongly recommend the Board of County Commissioners do the following -

1. Form a citizen advisory board to properly revamp the code.
2. Establish application notice and hearings for all wireless facilities.
3. Determine reasonable setbacks and limits on placement.
4. Establish limits on wattages when near homes and public gathering spaces.
5. Establish independent testing of on the ground EMF exposure levels before, after, and randomly to verify compliance.

And many more items that need to be researched, reviewed, and determined for the safety of county residents prior to code approval.

Sincerely,

June Brown

16334 143<sup>rd</sup> Ave SE

Yelm, WA 98597

253 380 8256

**From:** j  
**To:** [Kaitlynn Nelson](#)  
**Subject:** The 5G rollout is part of the evil, nefarious plan to "mark" every human on the planet.  
**Date:** Tuesday, June 01, 2021 11:17:00 AM

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Please, PLEASE, PLEASE every county commissioner and member of the planning department due YOUR RESEARCH on the safety dangers of 5G. The RUSH to rollout out this new and untested technology nation....worldwide should be a huge RED FLAG to each of you. Your children and those of the future generations needs your due diligence to investigate this technology.....the telecom companies have even told Congressional hearings that THEY HAVE DONE NO RESEARCH ON THIS NEW 5G!!!! AND THEY DON NOT INTEND TO DO ANY!! Again, please PLEASE PLEASE do your own research!!

[5G APOCALYPSE - The Extinction Event - YouTube](#)

[UN Staff Member: 5G Is War on Humanity \(takebackyourpower.net\)](#)

**From:** [Tom Dewell](#)  
**To:** [Kaitlynn Nelson](#)  
**Subject:** TC wireless code update - public comment  
**Date:** Tuesday, June 01, 2021 3:56:23 PM

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Hi Kaitlynn,

Quoting from the US National Library of Medicine, National Institutes of Health article dated 15 Jul 2020 entitled "Health risks from radiofrequency radiation, including 5G, should be assessed by experts with no conflicts of interest", the writers say the following:

"Most politicians and other decision-makers using guidelines for exposure to radiofrequency (RF) radiation seem to ignore the risks to human health and the environment. The fact that the International Agency for Research on Cancer (IARC) at the World Health Organization (WHO) in May 2011 classified RF radiation in the frequency range of 30 kHz to 300 GHz to be a 'possible' human carcinogen, Group 2B ([1,2](#)), is being ignored."

"Since the IARC evaluation in 2011 ([1,2](#)), the evidence on human cancer risks from RF radiation has been strengthened based on human cancer epidemiology reports ([9-11](#)), animal carcinogenicity studies ([12-14](#)) and experimental findings on oxidative mechanisms ([15](#)) and genotoxicity ([16](#)). Therefore, the IARC Category should be upgraded from Group 2B to Group 1, a human carcinogen ([17](#))."

(References here: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7405337/>)

Much more is contained in the cited article. The basic point is that RF radiation technology starting back with the initial cell phone technology has been under-researched and/or the negative research has been suppressed due to the conflicts of interest between the industry, the regulators and the legislators. This is a multi-trillion \$ industry with deep roots in the regulatory agencies and the national Congress. Rolling out 5G with its required very dense antenna arrays without sufficient scientific, proven evidence relating to safety is irresponsible at any government level, including the county.

The dubious appeal of streaming HD movies to our phones and having self-driving cars is driving the push to introduce this technology without due diligence being done. The health of the people that the county of Thurston is responsible for should be greater than the demands of an industry that has been less than transparent since its inception.

Best regards,

Tom Dewell  
18838 Sorenson Rd SE  
Yelm, WA 98597

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This email has been checked for viruses by AVG antivirus software.  
[www.avg.com](http://www.avg.com)

**From:** [Josh](#)  
**To:** [Kaitlynn Nelson](#)  
**Subject:** Additional Comments - Draft Wireless Code  
**Date:** Tuesday, June 01, 2021 5:52:33 PM  
**Attachments:** [Chart of Types and Specs2.pdf](#)

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Planning Commissioner, Commissioners, and Staff,

According to staff statements, the rewrite of the wireless code had two goals, bring the code into compliance with current FCC rules, and give county permit staff clear guidance on applications for wireless facilities that the current code does not address, specifically small wireless facilities (SWF).

Unfortunately the draft code accomplishes neither very well. Let me give you a few of the more concerning examples. First the rules for a SWF in the right of way (ROW) on a new structure are basically non-existent. There are some basic rules for size of the antenna and equipment boxes, but literally nothing for setbacks, spacing, power levels, minimum heights, design, configuration, etc. We asked staff about this and the response was, and I quote, "it's very possible it was forgotten". This is understandable given the complexity of the code and FCC rules, but it must be addressed.

There are spacing and setback rules for collocated SWFs, and new SWFs on a new structure on private property. But a SWF in the ROW, **nothing, zero**. So if you pass this draft on, it's the wild west for wireless companies in the ROW, you could have 60 new poles on the same block all spaced differently, with different heights, different designs, configurations. No one wants that and I am sure that's not the intent, so it needs to be fixed.

This isn't just an issue with SWFs on new structures in the ROW, throughout the code is a general lack of specificity. We would not allow 6 different styles of street light in a neighborhood, but if it's a wireless facility, we leave it up to the applicant to decide. We ask that it fit with the neighborhood, but there are no meaningful standards in the code, no consequences when they vary, and no inspections to insure compliance.

