

Attachment 2 to Item 12 - Part C

Submissions received

Date of meeting: 20 October 2022

Location: By audio-visual link

Time: 10:00 a.m.

From: melanie kerr

Sent: Sun, 21 Nov 2021 21:01:39 +1100

To: Hawkesbury City Council

Subject: Submission re: Development Application Lot 609 DP 22231- Melanie Kerr

Attachments: Submission re Development Application Lot 609 DP 22231- Melanie Kerr.pdf,

HCC Political Gifts and Donations Statement.pdf

Please see attached Objection to Development Application Lot 609 DP 22231

Melanie Kerr

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Melanie Kerr

MSc Dance Science

B/A(HONS) Dance Choreography

ASCA Strength and Conditioning Coach

Extended Diploma of Sports and Exercise Nutritional Advisory

Document Set ID: 7768923 Version: 1, Version Date: 22/11/2021 General Manager

Hawkesbury City Council

DA 0308/21

Reference: Objection to Proposed Telecommunications Facility

at Lot 609 DP 222231, 18 Lieutenant Bowen Road, Bowen Mountain NSW. 2753

I am writing to express my objection over the proposed Telecommunications tower at 18 Lt. Bowen Road on the site of the current Endeavour Energy communications tower. The reasons for my objection are as follows:

1) Lack of community consultation.

The DA 0308/21 has been submitted with no consultation with the community and its effects on family and community health and wellbeing and encroachment on residential property. There has been no comprehensive information given to the local community who are comprised of multicultural families ranging in age from birth to 89 years as to any health or environmental risks posed by the proposed development of a Telecommunications Facility. There is no signage on the site as to the proposed Facility so that people are aware of the proposal. Many neighbouring residents did not receive information from Hawkesbury City Council regarding the proposed Facility and were completely unaware of this proposal.

2) Detrimental Impact on Health

Telecommunication Facilities such as this proposed one present considerable health risks such as radiation, visual and noise pollution risks to neighbouring families and aged residents. I am deeply concerned that it could pose radiation energy issues, which could disturb medical equipment used by several residents. Another health concern is the noise pollution from large air conditioning units that will be in operation 24 hours, 7 days a week. Residents will suffer considerable harm to their health. For example one nearby resident has a pacemaker and several young and aged residents suffer from breathing, heart and lung problems and severe asthma. Many of these people have moved to the mountain as suggested by their health practitioners to enjoy fresh mountain air and an environment, which will greatly aid their conditions providing them with an improved quality of life.

3) Harmful Environmental Impact

There has been no recent Environmental impact statement conducted and disseminated to the local community. This needs to be undertaken as a matter of urgency before the Telecommunications Facility precedes any further. Bowen Mountain enjoys a rare, carefully balanced eco system, which may be considerably damage and altered as a result of the Telecommunications Facility. We pride ourselves that the mountain provides a safe habitat for a number of endangered species, in particular our latest residents the koala and quoll and an abundant unique flora, fauna and bird life.

Lightning strikes are quite common in the area and have ignited the nearby bush resulting in lethal and damaging bushfires. The Telecommunications Facility will be an easy target for lightening strikes. High winds are also a feature of this exposed area of Bowen Mountain, which could significantly affect the Telecommunications Facility exposing nearby resident's homes to falling debris.

4) Telecommunications Facility does not meet Zoning Regulations.

The planned site of the Telecommunications Facility does not meet the requirements of the Hawkesbury Environmental Plan 2012 in regard to prohibiting a telecommunication facility or any tower to be constructed within a distance of three times its height to residential dwellings. The Facility does not meet zoning regulations in the area as the proposed Facility is a vertical tower 33 metres high positioned metres from neighbouring dwellings. This Facility will be 10 times the height of a single storey dwelling and visible from Lieutenant Bowen Road and surrounding areas.

5) Impact on Crago Observatory

The proposed Telecommunications Facility would have a devastating noise, visual and auditory impact on Crago Observatory, which is situated on the northern end of Bowen Mountain and is operated by the NSW Astronomical Society with over 450 Members. They are a group of knowledgeable volunteers who are passionate to answer questions and educate the general community about astronomy and are dedicated to public outreach and education in astronomy. Volunteers undertake observing facilities at Crago Observatory. Crago Observatory history starts in 1973 with the granting of a lease over "The Devil's Hole" area at the northern end of Bowen Mountain. Crago Observatory volunteers are proud that they possess a listed Designated Observatory status with Astronomical Society of Australia and enjoy offering "Naked Eye" sky tours, telescope tours of the solar system and deep sky objects.

6) Prevent the efficient operation of bushfire equipment

Placing the Telecommunications Facility near Crago Observatory is not a viable option. In several recent bushfires the flat area surrounding Crago Observatory has been used as a bushfire helicopter water refuelling depot with reservoir water constantly filled by water trucks. This has proven to be an efficient area from which to refuel helicopters. It is critical that this area and the surrounding streets remain clear for transport vehicles including fire-fighting vehicles and are not impeded by noise, radiation and visual distractions.

7) Devaluation of Homes

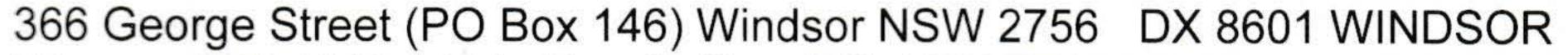
No cost benefit analysis has been undertaken for the properties in the area. I am deeply concerned that properties will suffer a valuation decrease. Residents bought properties in this area in good faith informed that property values would increase and not decrease as a result of a Telecommunications Facility being built long after they had purchased their house. It has been well researched in Australia that mobile phone towers negatively affects house values, Reference Rajapajsa, D., Athukorala, W., Managi, S and Neelawala, P., The impact of cell phone towers on house prices: evidence from Brisbane, Australia. *Environmental Economics and Policy Studies*, June 2017.

Whilst I agree that the Mountain needs better mobile communication infrastructure, I believe that this Facility for the above reasons should be placed where it will not negatively impact residents. It is crucial that before this Facility proceeds any further adequate community consultation occurs and the community is informed of all positive and negative impacts of this facility. It is also imperative that all the options for erecting the Telecommunications Facility are explored to ensure that it does not adversely affect residents and the community, does not pose a threat to wildlife and Crago Observatory and has a minimal effect on the environment.

Regards,

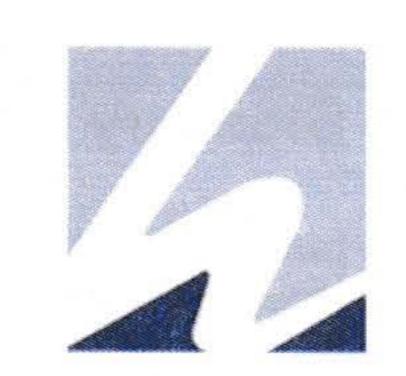
Melanie Kerr

Hawkesbury City Council



Document Set ID: 7768923

Phone: (02) 4560 4444 Facsimile: (02) 4587 7740 Email: council@hawkesbury.nsw.gov.au



