

31 October 2019

Jennifer Zurzolo

[REDACTED]

To whom it concerns

I have numerous concerns over the 5G rollout.

One being the health implications that will arise from the extra EMF radiating from the existing and new towers being put up, on top of buildings, near schools, and very close to homes.

I personally have had further health implications (history of Chronic Fatigue Syndrome and Fibromyalgia) since working within a building in which we own part of at [REDACTED] which is currently a Telstra base station. Since increasing my work hours within this building I have experienced re occurring and non stop heart palpitations. Other than directing it to perhaps anxiety I have no other answers as to why all of a sudden this started occurring (I have seen a cardiologist and have undertaken tests which have all come back inconclusive). Whilst I was on holidays over Christmas (I had around a month off) I didn't experience these palpitations. Every time I am in this office, I feel extra tired and drained and get a headache, my co worker is experiencing the same issues. We are obviously EME sensitive however, if we are feeling like this, I could just imagine what it is actually doing to our bodies. I must add this is a family business of which there is zero work related stress involved.

There is now a proposal for 5G to be incorporated into the base station. All hardware has already been installed and apparently not turned on as yet (as I have been told by Telstra). This proposal has my husband and I in absolute shock. The amount of extra EMF that will be beaming from this tower is astronomical. I am in disbelief that ARPANSA (although ARPANSA have a disclaimer on their website taking zero responsibility for any issues arising from 5g or anything EME related) has allowed such a massive amount of electrical energy to beam out of a tower DIRECTLY over our heads and surrounding office buidings - not to mention we are directly across the road from Herdesman Lake which has a huge amount of wildlife and flora and fauna living amongst it.

This is so concerning to My husband and I, we have 3 children and we want to be around for them for as long as possible. At this point if this is allowed to be installed directly above our heads, we may not be around in another 10-15-20 years due to probable health implications that may arise from being so close to such massive EMF Radiation (including cancers or other serious auto immune diseases, which again has been linked in several studies to cause these conditions).

Another extremely concerning factor - every day I walk into this building there is a huge amount of DEAD BEES on the floor. Now, there are no hives that I can see and there is a spray once a month or so on the grass (assuming round up). We have lots of trees and plants at the front that would attract these bees, however, these bees shouldn't be dying in this number and randomly in front of a

building with a Telstra Base Station sitting on top of it. I personally will be bringing this up with Telstra and will be complaining to ACMA if Telstra do not look into it. There have been many reports and studies done on bees and EMF radiation and how it is affecting them. It is well known our bee population has greatly reduced over the last 10 or so years, just happens to be around the same time as 3g and 4g were introduced. What will we do once bees are extinct? Before 5G is allowed to be installed isn't this something that needs to be researched further? We all know what happens if we don't have bees in our world anymore.

Please see video of dead bees outside [REDACTED]. Video taken 23/10/19.

(sorry I have taken it fast but you can clearly see just SOME of the dead bees laying around the external of this building)

<https://youtu.be/GmEZ3CMZRrs>

I also have other videos taken on different days, different weeks.

Please see below the proposed 5g tower on our building at [REDACTED] – you can clearly see the mind blowing high amounts of EME that will be radiating onto us, the occupants of the building, the surrounding buildings, Herdesman lake wildlife and the bees that come anywhere near this building.



Environmental EME Report

Date 23/10/2018

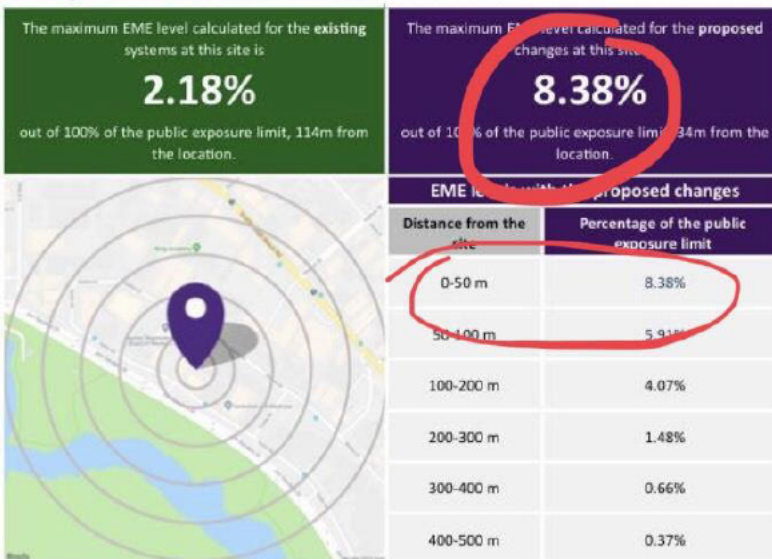
How does this report work?