Why would a wireless company put a tower/pole where it's not needed? Simple, the poles/towers, especially with SWFs are applied for and installed by specialty companies that then lease space to wireless providers. They want to put up and lease as many as they can, it's how they make money.

This can lead to dozens of facilities in one area and zero elsewhere, simply because it costs more to spread them out or install the needed fiber and power. This creates a glut of coverage in one area and a gap in another. It does not serve the county or its citizens to allow this and can create unsafe RF levels in the area of concentration in violation of FCC rules.

Throughout the draft code we ask that wireless companies *attest* to compliance with building codes, federal laws, etc, without requiring proof or verification by county staff or even listing what is required so the staff can verify. This is simply unacceptable. In court case after court case throughout the US, wireless facilities are being found lacking FCC required licenses, NEPA checklists, and environmental assessments; with the applicant falsely claiming an exemption to the locality. Structures are being found not to meet electrical and structural codes or are strained beyond their limit with collocations the existing structure was never designed to support. They are regularly found in excess of FCC "safe" Radio Frequency (RF) exposure limits, especially where facilities overlap signals. They also catch on fire and fall over with some frequency. We want **proof** of license, compliance, and exemptions, **not attestations**. And we want county inspections just like any other building project.

The draft code also fails in its goal of compliance with the FCC. While it may bring us into compliance with the things wireless companies are most likely to have issue with, it is out of compliance with the things meant to protect citizens and the environment, and prevent poorly placed facilities. The FCC rules limit RF radiation exposure levels. These limits are based on the thermal effects of RF radiation which all wireless emits. According to the FCC the levels must be measured on location, wherever a person may reasonably be. This is not addressed in the draft code. The draft code only requires that a licensed

Washington state engineer or a qualified RF engineer, hired by the wireless company, *state* (not test) that the facility meets FCC safety standards. There are several problems with this. First, you can only verify that the FCC limits are actually within standard by onsite measurements in the range of the tower after the facility has been installed. You have to take into account not only the emissions of the new tower, but the emissions of *all* overlapping RF source in range, and how they bounce off, travel through, or bend around buildings, trees, hills, etc. Prior to installation and activation this is only an estimation of compliance. Compliance can only be verified with onsite testing after installation. The highest levels may be hundreds of feet from the facility itself where the main wave hits a child's second story bedroom or intersects with another facilities RF wave. Compliance with this is no more optional than any other FCC rule, and since it has to do with safety, it is arguably the rule you should be most concerned about in the code. Unless the wattage's are extremely low, a claim of safety without county or independent on location testing simply does not hold water.

See FCC 1.1310 for RF exposure limits: [https://www.ecfr.gov/cgi-bin/text-idx?SID=37772b0f843c962e2b5a6da835a85f2a&mc=true&node=se47.1.1\\_11310&rgn=div8](https://www.ecfr.gov/cgi-bin/text-idx?SID=37772b0f843c962e2b5a6da835a85f2a&mc=true&node=se47.1.1_11310&rgn=div8)

Further there must be continual testing as software upgrades, changes in frequency, minor changes in orientation, changing antennas, wattages, new structures in the area, addition of external home mounted wireless devices, etc. may change wave concentration and propagation patterns increasing RF levels in spots or the entire area beyond FCC safe limits. The FCC does no onsite facility testing unless there is a complaint. They assume municipalities will do it. For the safety of our citizens, we must.

The FCC limits wattage's in home wireless devices to 0.1 watt. Higher could result in RF levels surpassing FCC thermal safety limits near the device. These 0.1 watt devices can have ranges up to 2.5 miles and support dozens of connections. SWFs can have wattage's in the thousands with ranges of dozens of miles. Putting a facility with even a few hundred watts within a several hundred feet of homes, play areas, gardens, sidewalks, etc. could result in RF exposure levels over the FCC limits. Facilities with wattages in the thousands need to be set back hundreds if not thousands of feet from areas of human use comply with FCC RF exposure limits. There is simply no need and no FCC requirement to put wireless facilities of more than 0.1 watt near dwellings, or anywhere people are, especially if there is not a significant gap in coverage. We can and should limit power ratings near homes and areas of regular human use as well as require significant setbacks.

The FCC also requires an environmental assessment (EA) when wireless facilities "Result in human exposure to radio frequency radiation in excess of the applicable safety standards specified in §1.1307(b)", this also triggers SEPA. This means all facilities, including SWFs, over 1000 watts and less than 32 feet high require an EA and SEPA because they *always* result in exposure levels over legal limits on the ground. With 5G facilities this describes most of them. Lower wattage facilities and overlapping facility ranges can trigger an EA as well. Yet if it fits in a 3 cubic foot box the draft code assumes it's exempt. This is simply not the case and must, by law, be addressed. There are also a myriad of other reasons an environmental assessment must take place for facilities in the ROW, including sighting a pole on a street that doesn't have any above ground utilities, or if the new pole/structure is more than 10% or 20' taller than existing structures in the ROW. These apply to collocations and eligible support structures as well. None of these EA requirements addressed in the draft code.