political donations and gifts disclosure statement		
Office use only:		
Date received:// Development Application no		
This form may be used to make a political donations and gifts disclosure under section 147(4) and (5) of the Environmental Planning Assessment Act 1979 for applications or public submissions to a council.		
Please read the following information before filling out the Disclosure Statement on pages 3 and 4 of this form. Also refer to the 'Glossary of terms' provided overleaf (for definitions of terms in <i>italics</i> below).		
Once completed, please attach the completed declaration to your planning application or submission.		
Explanatory information		
Making a planning application to a council Under section 147(4) of the Environmental Planning and Assessment Act 1979 ('the Act') a person who makes a relevant planning application to a council is required to disclose the following reportable political donations and gifts (if any) made by any person with a financial interest in the application within the period commencing 2 years before the application is made and ending when the application is determined:		
(a) all reportable political donations made to any local councillor of that council(b) all gifts made to any local councillor or employee of that council.		
Making a public submission to a council Under section 147(5) of the Act a person who makes a <i>relevant public submission</i> to a council in relation to a relevant planning application made to the council is required to disclose the following reportable political donations and gifts (if any) made by the person making the submission or any <i>associate of that person</i> within the period commencing 2 years before the submission is made and ending when the application is determined:		
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A reference in sections 147(4) and 147(5) of the Act to a reportable political donation made to a 'local councillor' includes a reference to a donation made at the time the person was a candidate for election to the council.		
How and when do you make a disclosure?		
The disclosure of a reportable political donation or gift under section 147 of the Act is to be made:		
(a) in, or in a statement accompanying, the relevant planning application or submission if the donation or gift is made before the application or submission is made, or		
(b) if the donation or gift is made afterwards, in a statement of the person to whom the relevant planning application or submission was made within 7 days after the donation or gift is made.		
What information needs to be in a disclosure? The information requirements of the disclosure are outlined in the Act under section 147(9) for political donations and section 147(10) for gifts. A Disclosure Statement Template which outlines the relevant information requirements for disclosures to a council is available from Council.		
If you do not have a disclosure Should you have no reportable political donations and gifts to disclose simply complete and sign the declaration below.		
Warning : A person is guilty of an offence under section 125 of the <i>Environmental Planning and Assessment Act 1979</i> in connection with the obligations under section 147 only if the person fails to make a disclosure of a political donation or gift in accordance with section 147 that the person knows, or ought reasonably to know, was made and is required to be disclosed under section 147. The maximum penalty for any such offence is the maximum penalty under Part 6 of the <i>Election Funding and Disclosures Act 1981</i> for making a false statement in a declaration of disclosures lodged under that Part. Note: The maximum penalty is currently 200 penalty units (currently \$22,000) or imprisonment for 12 months, or both.		
I, Melanie Kerr declare that I have not made any political donation or gift as outlined in		
the Local Government and Planning Legislation Amendment (Political Donations) Act 2008.		
21/11/2021		
Signature		

From: Mike Ryan

Sent: Sat, 20 Nov 2021 21:48:47 +1100

To: Hawkesbury City Council

Subject: DA 0308/21

Attachments: General Manager HCC.docx, 20211120_200713.jpg

Please see attached.

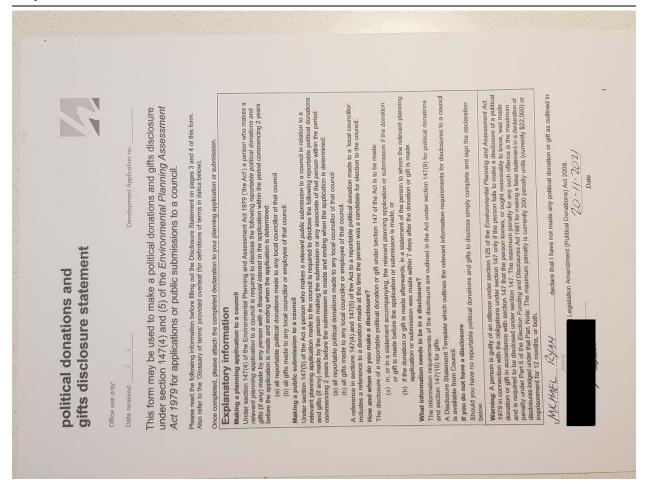
Regards, Mike Ryan.

Get Outlook for Android

From: Brett Ryan

Sent: Saturday, November 20, 2021 4:57:49 PM

To: Michael Subject:



Document Set ID: 7768780 Version: 1, Version Date: 22/11/2021 General Manager

Hawkesbury City Council

DA 0308/21

Objection to Proposed development of Optus Tower

Dear sir/Madam

I would like to object to the above proposal on the following grounds:

1. The Statement of Environmental Effects

This application goes against NSW Sate Government and Hawkesbury City Council Planning and Environment policy.

The applicant attempts to sidestep this by stating that the site chosen is an existing telecommunication facility. Implying they will be replacing like for like.

They imply that the site is zoned industrial.

The proposed infrastructures is approximately twice the size of the existing and serves a very different function to the existing. It will have numerous aircon units running 24hrs.

The site is zoned RU5 Village.

2. Local Community

The local community has not been consulted by Optus.

The local aboriginal community own the neighbouring bushland to the site. They have not been notified.

Immediate neighbors are going to suffer noise pollution from operation of this proposed infrastructure as well from high winds prevalent in this locality.

The tower will impact badly from a visual perspective. A few roadside trees is not going to hide the structure towering another 10m above.

Property valuations will drop.

3. Reason for the proposed developement and site selection.

Document Set ID: 7768780 Version: 1, Version Date: 22/11/2021 The stated reason for this proposal is to enhance mobile phone coverage in this locality. This area is now serviced by NBN. Mobile phone reception and internet speed is now greatly enhanced by WIFI calling.

There is another site which the report deemed not worthy of further investigation due to "having a higher elevation". Really..I thought higher elevation enables better reception?

This other site is in the bush, with vehicle access, the VERY SAME elevation and satisfies State and local Council planning regulations.

Michael Ryan

Document Set ID: 7768780 Version: 1, Version Date: 22/11/2021

political donations and gifts disclosure statement



Office use only:

Date received: /

Development Application no.

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Explanatory information

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- (a) all reportable political donations made to any local councillor of that council
- (b) all gifts made to any local councillor or employee of that council.

Making a public submission to a council

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If you do not have a disclosure

Should you have no reportable political donations and gifts to disclose simply complete and sign the declaration below.

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......declare that I have not made any political donation or gift as outlined in

the Local Government and Planning Legislation Amendment (Political Donations) Act 2008.

Signature

20-11-2021

Date

From: Jodie Paul

Sent: Sun, 21 Nov 2021 21:58:48 +1100

To:Hawkesbury City CouncilSubject:Objection to DA 0308/21Attachments:CCF21112021_0001.pdf

General Manager Hawkesbury City Council P.O. Box 146 Windsor NEW 2756

RE: Development Application for 18 Lieutenant Bowen Road, Bowen Mountain - DA 0308/21

Dear Sir/Madam

Objection of Proposed development of Optus Tower at the above address.

I wish to object to the above proposal on the following grounds:

- 1. The proposed site A is surrounded by residential blocks, where several families with small children live. There is insufficient detailed information regarding the health risks associated with the radiation from the tower in such close proximity to residents. Telecommunications companies often share the same tower infrastructure, and no guarantees have been made that no further additions will be made to this proposed structure by other companies in the energy or telecommunications sectors. Clearly this skews any projected radiation estimations, and is a potential health risk for the residents of neighbouring properties.
- 2. The proposed location is directly outside a school bus pickup zone and the tower would be located less than 10 metres from a residential house, and on some sides less than 5 metres.
- 3. The existing site has radiation warning signs, and moving the existing equipment off the Endeavor Energy tower to the new proposed tower at the front of the block would then move the radiation exposure closer to the Eastern side of the street.
- 4. Site E (Crago Observatory) is at the same elevation of Site A (Proposed Site), thus the pursuit of Site E as a location should never have been halted by the "elevation of the land.....(being)..too high which would result in interference to the established Optus network".
- 5. Visual impact existing neighbouring vegetation will not be sufficient to mask the much taller than the existing Endeavour Energy tower that can clearly be seen already, which is another advantage of using Site E over Site A. Photos shown in the DA clearly show the tower and will directly impact the Natural aspect of the residential area.
- 6. Quarterly maintenance of proposed Site A is not sufficient in a high risk bushfire area, especially when it backs directly onto bushland (Western side of the site). The winds predominantly come from the west, blowing the excess leaf matter directly into that block. The existing maintenance is barely sufficient, always leaving the leaf litter to accumulate and creating a fire hazard.
- 7. Appropriate Air Conditioning to maintain the Optus Tower will run 24 hours a day, creating constant noise pollution for neighbouring properties.
- 8. The construction of a telecommunications tower in the middle of a residential area will have a considerably negative effect on the value of houses in the area surrounding Site A.