This report provides a summary of levels of radiofrequency (RF) electromagnetic energy (EME) around the wireless base station at [REDACTED]. These levels have been calculated by Ericsson using methodology developed by the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA).

A document describing how to interpret this report is available at ARPANSA's website:

[A Guide to the Environmental Report.](#)

A snapshot of calculated EME levels at this site



For additional information please refer to the EME ARPANSA Report annexure for this site which can be found at <http://www.rfnsg.com.au/6017009>.

Radio systems at the site

The base station currently has equipment for transmitting the services listed under the existing configuration. The proposal would modify the base station to include all the services listed under the proposed configuration.

Carrier	Existing		Proposed	
	Systems	Configuration	Systems	Configuration
Telstra	3G, 4G	LTE700, LTE1800, WCDMA850, LTE2100, LTE2600	3G, 4G, 5G	LTE900 (proposed), LTE700, LTE1800, WCDMA850, LTE2100, LTE2600, NR3500 (proposed)

in-depth look at calculated EME levels at this site

The table provides calculations of RF EME at different distances from the base station for emissions from existing equipment alone and for emissions from existing equipment and proposed equipment combined. All EME levels are relative to 1.5 m above ground and all distances from the site are in 360° circular bands.

Distance from the site	Existing configuration			Proposed configuration		
	Electric field (V/m)	Power density (mW/m²)	Percentage of the public exposure limit	Electric field (V/m)	Power density (mW/m²)	Percentage of the public exposure limit
0-50m	4.097	44.52	0.49%	17.69	830.049	8.38%
0-100m	7.2	137.49	1.93%	14.84	584.28	5.91%
10-200m	7.87	164.45	2.18%	11.3	338.95	4.07%
10-300m	5.3	74.41	0.95%	6.83	123.72	1.48%
10-400m	3.56	33.67	0.43%	4.56	55.21	0.66%
10-500m	2.68	19.046	0.24%	3.41	30.82	0.37%

Calculated EME levels at other areas of interest

The table contains calculations of the maximum EME levels at selected areas of interest, identified through consultation requirements of the [Communications Alliance Ltd Deployment Code CS64:2011](#) or other means. Calculations are performed over the indicated height range and include all existing and any proposed radio systems at this site.

Maximum cumulative EME level for the proposed configuration

Location	Height range	Electric field (V/m)	Power density (mW/m²)	Percentage of the public exposure limit
25 Walters Dr	3-18 m	5.53	81.26	0.91%

Thank you for taking time to read our submissions and allowing us to have our say and hopefully 5G will be looked into and further research will be done to ensure its full safety before being turned on.

Kind Regards

Jennifer Zurzolo

<https://magdahavas.com/international-experts-perspective-on-the-health-effects-of-electromagnetic-fields-emf-and-electromagnetic-radiation-emr/>

http://stopsmartmeters.org.uk/wp-content/uploads/2014/11/ki_beesbirdsandmankind_print.pdf?fbclid=IwAR0xvQUdW35-Z0zrPgngdHQ_GSj7b4NZiON-DL36131DmXO1xHX3WL8M8X8

https://www.orsaa.org/uploads/6/7/7/9/67791943/arps_why_the_precautionary_approach_is_needed_for_non-ionising_radiation_devices_final_1.pdf

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<https://peaceinspace.blogs.com/files/5g-emf-hazards%E2%80%93dr-martin-l.-pall%E2%80%93eu-emf2018-6-11us3.pdf>