See FCC Rules 1.1306, 1.1307, 1.1310 for specifics:

1.1306: [https://www.ecfr.gov/cgi-bin/text-idx?SID=37772b0f843c962e2b5a6da835a85f2a&mc=true&node=se47.1.1\\_11306&rgn=div8](https://www.ecfr.gov/cgi-bin/text-idx?SID=37772b0f843c962e2b5a6da835a85f2a&mc=true&node=se47.1.1_11306&rgn=div8)

1.1307: [https://www.ecfr.gov/cgi-bin/text-idx?SID=37772b0f843c962e2b5a6da835a85f2a&mc=true&node=se47.1.1\\_11307&rgn=div8](https://www.ecfr.gov/cgi-bin/text-idx?SID=37772b0f843c962e2b5a6da835a85f2a&mc=true&node=se47.1.1_11307&rgn=div8)

1.1310: [https://www.ecfr.gov/cgi-bin/text-idx?SID=37772b0f843c962e2b5a6da835a85f2a&mc=true&node=se47.1.1\\_11310&rgn=div8](https://www.ecfr.gov/cgi-bin/text-idx?SID=37772b0f843c962e2b5a6da835a85f2a&mc=true&node=se47.1.1_11310&rgn=div8)

What about sighting, there has to be some rules in the draft code about not putting these in the middle of a view window, or ripping out a prized azalea hedge row, or a required offset from your driveway? Nope, this again is non-existent for new SWF structures in the ROW. Even at very small wattage's there is massive wiggle room (miles in most cases) for placement of a WF with virtually the same effect. A placement in front of or next to a house is simply not needed to satisfy gaps in coverage or really for any reason beyond super low wattage facilities (<0.1 watt), which they never are.

The draft code also fails to give adequate direction to staff. It asks for “detailed explanations” but says nothing about what those explanations require. It asks for all “requisite licenses” but no list of what those are. It requires a verified statement of safety, but no instructions on how the staff is to verify it, what the safety limits, or how to make a preliminary determination before physical testing can be done. It has a complete lack of direction on facilities that cross over, when a type I process - administrative decision must become a type III process with a hearing examiner. This happens when an EA is required on a SWF in the ROW. But the code doesn’t say that anywhere, nor does it explain how a staff would determine that or what the process is. It also does not define when an EA is required for SWFs in the ROW. Are we to assume that both staff and applicants are experts on the FCC rules and the correct county processes will always be applied even when directed in the code? If they are, why was one of the staff goals of the rewrite to clarify instructions for staff reviewing applications? Why have code at all if there are going to be significant gaps in what’s defined, covered, and specified? I had to read the code 5 times and create a chart to understand even the basic rules in the draft code (chart attached for your reference). You cannot leave things out and make assumptions. No other code does this.

Thurston County is going to be inundated with lawsuits from citizens and home owners associations if you do not respect people’s yards and homes with significant setbacks and notice to people in range, do the required testing, and insure compliance with FCC required Environmental Assessments and SEPA.

SWFs in the ROW put on an existing structure give **zero notice** to the adjacent or nearby home owners, they are just installed. New SWF structures in the ROW give 3 days notice before installation, that’s it, and can be placed literally anywhere in the ROW. This leaves residents with no choice but to go to court and get an emergency injunction. Many can’t afford that or don’t know that’s an option. Instead they will take it out on the installers or county staff and show up at public meetings to state their displeasure.

If the allowed installation causes losses in property value, damage to property, etc. monetary damages from the county can be awarded. If it causes physical harm, liabilities for the county could be in the millions. On the other hand, if a wireless company sues for non-compliance with any FCC rule, there are no monetary judgments, a judge can only order compliance. It is in the county’s best interest to insure that citizens are protected over wireless interests, the draft code does not do this.

This draft code is just irresponsible. Pro-wireless or not, everyone deserves the right to be heard about something going in their neighborhood or in front of their house. Everyone deserves due processes, this is a legally preserved right. The county should decide, within reason, where these facilities should be located, how they should look, standard heights, spacing, setbacks, it should not be a free for all. Even the FCC recognizes that property values considerations trump wireless placement, and the federal government preserves the right of municipalities to manage our rights of way, our code should as well.

Much of the issues with placement, setbacks, etc. can be addressed by adding a few simple lines to the draft code. First, add significant setback, and spacing requirements for all wireless facilities, especially when near dwellings and public spaces. Second, add a variance process allow exceptions for gaps in coverage. As long as there is a variance process you are not prohibiting wireless. In order to grant the variance you simply require two things. First, that there is a significant gap in coverage that this variance would help remedy. And that the sighting, design, and configuration are the least intrusive means of remedying that gap. This will keep wireless facilities to only where they are actually needed and as long as there is a variance process you are not in violation of FCC rules.

I am representing a group called Thurston County Citizens for a Sensible Wireless Code.

Here is what we are asking for:

<!--[if !supportLists]-->1. <!--[endif]-->Code needs extensive work before going to the BOCC

<!--[if !supportLists]-->2. <!--[endif]-->A citizen advisory board is clearly needed to help with code development to insure citizens are respected, given proper notice, and ability to comment on applications and be compliant with the FCC.

<!--[if !supportLists]-->3. <!--[endif]-->Physical RF safety testing by the county within the range of any wireless facility should be mandatory before, after, and randomly. It is the only accurate way to verify FCC compliance.

<!--[if !supportLists]-->4. <!--[endif]-->Significant setbacks from all dwellings. 1500' or more unless wattage's are very low.

<!--[if !supportLists]-->5. <!--[endif]-->Prioritized locations and disallowed locations with residential areas being lowest priority for wireless.

<!--[if !supportLists]-->6. <!--[endif]-->Inspections, verification & proof, not "attestation".

<!--[if !supportLists]-->7. <!--[endif]-->Requirements, not "encouragement".