Document Set ID: 7768973 Version: 1, Version Date: 22/11/2021 9. A more suitable location for the tower which would minimise visual impact and proximity to dwellings should be considered, such as in the vicinity of the Crago Observatory on the Burralow trail.

Jodie Paul

21 November 2021

Hawkesbury City Council

366 George Street (PO Box 146) Windsor NSW 2756 DX 8601 WINDSOR

Phone: (02) 4560 4444 Facsimile: (02) 4587 7740 Email: council@hawkesbury.nsw.gov.au



	political donations and gifts disclosure statement
	Office use only:
	Date received:/ Development Application no
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The second second second	(a) all reportable political donations made to any local councillor of that council(b) all gifts made to any local councillor or employee of that council.
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1,	Jodie Paul declare that I have not made any political donation or gift as outlined in

١, ِ the Local Government and Planning Legislation Amendment (Political Donations) Act 2008. 21/11/21 Signature

From: liz r0wan

Sent: Sun, 21 Nov 2021 21:43:52 +1100

To: Hawkesbury City Council

Subject: Objection Submission DA 0308/21 Lot 609 DP 222231 18 Lieutenant Bowen RD

Bowen Mountain 2753

Attachments: OBJECTION SUBMISSION Development Application 18 Lieutenant Bowen Road DA0308 -21.docx, Political Donation and Gifts Disclosure statement.pdf, Political Donation and Gifts Disclosure statement.pdf, PHOTO OF CURRENT TOWER FROM MY BACK VERANDA.jpg, PHOTO OF CURRENT TOWER FROM MY BACK VERANDA.jpg

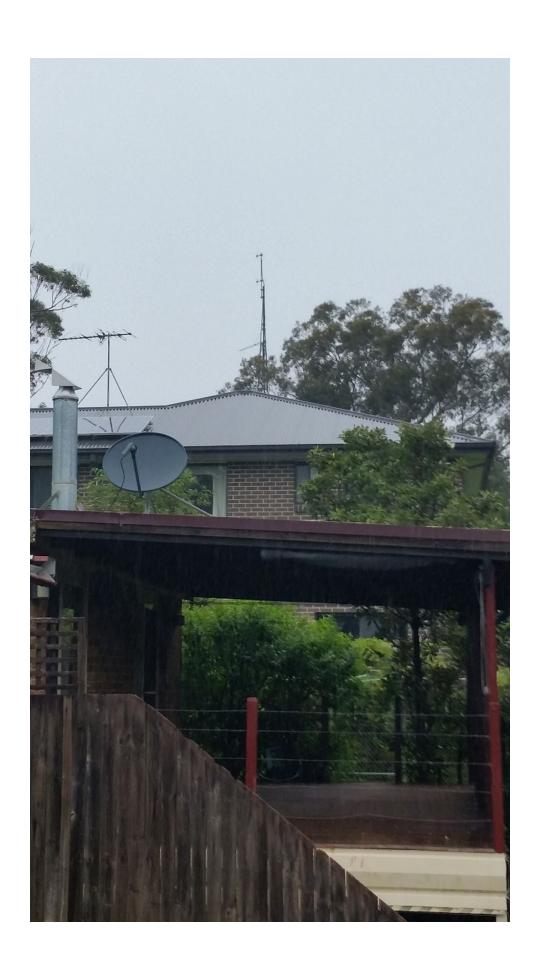
Attached Objection Submission DA 0308/21 Lot 609 DP 222231 18 Lieutenant Bowen RD Bowen Mountain 2753

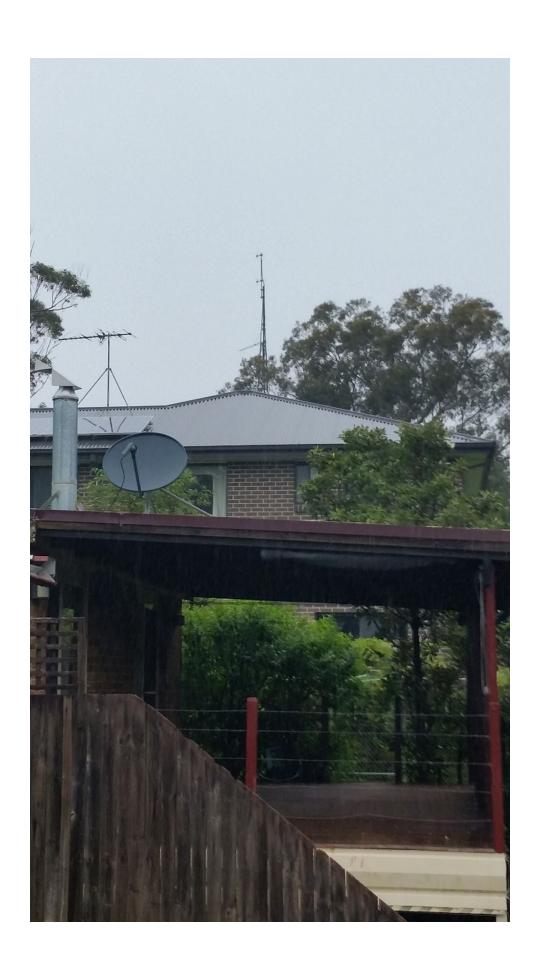
Photo and signed Political Disclosure.

Regards

Elizabeth Rowan

Document Set ID: 7768985 Version: 1, Version Date: 22/11/2021





General Manager

Hawkesbury City Council

P.O. Box 146, Windsor NSW 2756

21/11/2021

RE: Development Application 18 Lieutenant Bowen Road, BOWEN MOUNTAIN, Lot 609 DP 222231. DA0308/21

Dear Sir/Madam

Objection to Development of Optus Mobile Phone Tower at the above address.

I wish to **strongly object** to this proposal on the following grounds

- Noise pollution- air conditioning operating 24 hours a day.
- Inadequate Resident notification, every resident of Bowen Mountain should have received notification, also should be signage at the above address of the pending DA, and a community meeting with OPTUS representatives and council staff to answer questions that are not covered in this DA application. (and there are quite a few)
- Does not meet the zoning regulation in the area. The Hawkesbury Environmental plan states "prohibits a facility/communication tower to be constructed within a distant of 3 times its height to a residential dwelling
- This much larger vertical tower will encroach on views, I do not agree with the statement "sympathetic to the character of Bowen Mountain village", How can a 33.5 metre tower be sympathetic to the character of Bowen Mountain village?
- The devaluation of homes within the vicinity of this Optus Mobile Phone tower by 15% or more (Real Estate Agent has confirmed this), Will OPTUS be compensating the owners of these homes?
- There are two other candidate sites in the area that are a distance from homes, that would be more suitable without encroaching on homes.
- Health effects- see attached Peer Reviewed Published Research on Cell Tower Radiation, Base Station Radiation and Health Effects

I am not against having a communication tower, just where OPTUS plans to place it, we have numerous vacant land at Bowen Mountain where a suitable site could be found away from the homes. There are a number of other sites that have identified, and these sites should be further investigated.

Regards

E. Rowan

Elizabeth Rowan

Peer Reviewed Published Research on Cell Tower Radiation, Base Station Radiation and Health Effects

https://ehtrust.org/cell-towers-and-cell-antennae/compilation

COMPILATION OF RESEARCH STUDIES ON CELL TOWER RADIATION AND HEALTH

Anthony B. Miller, L. Lloyd Morgan, Iris Udasin, Devra Lee Davis, Cancer epidemiology update, following the 2011 IARC evaluation of radiofrequency electromagnetic fields (Monograph 102), Environmental Research, Volume 167, 2018, Pages 673-683, ISSN 0013-9351

Radiofrequency radiation is emitted by cell towers. This review paper concludes that "Based on the evidence reviewed it is our opinion that IARC's current categorization of RFR as a possible human carcinogen (Group 2B) should be upgraded to Carcinogenic to Humans (Group 1)."

Zothansiama, et al. "Impact of radiofrequency radiation on DNA damage and antioxidants in peripheral blood lymphocytes of humans residing in the vicinity of mobile phone base stations." Electromagnetic Biology and Medicine 36.3 (2017): 295-305.

This study evaluated effects in the human blood of individuals living near mobile phone base stations (within 80 meters) compared with healthy controls (over 300 meters). The study found higher radiofrequency radiation exposures and statistically significant differences in the blood of people living closer to the cellular antennas. The group living closer to the antennas had for example, statistically significant higher frequency of micronuclei and a rise in lipid peroxidation in their blood. These changes are considered biomarkers predictive of cancer.

Meo, S. A., Almahmoud, M., Alsultan, Q., Alotaibi, N., Alnajashi, I., & Hajjar, W. M. (2018). Mobile Phone Base Station Tower Settings Adjacent to School Buildings: Impact on Students' Cognitive Health. American Journal of Men's Health.

High exposure to RF-EMF produced by mobile phone base station towers was associated with delayed fine and gross motor skills, spatial working memory, and attention in school adolescents compared to students who were exposed to low RF-EMF.

Rodrigues NCP, Dode AC, Andrade MKdN, O'Dwyer G, Monteiro DLM, Reis INC, Rodrigues RP, Frossard VC, Lino VTS. The Effect of Continuous Low-Intensity Exposure to Electromagnetic Fields from Radio Base Stations to Cancer Mortality in Brazil. International Journal of Environmental Research and Public Health. 2021; 18(3):1229. https://doi.org/10.3390/ijerph18031229

"Conclusions: The balance of our results indicates that the exposure to radiofrequency electromagnetic fields from an RBS increases the rate of mortality by all cancers and specifically by breast, cervix, lung, and esophageal cancers. These conclusions are based on the fact that the findings of this study indicate that, the higher the RBS radiofrequency exposure, the higher the cancer mortality rate, especially for cervix cancer (adjust RR = 2.18). The spatial analysis showed that the highest RBS radiofrequency exposure was observed in a city located in the southern region of

Document Set ID: 7768985 Version: 1, Version Date: 22/11/2021 Brazil, which also showed the highest mortality rate for all types of cancer and specifically for lung and breast cancers."

Long-term exposure to microwave radiation provokes cancer growth: evidences from radars and mobile communication systems. Yakymenko (2011) Exp Oncology, 33(2):62-70.

Even a year of operation of a powerful base transmitting station for mobile communication reportedly resulted in a dramatic increase of cancer incidence among population living nearby.

Association of Exposure to Radio-Frequency Electromagnetic Field Radiation (RF-EMFR) Generated by Mobile Phone Base Stations (MPBS)with Glycated Hemoglobin (HbA1c) and Risk of Type 2 Diabetes Mellitus, Sultan Ayoub Meo et al, International Journal of Environmental Research and Public Health, 2015

Elementary school students who were exposed to high RF-EMFR generated by MPBS had a significantly higher risk of type 2 diabetes mellitus relative to their counterparts who were exposed to lower RF-EMFR.

Isabel López, Nazario Félix, Marco Rivera, Adrián Alonso, Ceferino Maestú. What is the radiation before 5G? A correlation study between measurements in situ and in real time and epidemiological indicators in Vallecas, Madrid. Environmental Research. Volume 194, March 2021, 110734. https://doi.org/10.1016/j.envres.2021.110734.

Residents of a Madrid Spain neighborhood surrounded by nine telephone antennas took a survey. 105 measurements of electromagnetic radiation were taken both outside and inside the houses. People who were exposed to higher radiation values presented with more severe headaches, dizziness and nightmares and slept fewer hours.

Neurobehavioral effects among inhabitants around mobile phone base stations Abdel-Rassoul et al, Neurotoxicology, 2007

This study found that living nearby mobile phone base stations (cell antennas) increased the risk for neuropsychiatric problems such as headaches, memory problems, dizziness, tremors, depression, sleep problems and some changes in the performance of neurobehavioral functions.

Biological Effects from Exposure to Electromagnetic Radiation Emitted by Cell Tower Base Stations and Other Antenna Arrays, Levitt & Lai, Environmental Reviews, 2010

This review of 100 studies found approximately 80% showed biological effects near towers. "Both anecdotal reports and some epidemiology studies have found headaches, skin rashes, sleep disturbances, depression, decreased libido, increased rates of suicide, concentration problems, dizziness, memory changes, increased risk of cancer, tremors, and other neurophysiological effects in populations near base stations."

Mortality by neoplasia and cellular telephone base stations. Dode et al. (Brazil), Science of the Total Environment, Volume 409, Issue 19, 1 September 2011, Pages 3649–3665

This 10 year study on cell phone antennas by the Municipal Health Department in Belo Horizonte and several universities in Brazil found a clearly elevated relative risk of cancer mortality at residential distances of 500 meters or less from cell phone transmission towers. Shortly after this study was published, the city prosecutor sued several cell phone companies and requested that almost half of the cities antennas be removed. Many antennas were dismantled.

Pearce, M., Limiting liability with positioning to minimize negative health effects of cellular phone towers, Environmental Research, Volume 181, 2020,

"There is a large and growing body of evidence that human exposure to RFR from cellular phone base stations causes negative health effects including both i) neuropsychiatric complaints such as headache, concentration difficulties, memory changes, dizziness, tremors, depressive symptoms, fatigue and sleep disturbance, and ii) increased incidence of cancer and living in proximity to a cell-phone transmitter station." The author recommends long-term planning "to minimize the risk of liability from unintended human harm due to cellular phone base station siting" including voluntary restrictions on the placement of cellular phone base stations within 500 m of schools and hospitals."

Epidemiological Evidence for a Health Risk from Mobile Phone Base Stations Khurana, Hardell et al., International Journal of Occupational Environmental Health, Vol 16(3):263-267, 2010

A review of 10 epidemiological studies that assessed for negative health effects of mobile phone base stations (4 studies were from Germany, and 1 each from Austria, Egypt, France, Israel, Poland, Spain) found that seven showed altered neurobehavioral effects near cell tower and three showed increased cancer incidence.

The review also found that eight of the 10 studies reported increased prevalence of adverse neurobehavioral symptoms or cancer in populations living at distances < 500 meters from base stations. None of the studies reported exposure above accepted international guidelines, suggesting that current guidelines may be inadequate in protecting the health of human populations.

Health effects of living near mobile phone base transceiver station (BTS) antennae: a report from Isfahan, Iran. Shahbazi-Gahrouei et al, Electromagnetic Biology Medicine, 2013.

This cross-sectional study found the symptoms of nausea, headache, dizziness, irritability, discomfort, nervousness, depression, sleep disturbance, memory loss and lowering of libido were statistically increased in people living closer than 300 m from cell antennas as compared to those living farther away. The study concludes that "antennas should not be sited closer than 300 m to people to minimize exposure."

Investigation on the health of people living near mobile telephone relay stations: Incidence according to distance and sex Santini et al, 2002, Pathol Bio

People living near mobile phone masts reported more symptoms of headache, sleep disturbance, discomfort, irritability, depression, memory loss and concentration problems the closer they lived to the installation. Study authors recommend that the minimal distance of people from cellular phone base stations should not be < 300 m.

Cindy L. Russell, 5 G wireless telecommunications expansion: Public health and environmental implications, Environmental Research, 2018, ISSN 0013-9351

Radiofrequency radiation (RF) is increasingly being recognized as a new form of environmental pollution. This article reviews relevant electromagnetic frequencies, exposure standards and current scientific literature on the health implications of 2G, 3G, 4G and 5G.