Our goal is to get the best possible wireless code, with robust protections for citizens and their property values while remaining FCC compliant. Thank you for your time and consideration.

I am available for meetings with staff, planning commissioners, or county commissioners. I also volunteer to be a part of any citizen advisory board that is formed regarding the wireless code.

Thank you,

Josh Stottlemyer

Thurston County Resident

	Eligible Facility Request	SWF ROW (new structure)	SWF CoLo ROW	SWF CoLo	SWF (new structure)	WCF new structure	WCF Colo	WCF Lattice or Guy*
Type I or Type III	Type I - administrative	Type I - administrative	Type I - administrative	Type I - administrative	Type III - Hearing Exm.	Type III - Hearing Exm.	Type I - administrative	Type III - Hearing Exm.
Set-back Front of house	existing	0	existing	>25' or 100% of tower	>25' or 100% of tower	200' or 100% of tower	existing	200% of tower, or 100% if camo
Setback Side house	existing	0	existing	>10' or 100% of tower	>10' or 100% of tower	200' or 100% of tower	existing	200% of tower, or 100% if camo
Height Limit	+20 - 30' (120'-180')	120'	Up to 20' additional, 120' max	Up to 30' additional, 120' max	120'	180'	Up to 30' additional, 180' max	180'
min. spacing	600'	0	500'	600'	600'	600'	600'	600' or 1320' from same
Notice of application	none	none	none	none	2600' mailing	2600' mailing	none	2600' mailing
Project identification sign	yes	yes	yes	yes	yes	yes	yes	yes
Notice of decision	none	yes	none	none	yes	yes	none	yes
Notice of install	3 days (if in ROW) / none	3 days	3 days	none	none	none	none	none
Time to approve	60 days	90 days	60 days	60 days	150 days	150 days	90 days	150 days
Independent RF Safety Testing	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required
County RF Safety Testing	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required
Applicant RF Safety Testing	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required
Compliance with FCC RF standards**	"stamped report by a state of Washington registered professional engineer, or a verified statement from a qualified radio frequency engineer" hired by applicant or on their staff.							
Compliance with Building & Safety Code	Attestation only	Attestation only	Attestation only	Attestation only	Attestation only		Attestation only	
Proof Facility is licensed by FCC	Attestation only	Attestation only	Attestation only	Attestation only	Attestation only		Attestation only	
Proof Facility Complies with All FCC rules	Attestation only	Attestation only	Attestation only	Attestation only	Attestation only		Attestation only	

SWF = small wireless facility

WCF = Wireless Communication Facility (macro antennas)

ROW = Right of Way

CoLo=Co-location (antenna on any existing structure)

\*Additional setbacks from types of uses

\*\*RF Safety Compliance cannot be verified without on site testing, it's impossible, none is required in the code.

\*\*The FCC requires it, but the municipalities must enforce it.

**From:** [Christy White](#)  
**To:** [Kaitlynn Nelson](#)  
**Cc:** [Maya Teeple](#)  
**Subject:** Comments Wireless Code Planning Commission Public Hearing-June 1, 2021  
**Date:** Tuesday, June 01, 2021 10:16:29 PM  
**Attachments:** [June 2, 2021 Wireless Code Planning Commission Public Hearing.pdf](#)

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Hello Kaitlynn,

Thanks again for taking my comments for the Public Hearing on the Wireless Code June 2, 2021. I am very hopeful that an opportunity will come for us to work together on working up another draft of the code.

Appreciate your helping us navigate the process.

Christy White

June 2, 2021 Planning Commission

Wireless Code Public Hearing

Planning Commission Members,

My comments are regarding the draft Wireless Code.

I am requesting that:

1) You send the current draft Wireless Code back to the Planning Department and do not send it to the Board of County Commissioners ;

2) Require that a citizens advisory group be engaged to work with the Planning Department staff to incorporate the advisory groups recommendations into the Wireless Code;

3) Request from the Planning Department that the Wireless Code include safe and equitable protection for the citizens of Thurston County. All of this can be accomplished while being FCC compliant;

4) Develop a Code which does not preempt the rights of local jurisdiction. The United States congress has long recognized the rights of local governments to manage local public rights of way (ROW) and Zoning. It is all of our responsibility to exercise that right for the benefit of Thurston County residents. There is language within the Federal Communications Commission 2018 ruling referencing county localities authority to establish guidance for the procedural rules outlined in the Telecommunications Act. <https://docs.fcc.gov/public/attachments/FCC-18-133A1.pdf>

There are citizens in Thurston County who are willing and ready to assist with drafting a Code which will stand for years to come. The intent is to develop a Code that will avoid conflict, unnecessary, and costly legal proceedings by both citizens and the County. The intent is for a Code which will allow for technology to be implemented in a manner which is transparent and safe.

This technology requires safeguards, independent third party review, and ongoing oversight funded with fair and reasonable application, permit, and routine license fees. Professionals are required to annually pay a fee and confirm continuing education requirements to practice and hold out to the public that they are competent. Why should the Wireless companies be any different? This technology generates billions of dollars for the Wireless companies. Wireless technology has come onto the market much like tobacco products did with blazing speed, a great deal of marketing , and limited safeguards. The price for the lack of independent oversight of the tobacco industry has been generations of preventable death and disease. Everyone trusted the industry and that did not work out. Do we again want to repeat this error unnecessarily? The technology before you, without proper safeguards, can be equivalent to standing in front of a microwave with the door open.

I am asking you to consider this collaborative opportunity to work with a team of citizens to create a fair and manageable Code. Please engage with local citizens to develop a Sensible Wireless Code for Thurston County. Thank you, Christy White

**From:** [Meryl B.](#)  
**To:** [Kaitlynn Nelson](#)  
**Subject:** Comment: Planning Comm, Wireless Code Revisions  
**Date:** Wednesday, June 02, 2021 12:39:54 AM

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To: Thurston County Planning Commission  
From: Meryl Bernstein, Tenino, WA  
Date: 31 May 2021  
RE: Wireless Code --Draft

Reading the draft as a layperson is certainly an exercise in focus! With that said, I would like to reiterate a portion of my earlier May 4th comment to the planning commission because I cannot emphasize it enough:

*The draft must be written in such a way as to allow the public, exposed to this evolving technology, a say in the matter to the greatest extent possible. The wireless industry is immensely useful, no doubt, but it is also advancing the new technologies so rapidly there is **no track record**. PUBLIC HEALTH is completely reliant on the test of time, and therefore the ability to modify, revise or shift course [is crucial]... [This is] a serious matter... The code must not tie our hands.*

Citizens should be encouraged and have ample opportunity to participate in the process now, before the draft is presented to the BOCC, because they are not entirely focused on the job at hand as staff are but rather, the real life implications. The 64-page, or updated 84-page, code revision is too much for the average citizen to wade through in the open comment period --let's be real. Interested citizens who have the time and ability to fully comprehend the text --technical language and code format, should be invited to work alongside staff; such an advisory board would bring public concerns to the table for it is critically important to be inclusive in the actual rewrite versus simply receiving comments.

Wireless technology is not like zoning, a physical boundary, or any other code-related issue for that matter, except air quality. But this isn't about smog or pollution, per se. It -- high nonionizing radiation on the radio frequency spectrum -- is even more difficult to detect and measure considering the quantity of "small cells" needed by the new wireless 5G, a technology requiring placements close to homes and businesses where we live/sleep/work/play 24/7, and closer to ground level than existing macro towers. So unless one is extremely knowledgeable and vigilant and looking for a reading, there won't be a record or evidence of exposure above limits. Is there a provision for regular meter readings? Perhaps that's too much to ask. Instead, I think the draft mentions ....occasional readings might/would be taken by an industry employee? That would seem to be a conflict of interest. Best practice would certainly necessitate a non-related independent agency or company to test according to preset schedules. Even then, measuring exposure is still a challenge (see below).

The bottom line, which we should never lose sight of: This is about public health exposure to a new emerging technology which would blanket most of the environment. This is also about environmental health --non-human species. Until more is known, limits to micro-cell placements should be the safest setbacks possible, not modified because there's not 100% proof that closer is unsafe. (**Public health criteria** is considerably less than criteria required for a proven scientific theory --which is 100%.) And special attention must be paid to limiting RFR (wattage) exposure.

The information below may be irrelevant to the specifics of rewriting the code and you may know many perspectives on the topic. My point in including it is to make the case as to why it is imperative to engage citizens in the current working-draft process, as well as ensuring residents are notified where and when small-cell placements are proposed. Hearings should be scheduled to allow the informative exchange of questions, answers and comments.

<https://blogs.scientificamerican.com/observations/we-have-no-reason-to-believe-5g-is-safe/> October 2019

The FCC's RFR [Radio Frequency Radiation] exposure limits regulate the intensity of exposure, taking into account the frequency of the carrier waves, but ignore the signaling properties of the RFR. Along with the patterning and duration of exposures, certain characteristics of the signal (e.g., pulsing, polarization) increase the biologic and health impacts of the exposure. New exposure limits are needed which account for these differential effects. Moreover, these limits should be based on a biological effect, not a change in a laboratory rat's behavior.

The latest cellular technology, 5G, will employ millimeter waves for the first time in addition to microwaves that have been in use for older cellular technologies, 2G through 4G. Given limited reach, 5G will require cell antennas every 100 to 200 meters, exposing many people to millimeter wave radiation. 5G also employs new technologies (e.g., active antennas capable of beam-forming; phased arrays; massive multiple inputs and outputs, known as massive MIMO) which pose unique challenges for measuring exposures.

Thank you for your work, and for your attention.



Virus-free. [www.avast.com](http://www.avast.com)

Sue Danver  
7106 Foothill Loop SW  
Olympia, WA 98512  
June 1, 2021

Kaitlynn Nelson  
Thurston County Long Range Planner  
Via email:

RE: Public Hearing comment to TC Planning Commission on draft Wireless Code

Dear Planning Commissioners::

In this time of multiple challenges and demands, those who participate in developing local government policies and codes to protect the rights and health of its citizens must depend on each others' research. In this case, Thurston County Citizens for a Sensible Wireless Code has taken on the leadership role of the wireless issue. I agree with their reasonable requests of the Thurston County Planning Commission and Thurston County staff. They are:

- 1. Form a citizen advisory board to properly revamp the code.**
- 2. Application notice and hearings for all wireless facilities.**
- 3. Reasonable setbacks and limits on placement.**
- 4. Limits on wattages when near homes and public gathering spaces.**
- 5. Independent testing of on the ground EMF exposure levels before, after, and randomly to verify compliance.**

For my own personal reasons, I have chosen not to have a 5G phone. I choose less stress over speed and convenience. I love my peaceful neighborhood with underground utilities; as do my neighbors. I appreciate the forest view from our street facing picture window. Unfortunately for us, of the eight mostly treed houses on our cul-de-sac, our house with a lawn and a five foot street right-of-way (in front yard) seems to be a likely candidate for a SWF unit, if this draft wireless code passes.