Effects can also be non-linear. Because this is the first generation to have cradle-to-grave lifespan exposure to this level of man-made microwave (RF EMR) radiofrequencies, it will be years or decades before the true health consequences are known. Precaution in the roll out of this new technology is strongly indicated.

Betzalel, Paul Ben Ishai, Yuri Feldman, The human skin as a sub-THz receiver – Does 5G pose a danger to it or not?, Environmental Research, Volume 163, 2018, Pages 208-216, ISSN 0013-9351,

Researchers have developed a unique simulation tool of human skin, taking into account the skin multi-layer structure together with the helical segment of the sweat duct embedded in it. They found that the presence of the sweat duct led to a high specific absorption rate (SAR) of the skin in extremely high frequency band that will be used in 5G. "One must consider the implications of human immersion in the electromagnetic noise, caused by devices working at the very same frequencies as those, to which the sweat duct (as a helical antenna) is most attuned. We are raising a warning flag against the unrestricted use of sub-THz technologies for communication, before the possible consequences for public health are explored."

Mobile phone infrastructure regulation in Europe: Scientific challenges and human rights protection Claudia Roda, Susan Perry, Environmental Science & Policy, Volume 37, March 2014, Pages 204-214.

This article was published in Environmental Science & Policy by human rights experts. It argues that cell tower placement is a human rights issue for children.

"We argue that (1) because protection of children is a high threshold norm in Human Right law and (2) the binding language of the Convention on the Rights of the Child obliges States Parties to provide a higher standard of protection for children than adults, any widespread or systematic form of environmental pollution that poses a long-term threat to a child's rights to life, development or health may constitute an international human rights violation.

In particular we have explained how the dearth of legislation to regulate the installation of base stations (cell towers) in close proximity to children's facilities and schools clearly constitutes a human rights concern according to the language of the Convention on the Rights of the Child, a treaty that has been ratified by all European States.

SAFETY ZONE DETERMINATION FOR WIRELESS CELLULAR TOWER Nyakyi et al, Tanzania (2013)

This research looked at the radiation that cell towers emit and states a safety zone is needed around the towers to ensure safe sleeping areas. The authors state that "respective authorities should ensure that people reside far from the tower by 120m or more depending on the power transmitted to avoid severe health effect."

A cross-sectional case control study on genetic damage in individuals residing in the vicinity of a mobile phone base station. Ghandi et al, 2014 (India):

This cross-sectional case control study on genetic damage in individuals living near cell towers found genetic damage parameters of DNA were significantly elevated. The authors state," The genetic damage evident in the participants of this study needs to be addressed against future disease-risk, which in addition to neurodegenerative disorders, may lead to cancer."

Human disease resulting from exposure to electromagnetic fields, Carpenter, D. O. Reviews on Environmental Health, Volume 28, Issue 4, Pages 159172.

This review summarizes the evidence stating that excessive exposure to magnetic fields from power lines and other sources of electric current increases the risk of development of some cancers and neurodegenerative diseases, and that excessive exposure to RF radiation increases risk of cancer, male infertility, and neurobehavioral abnormalities.

Subjective symptoms, sleeping problems, and cognitive performance in subjects living near mobile phone base stations, Hutter HP et al, (May 2006), Occup Environ Med. 2006 May;63(5):307-13

Found a significant relationship between some cognitive symptoms and measured power density in 365 subjects; highest for headaches. Perceptual speed increased, while accuracy decreased insignificantly with increasing exposure levels.

Oberfeld, A.E. Navarro, M. Portoles, C. Maestu, C. Gomez-Perretta, The microwave syndrome: further aspects of a Spanish study,

A health survey was carried out in La Ñora, Murcia, Spain, in the vicinity of two GSM 900/1800 MHz cellular phone base stations. The adjusted (sex, age, distance) logistic regression model showed statistically significant positive exposure-response associations between the E-field and the following variables: fatigue, irritability, headaches, nausea, loss of appetite, sleeping disorder, depressive tendency, feeling of discomfort, difficulty in concentration, loss of memory, visual disorder, dizziness and cardiovascular problems.

Bortkiewicz et al, 2004 (Poland), Subjective symptoms reported by people living in the vicinity of cellular phone base stations: review,Med Pr.2004;55(4):345-51.

Residents close to mobile phone masts reported: more incidences of circulatory problems, sleep disturbances, irritability, depression, blurred vision and concentration difficulties the nearer they lived to the mast.

The performed studies showed the relationship between the incidence of individual symptoms, the level of exposure, and the distance between a residential area and a base station.

Wolf R and Wolf D, Increased Incidence of Cancer Near a Cell-phone Transmitter Station, International Journal of Cancer Prevention, (Israel) VOLUME 1, NUMBER 2, APRIL 2004

A significant higher rate of cancer (300% increase) among all residents living within 300m radius of a mobile phone mast for between three and seven years was detected.

900% cancer increase among women alone

In the area of exposure (area A) eight cases of different kinds of cancer were diagnosed in a period of only one year. This rate of cancers was compared both with the rate of 31 cases per 10,000 per year in the general population and the 2/1222 rate recorded in the nearby clinic (area B). The study indicates an association between increased incidence of cancer and living in proximity to a cell-phone transmitter station.

The Influence of Being Physically Near to a Cell Phone Transmission Mast on the Incidence of Cancer (Umwelt-Medizin-Gesellschaft 17,4 2004) Eger et al, 2004 (Germany)

200% increase in the incidence of malignant tumors was found after five years' exposure in people living within 400m radius of a mobile phone mast. The proportion of newly developing cancer cases is significantly higher among patients who live within 400 meters of a cell phone transmitter. Early age of cancer diagnosis.

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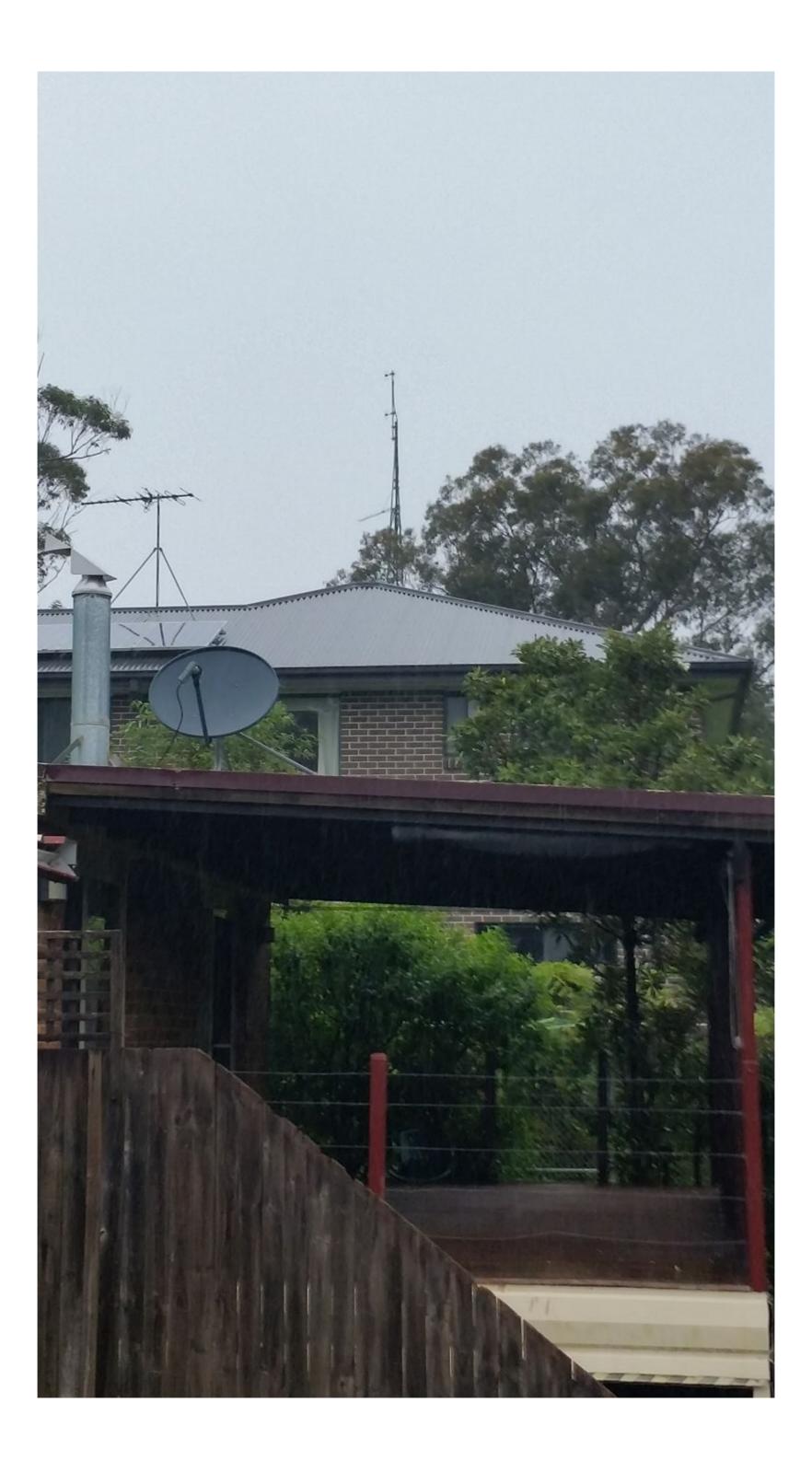
Hawkesbury City Council