The code is very confusing. Where, how tall, and what the SWF would look like is impossible to figure out. We would have to hire an expert wireless attorney just to analyze how to improve the final outcome. While in court, the SWF would be operational. Thousands of Thurston County citizens might experience similar pain created by this industry designed code. For now, most citizens are overwhelmed and unaware of the potential loss of the local control of their immediate environs, their home.

Protections for citizens should be built into the wireless code and would be best done with the guidance by a citizen advisory board. I strongly support the five reasonable recommendations by the Thurston County Citizens for a Sensible Wireless Code.

Thank you for considering this comment,  
Sue Danver

**From:** [Brien Bennett](#)  
**To:** [Kaitlynn Nelson](#)  
**Subject:** Dr Martin Pall Phd.  
**Date:** Wednesday, June 02, 2021 9:15:05 AM

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Kaitlynn,

Please read the 8 distinct health effects of wireless technology or call Dr. Pall. His work has been cited in 214 scientific papers globally and has accumulated 1,000's of studies on subject.

<https://www.emfacts.com/2018/08/martin-palls-book-on-5g-is-available-online/>

Dr Pall's home number 503 232-3883

I do not consent to the installation of 5g small cell technology in Thurston county.

I highly advise you to separate yourself from this action.

Sincerely,  
Jenna Shaputis and Brien Bennett  
360 570-0923

2825 fishtrap lp. Ne  
Olympia, Wa 98506

**From:** [Campbell Rebecca](#)  
**To:** [Kaitlynn Nelson](#)  
**Cc:** [postmaster](#); [County Commissioners](#)  
**Subject:** LETTER TO THURSTON COUNTY PLANNING COMMISSION ON 5G WIRELESS INFRASTRUCTURE DEPLOYMENT-JUNE 2, 2021  
**Date:** Wednesday, June 02, 2021 2:06:49 PM

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June 2, 2021

Rebecca Em Campbell  
3948 Martin Way-No. 266  
Olympia, WA 98506  
[rebeccaphb@yahoo.com](mailto:rebeccaphb@yahoo.com)

Members of the Thurston County Planning Commission  
Thurston County Courthouse  
Olympia, Washington State

Dear Members of the Commission:

I am glad that there now seems as if public discussion is finally happening concerning proposed 5G infrastructure deployment in Thurston County, so thank you so much for finally having this meeting! The letters that a number of us as informed residents had sent to the County concerning this issue since early 2019 -- including one certified -- had rudely received from the County no response whatsoever. And my own phone calls to the County seeking information were, with only one notable exception, met with either rudeness, or no response at all -- much less there being any public meetings on this important issue as requested.

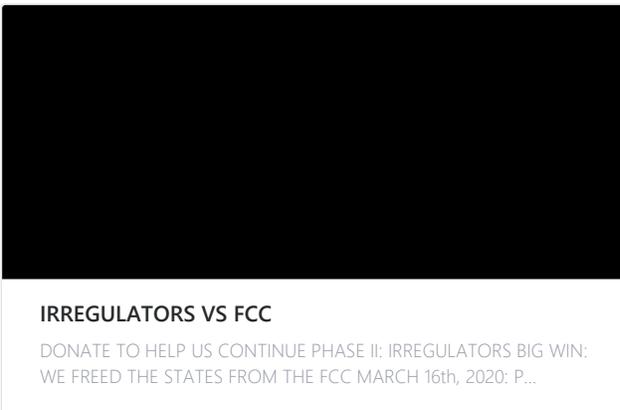
It also became evident from my phone calls to the County that, among other disturbing revelations, County officials, their staff, and possibly their various volunteer commissioners do very little of their own research, largely relying on several outside corporate-connected consultancies for corporate-concocted, cookie-cutter talking points that they then parrot to the public, and then ultimately use to the detriment of the public in making their decisions.

So I have written this letter to deliver a warning -- a warning that I and others here would rather not have to deliver, because many of us would much prefer to work together amicably with you to resolve what could quickly become a crisis in Thurston County, unless the unaddressed concerns of many of its informed residents are now fully considered, respectfully addressed and appropriately reflected in your coming decisions as a body:

5G wireless is a deadly military weapons system, the apex of the AI SMART grid agenda. It is not just being imposed here in America, but worldwide -- and is a potential AI-linked technology of non-nuclear ecogenocide and totalitarian control reducing our planet to being an AI-programmed microwave oven for the ultimate extinction of all life upon it. The trendy faux-green acronym "SMART", as revealed by military sources, actually means "Secret Military Armaments (as) Residential Technologies".