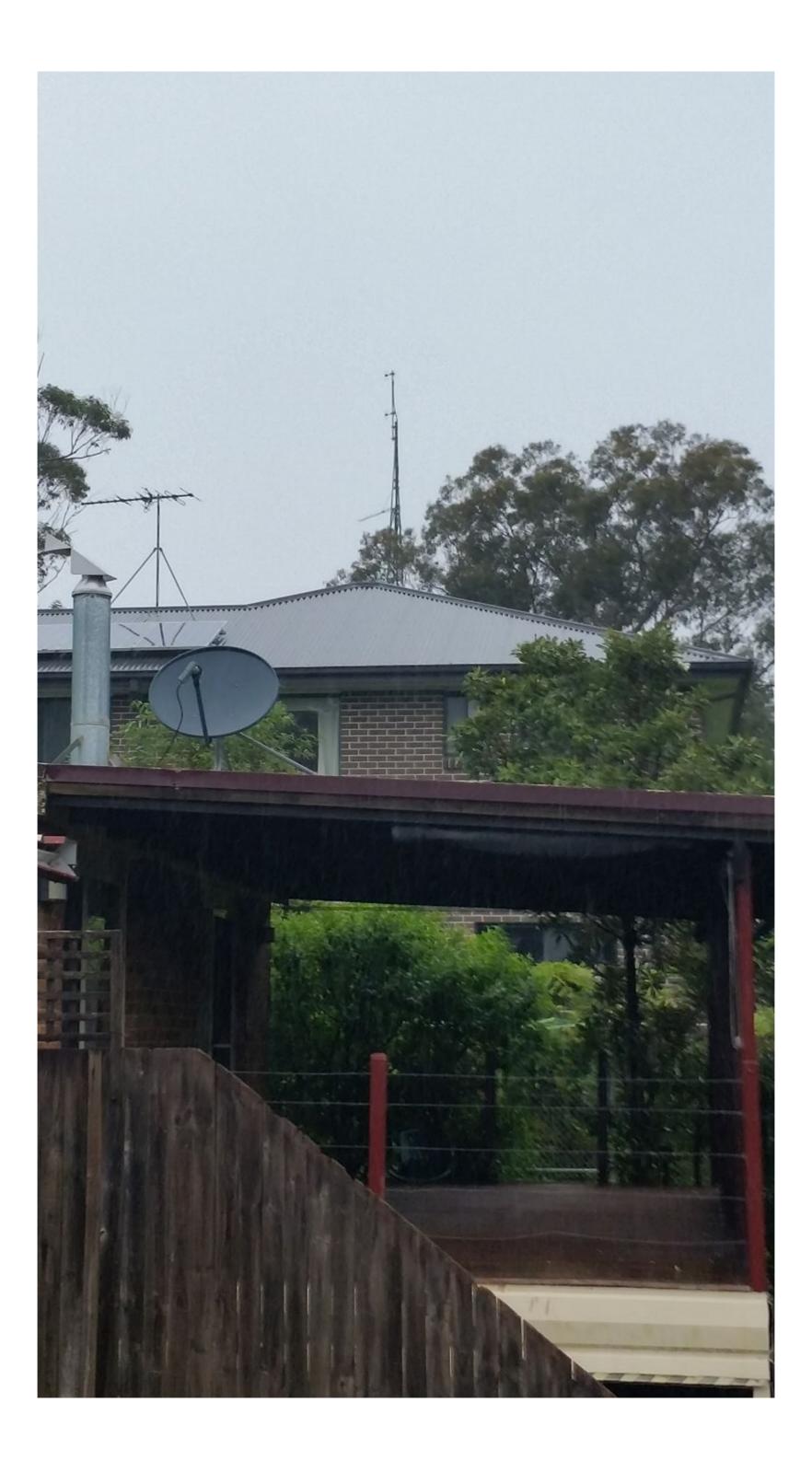
366 George Street (PO Box 146) Windsor NSW 2756 DX 8601 WINDSOR Phone: (02) 4560 4444 Facsimile: (02) 4587 7740 Email: council@hawkesbury.nsw.gov.au



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1. Elizabeth Rowan declare that I have not made any political donation or gift as outlined in Name
the Local Government and Planning Legislation Amendment (Political Donations) Act 2008.
21 / 11 / 2 / Date

Signature





General Manager

Hawkesbury City Council

DA 0308/21

Objection to Proposed development of Optus Tower

I would like to object to the above proposal on the following grounds:

1. The Statement of Environmental Effects

The report states that site E Crago Observatory was discounted due to the land having too high elevation. The elevation is exactly the same as the proposed site at No.18... see attached typographical map.

On this basis alone further investigation was deemed not worthy.

This level of investigation has been referred to as "intensive".

The proposed site at No. 18 Bowen Mountain Road falls outside the Hawkesbury Environmental Plan 2012 in respect to prohibiting a telecommunication facility or any tower to be constructed within a distance of 3 times it's height to residential dwellings.

Site E Crago Observatory meets the HEP 2012 criteria.

Site E would incur a higher cost but lessen the visual, health and safety, social and economic issues that will be caused by locating this tower at site A.

2. The local community has not been given more detailed information in relation to any health risks posed by this proposed development. Is there a possibility that this tower will service other Telcos and increase this risk?

Aircon units will be operated 24hrs and no information given on what noise pollution adjacent residents may suffer.

There has been no community consultation from Optus for this proposal.

3. Existing vegetation at the site will not reduce markedly the visual impact of a 33m tower positioned metres from neighbouring dwellings... this tower will be 10 times the height of a single story dwelling and visible from Lieutenant Bowen Road.