Further, 5G's mandated deployment is based upon a mega-corrupt foundation of massive state and federal government-enabled telecom industry corruption, fraud and conspiracy of now more than forty years duration, largely unknown, undocumented, unreported and unchallenged, until recently and successfully challenged in the federal courts in 2019-2020 with the landmark but completely corporate media-suppressed federal lawsuit *The Irregulars vs. the FCC*:

### [THE IRREGULATORS VS. FCC](#)



There is a huge body of authoritative official and independent research -- federal government/military, scientific, historical, and forensic, as well as credible reporting in independent news sources seldom to be found in current corrupt corporate mainstream news media -- that supports these plain statements of fact that I have just made, and that I and others would be willing to affirm under oath with evidence, inside a court of law or before a government commission such as this one. So I am right now doing you the courtesy of offering to you authentic and more than adequate public notice and information concerning this urgent issue of weaponized 5G high-speed broadband -- the latter a courtesy that most Thurston County officials, both paid and voluntary, and their County staff have not for the most part yet offered themselves -- by not bothering to do their own due diligence, by doing for themselves their own hands-on research, without depending on others to do it for them, such as I myself did below in one ten-minute websearch:

[Adverse health effects of 5G mobile networking technology under real-life conditions -](#)  
[NCBI/NIH.gov/PubMed-May 1, 2021](#)



**Adverse health effects of 5G mobile networking  
technology under real-lif...**

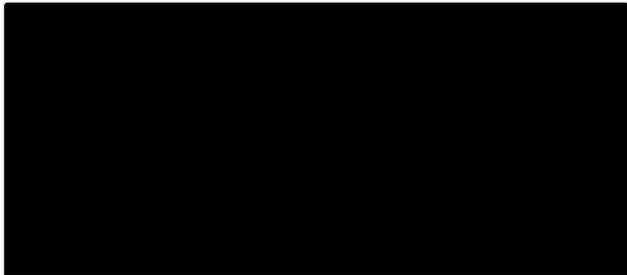
This article identifies adverse effects of non-ionizing non-visible radiation (hereafter called wireless radiati...

**US Navy Medical Research Institute Report-The Dangers of Weaponized 5G Wireless-**

**October 4, 1971**

<http://themillenniumreport.com/wp-content/uploads/2019/06/Navy-Medical-Research-Institute-Military-Microwave-Radiowave-Report.pdf>

[We Have No Reason to Believe 5G Is Safe-Scientific American-October 17, 2019](#)

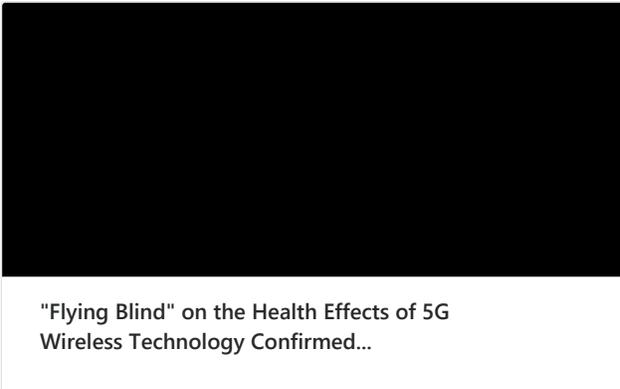


**We Have No Reason to Believe 5G Is Safe**

Joel M. Moskowitz

The technology is coming, but contrary to what some people say , there could be health risks

["Flying Blind Here" on the Health Effects of 5G Wireless Technology-Confirmed at US Senate Hearing After Senator Blumenthal Questions Industry Executives - February 6, 2021-Environmental Health Trust](#)



That aforementioned public notice to the Thurston County Planning Commission and other County officials and their staff is this:

That if you unlawfully enable the deployment these miniaturized electromagnetic weapons in Thurston County, we the people now have lawful, innovative means of peacefully but powerfully holding all of you both legally and financially accountable, in both your official and personal capacities. And, although we would prefer not to do so, many of we the people will, if necessary, use these peaceful but powerful mass actions of law to defend ourselves and our communities -- including all of your constituents who presently reside in Thurston County.

This letter hereby also gives notice that you are not – as many public officials claim to be – powerless to prevent this unconstitutional federal/state-mandated deployment of weaponized 5G “high-speed broadband” that manifestly violates the first, fourth, eighth, ninth and tenth amendments of the US Bill of Rights. Nor are you powerless to exercise the right to nullification of unconstitutional/unlawful governmental/corporate actions, as indicated in the aforementioned ninth and tenth amendments, and highly recommended in several of his seminal writings by the Father of the US Constitution and fourth President of the United States James Madison himself, and backed by historical courtroom precedents, especially if you are doing this with the support of many/most of the people in this County.

As previously stated, we would prefer to work together with you amicably and support you in preventing any

corporate government-created crisis in this County. But if it cannot be resolved amicably, it will nevertheless be resolved -- and not likely resolved to your advantage -- if we and our considerable concerns are not now shown much more respect from Thurston County officials and their staff than we and our concerns in the recent past have been by you afforded.

Please do not hesitate to contact me if I can be of any further service than that of one delivering this message. And thank you in advance for your careful consideration of this matter – as well as of the welfare of your neighbors here in Thurston County, whom you have so often said that you voluntarily seek to serve.