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4. Has a cost benefit analysis been carried out for the properties neighbouring this proposal and whi will suffer a valuation decrease?	ch
Brett Ryan	

Document Set ID: 7766652 Version: 1, Version Date: 19/11/2021

political donations and gifts disclosure statement



Office use only: Development Application no. 230 Date received:

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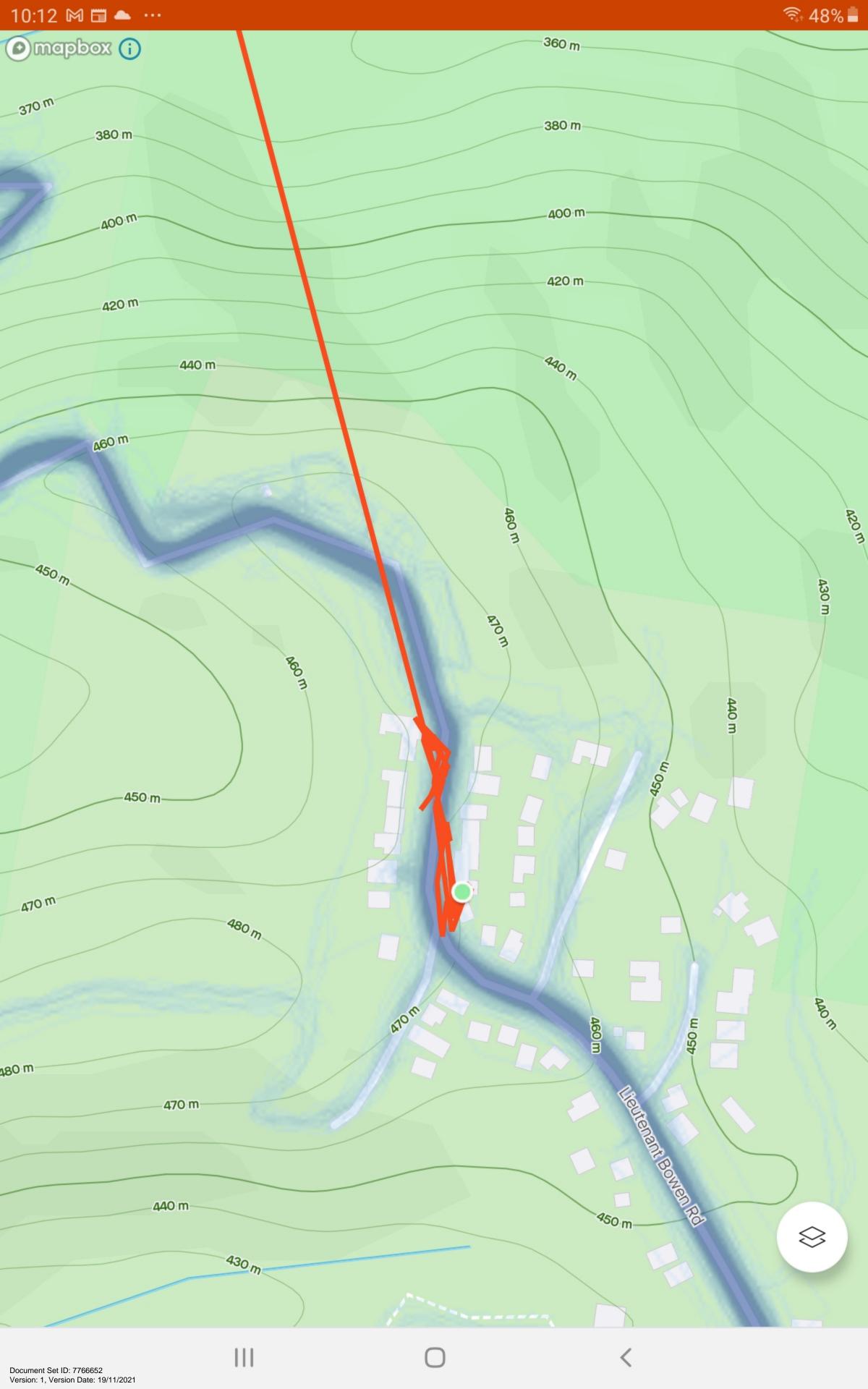
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BRETT	RYAH	declare that I have not made any political donation or gift as
the Local Gove	[Name] nmephand Planning	Legislation Amendment (Political Donations) Act 2008.
	Signature	Date

outlined in



From: Brett Ryan

Sent: Thursday, 18 November 2021 3:08 PM

To: Hawkesbury City Council Subject: DA 0308/21 Objection

Attachments: General Manager-WPS Office.docx; 20211118_150126.jpg; Screenshot_

20211118-101252_Strava.jpg

Please find attached.

Brett Ryan

1

From: Sean Ryan

Sent: Sun, 21 Nov 2021 20:02:03 +1100

To: Hawkesbury City Council Subject: Objection to DA 0308/21

Attachments: political_donations_and_gifts_disclosure_statement_2008(1).pdf, Objection to

DA 0308 21.pdf

To whom it may concern,

See attached documents in reference to the objection of DA 0308/21.

Cheers,

Sean Ryan

Document Set ID: 7768902 Version: 1, Version Date: 22/11/2021

political donations and gifts disclosure statement



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_{l.} Sean Ryan	declare that I have not made any political donation or gift as outlined in
[Name]	
the Local Government and Planning	Legislation Amendment (Political Donations) Act 2008.
	21/11/21
Signature	Date

General Manager

Hawkesbury City Council

DA 0308/21

Objection to Proposed Development of Optus Tower

21/11/2021

To whom it may concern,

This application is an example of big business overriding community considerations in the interest of financial gain. The application has not been properly advertised. A large percentage of residents of Bowen Mountain are not aware of this proposal, including the Aboriginal owners of the neighboring bushland.

The application is biased and does not fully explore a more viable option which, albeit more expensive, meets NSW and Local Council Environmental Planning.

I would like to object to the above proposal on the following grounds:

1. The Statement of Environmental Effects and Site Selection

This application does not meet NSW Sate Government and Hawkesbury City Council Planning and Environment policies.

The above policy recommendations stipulate that no telecommunication facility be constructed within residential zoning and any tower must meet height restrictions.

The applicant claims the site has commercial zoning but is within an RU5 Village zoning. Surely zoning regulators are in place to protect the residents investing and living in a particular area? The applicant simply overrides this to the point of not investigating a more viable site noted on the application.

Investigation of the site E (Crago Observatory) was discontinued due to this site having a higher elevation. In actual fact both sites have the same elevation. In addition, Site E meets all environmental policy guidelines.

2. Local Residents

The local community has not been consulted by the applicant, Optus.

There is no signage at the site frontage notifying of the proposed development.

Residents will suffer noise pollution from the 24hr operation of the facility. Numerous aircon units will be stationed 5m from residential housing.

Document Set ID: 7768902 Version: 1, Version Date: 22/11/2021 The tower will present visual pollution. It will be 33m in height and thus 13m above vegetation which supposedly is claimed to hide it.

The value of resident's property will decrease. Whether proven or not there is a popular feeling that these towers produce health damaging electromagnetic fields and this will undeniably have a negative effect on values. This is glossed over in the application.

A cost benefit analysis has not been provided to the residents neighboring the proposal who are likely to suffer significant decrease in value to their own properties/assets.

Regards,

Sean Ryan



General Manager

Hawkesbury City Council

P.O. Box 146,

Windsor NSW 2756

RE: Development Application 18 Lieutenant Bowen Road, BOWEN MOUNTAIN, Lot 609 DP 222231. DA0308/21

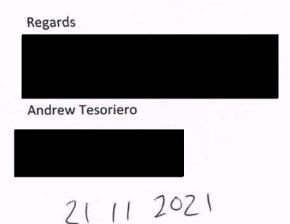
Dear Sir/Madam

Objection to Development of Optus Mobile Phone Tower at the above address.

I wish to strongly object to this proposal on the following grounds

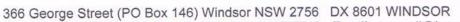
- Devaluation of my and other homes within the vicinity of this Optus Mobile Phone tower
- Noise pollution- air conditioning running 24 hours
- Inadequate Resident notification, every resident of Bowen Mountain should have received notification, also should be signage at the above address of the pending DA,
- Does not meet the zoning regulation in the area.
- Much larger vertical tower which will encroach on views
- · Lightning strikes and strong wind velocity in the area
- Bowen Mountain is surrounded by a vast amount of bushland, there are two other candidate sites in the area that are a distance from homes, that would be more suitable building a tower next to homes.