Most sincerely yours,

Rebecca Em Campbell

**Bullet-Point Addendum-The Dangers of Weaponized 5G Wireless Radiation**

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### **THE DANGERS OF WEAPONIZED 5G WIRELESS RADIATION-ADDENDUM**

5G is key component in planned AI SMART grid for corporate total spectrum dominance of earth, leading ultimately to ecogenocide, by turning our planet into a technologically controlled microwave oven; “SMART” is actually a faux-green acronym: SMART = **S**ecret **M**ilitary **A**rmaments as **R**esidential **T**echnologies including:

- o Destruction of bodily and organ systems in all life causing general morbidity, then mortality, specifically: destruction of cellular mitochondria then resulting in general biological dysfunction, including the ability to detoxify 5G/4G electromagnetic (EMR) and other toxins, including nausea, blood clots, swelling, abnormal sweating, hair loss, decreased appetite/sex drive, infertility, sleep disruption, low energy, damaged bone marrow, depression, brain fog, lowered immunity, heart disease, thyroid disease, cancer, diabetes, dementia, and finally, organ failure, incapacitation and death. These effects are seen especially in children and elders more vulnerable to EMR toxicity;

- o Rapid species extinction in plant and animal kingdoms, since they are even more susceptible to 5G/4G EMR effects than human beings;

- o Disruption of weather patterns causing negative climate change, as well as the ability to accurately forecast weather and track aircraft, as well as accurately use GPS for locational guidance in emergencies, in order to save lives, food crops and property;

- o Irradiation and destruction of the food supply thru planned draconian “precision agriculture” by AI 5G-controlled water sensors to “conserve water”;
- o Extremely hackable, and can therefore be manipulated or shut off, with predictably dire results;
- o Causes catastrophic building and wildfires, as well as having negative effects on human and environmental health, and so is not insured by any major carriers anywhere, as well as all major for-profit telecoms providing disclaimers to this effect in their corporate investment reports;
- o Constantly pulsed, intense 5G/4G wireless radiation more rapidly destroys the integrity of built structures/infrastructure, causing increased hazards from collapse and property depreciation;
- o Intensely broad band-width and frequencies to enable AI-based total surveillance worldwide;
  
- o There are no scientific, military or engineering research studies that 5G wifi is actually safe, secure, or efficient. There are, however, independent/declassified/leaked military research studies and eye witness testimony that show it to be extremely dangerous to all life, many news reports and anecdotal accounts that it is not secure, as well as an official tacit admission before a congressional committee by a panel of telecom executives in 2018, as can be seen above, that there have been no telecom/energy industry research studies whatsoever as to 5G/4G effects on human and environmental health and safety, or as to its technological efficiency before its being deployed;
  
- o There have been, however, coordinated corporate government mandates based on collusion, fraud and profit-rationalized corruption at the national and state/provincial levels worldwide unlawfully and unconstitutionally seeking to impose weaponized 5G wireless worldwide without the consent of the world’s people, indicating a possible sinister agenda of global control and ecogenocide. This is not "conspiracy theory", but conspiracy fact.
  
- o The abovementioned point is particularly egregious, since safer wired fiber optic connections that we the American people long ago have paid for is in all ways vastly superior to 5G/4G wireless technologies, and could therefore be very easily be supplied to all, with no deceptive "digital divide" whatsoever -- if public officials had the political will and moral courage to demand this on behalf of we the people, whom they have said they seek to serve.



**From:** [Esther Grace Kronenberg](#)  
**To:** [Kaitlynn Nelson](#)  
**Subject:** wireless draft code  
**Date:** Wednesday, June 02, 2021 2:27:12 PM

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Hello Planning Commission,

I write to urge extreme caution and good research before approving the Wireless Communications Draft Code.

There is ample scientific evidence that this type of radiation causes damage to DNA, which can lead to serious health effects. I quote below from the website 5G Crisis.com which I urge you to visit and read.

*"More recently, a ten-year, \$30-million-dollar study conducted by the National Toxicology Program of the U.S. National Institutes of Health sought to determine if exposure to wireless radiation from cell phones increased the risk of cancer. The conclusion by a 13-member independent panel of experts in 2018 was that there was "clear evidence" of an increased cancer risk, the highest level of scientific certainty.<sup>26</sup> Dr. Ronald Melnick, principal designer of the study, stated, "**We should no longer assume that any current or future wireless technology – including 5G – is safe without adequate testing.**"<sup>27</sup>*

*"Other recent studies demonstrate that wireless radiation has broad effects on the body, impacting sperm, ovaries, liver, kidneys, the immune system, melatonin production, the blood brain barrier, and nerve cell viability and function.<sup>29</sup> Prenatal developmental effects are especially worrisome as they can be heritable. The damage to cells is cumulative and increases with longer exposure. Because of long latency periods between exposure and diseases such as brain cancer, the full negative effects of wireless radiation exposure on public health may not be realized for many years.<sup>30</sup>"*

Though the industry claims it is safe, we all remember what the cigarette industry said about smoking. That is why I urge you to establish a citizens advisory board to investigate and ascertain whether the code as drafted, largely by the industry, actually ensures local control of the infrastructure and the public health.

This is a very complicated subject which the general public, and I suspect you on the Commission, know little about. It behooves you to know the facts before you take any action.

I ask you to set up a citizens advisory commission and take your time before approving this code.

Thank you for protecting your fellow citizens.

Esther Kronenberg  
West Olympia

**From:** [Ruth Sparrow](#)  
**To:** [Kaitlynn Nelson](#)  
**Subject:** Proposed Wireless Code  
**Date:** Wednesday, June 02, 2021 3:48:36 PM

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**I live on Vail Cut Off Rd SE. It is very important not to approve the wireless code in its current form.**

**What are we asking for:**

1. Form a citizen advisory board to properly revamp the code.
2. Application notice and hearings for all wireless facilities.
3. Reasonable setbacks and limits on placement.
4. Limits on wattages when near homes and public gathering spaces.
5. Independent testing of on the ground EMF exposure levels before, after, and randomly to verify compliance.

Thank you.

Regards,  
**Ruth Sparrow**  
**Vail Cut-Off Rd.**  
**Rainier, WA**  
**360-446-1720**