I fully support that a communication tower is needed at Bowen Mountain but not in close proximity to the houses, please reconsider the other alternatives.



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Hawkesbury City Council



Phone: (02) 4560 4444 Facsimile: (02) 4587 7740 Email: council@hawkesbury.nsw.gov.au



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I, Andrew Tesocier odeclare that I have not made any political donation or gift as outlined in
the Local Government and Planning Legislation Amendment (Political Donations) Act 2008.
21 11 2021
21 11 2021
Signature Date

From: Natalia Teulan

Sent: Sun. 21 Nov 2021 17:35:20 +1100

To: Hawkesbury City Council

Subject: DA 0308/21

Attachments: Signed donations form.pdf

ATTN: General Manager, Hawkesbury City Council, Windsor NSW 2765 Dear General Manager.

I am writing in opposition to the Development Proposal for a Telecommunications Facility at 18 Lieutenant Bowen Road, Bowen Mountain (Lot 609, DP 222231).

Please find attached form regarding political gifts and donations.

I have been visiting Bowen Mountain for over 25 years, frequently staying for periods of several days when I visit my mother. I now bring my young daughter on these visits. My mother resides at 16 Lieutenant Bowen Road, immediately adjacent to the proposed development.

I am very concerned about the proposed structure and the impact it will have visually, as well as the possible health and wellbeing impacts upon residents and their visitors, due to the structure being in such close proximity to residential properties. The impact upon the resale value of homes in close proximity to the proposed development is also likely to be significant and negative.

I understand that an alternative site close to the Crago Observatory has been rejected due to being deemed to be of excessively high elevation, however the elevation at that site is very similar to that of 18 Lieutenant Bowen Road. A benefit of being located at the Crago Observatory site is that the development would be much more isolated from residential properties.

Another reason 18 Lieutenant Bowen Road appears to have been chosen for the proposed development, is that there is an existing tower on the property. However, the existing tower is only half as tall as the proposed 33.5 meter tower, and described as a "lattice" tower, rather than the proposed tower which appears to be very solid, unattractive and imposing. The proposed tower would be a significant blight on the beautiful natural landscape of this residential street.

The full health and environmental impacts of the proposed development upon residents and their visitors appears, as yet, unclear. There is some evidence to suggest that electromagnetic fields can interfere with the operation of pacemakers (refer to Experimental study on malfunction of pacemakers due to exposure to different external magnetic fields - PubMed (nih.gov)).

The existing structure at the proposed development site already has signs indicating there is radioactive material on site. It is unclear to me what the current impact of this radioactive material is, and if/how this will change with the proposed development.

I suggest an extension of time is required to allow residents and their visitors more time to consider the proposal.

During this time, further information regarding health and environmental impacts upon residents should also be provided, and errors and information that is lacking in the draft proposal plans should be amended. For example:

- An error on "Draft site layout sheet 1 of 2" incorrectly indicates that an "Existing Endeavour Energy Compound" is in my mother's backyard.
- An example of further information being required, (on the same draft site layout page 1 of 2), is that a "proposed Optus U/G Power Route" is "TBA" which I take to mean it is "to be advised". This route, as indicated on the draft, appears to go through the front of my mother's property, close to large, established trees another reason I would oppose this application.

It is concerning to easily find such errors and omissions on the documents for the proposed tower, and very unsettling to think what else could be incorrectly included in, or omitted from, the documents supporting this development application.

I sincerely hope that the proposed development does not proceed due to all of the concerns raised above. At the very least, an extension of time for submissions to be put forward by the community seems appropriate, given many have not yet been able to give this matter their full consideration. Regards,

Document Set ID: 7768890 Version: 1, Version Date: 22/11/2021 Natalia Teulan

Document Set ID: 7768890 Version: 1, Version Date: 22/11/2021

political donations and gifts disclosure statement



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If you do not have a disclosure

Should you have no reportable political donations and gifts to disclose simply complete and sign the declaration below.

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I, NATALIA CLARE TEULAN declare that I have not made any political donation or gift as outlined in

the Local Government and Planning Legislation Amendment (Political Donations) Act 2008.

21/11/21

Signature

From: Damien Tomlinson

Sent: Mon, 22 Nov 2021 16:56:46 +1100

To: Hawkesbury City Council

Subject: Objection - DA Application: Lot 609/ DP222231

Good afternoon

Please find the following objection to the DA Application within the subject line above. In all correspondence and public available information regarding the above application, no property value impact case studies, examples or projections have been provided within the consultancy period.

Having such a significant piece of infrastructure within the midst of a residential pocket may impact negatively on the value of surrounding properties.

Can this information please be presented?

Without this insight at this stage, the objection must be made.

Thank you for your time and consideration.

Kind regards,

Damien Tomlinson

Document Set ID: 7770141 Version: 1, Version Date: 23/11/2021 From: Pauline Vizzard

Sent: Thursday, 18 November 2021 10:05 AM

To: Hawkesbury City Council **Subject:** DA0308/21 objection

General Manager, Hawkesbury City Council, P.O. Bow 146, WINDSOR. NSW 2756

RE: Development Application 18 Lieutenant Bowen Road, BOWEN MOUNTAIN, LOT 609. DP 222231.DA0308/21

Dear Sir/Madam,

Objection to development of a new Telecommunications Facility at 18 Lieutenant Bowen Road, BOWEN MOUNTAIN. NSW 2753

- 1. There are alternatives that have not been given full consideration.
- 2. This significant development invades the amenity of many local properties.
- 3. There has not been a full and frank exposition of this project to the local residents.
- 4. The Electro-Magnetic Radiation is hypothetical as it has not been tested on-site.
- 5. The adjoining property owners now have the expectation of a diminished valuation.
- 6. The report is obviously towards Optus and not independent.
- 7. The 'noise section 5.4' is a blatantly obvious example of this biased report i.e. see 'vast separation' and etc.
- 8. The site plan is stamped 'DRAFT'. The existing building is 15 metres from my kitchen window.
- 9. The quarterly maintenance is inadequate in a Bush Fire Region.
- 10. The existing RADIATION HAZARD sign on their door says it all.

I will be forwarding an email detailing the above objections

and asking some questions this DA fails to answer.

ENC: Political donations and gifts disclosure statement 1 x Photo from kitchen window

Pauline Vizzard

Hawkesbury City Council



366 George Street (PO Box 146) Windsor NSW 2756 DX 8601 WINDSOR Phone: (02) 4560 4444 Facsimile: (02) 4587 7740 Email: council@hawkesbury.nsw.gov.au

p	olitical donations and gifts disclosure statement
Off	ice use only:
Dat	e received:/ Development Application no
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au.	I'n.CV.I.Z. And declare that I have not made any political donation or gift as outlined in
ocal	Government and Planning Legislation Amendment (Political Donations) Act 2008.

the

Signature



From: Robin Woods

Sent: Mon, 22 Nov 2021 23:18:35 +1100

To: Hawkesbury City Council

Subject: DA 0308/21 Objection to development of Optus Tower Bowen Mountain Attachments: Response to Development Application.docx, Political gifts statement

disclosure.pdf

To the General Manager

Dear Sir/Madam

I wish to object to this proposal on various grounds as outlined in the attachment. I was told that it would be acceptable to lodge it before mid-night. As it is a rather large document I hope this is still acceptable. The Political Gifts and donations disclosure statement is also added.

Yours Sincerely

Robin Woods

Document Set ID: 7770151 Version: 1, Version Date: 23/11/2021 The General Manager

Hawkesbury City Council

In reference to DA 0308/21 re proposed development of Optus Tower at 18 Lt Bowen Road, BOWEN MT.

Dear Sir/Madam

Objection and comments regarding the development of a new telecommunication tower on the above address on the following grounds:

- position and distance from existing households
- change of location of the new tower to the front of the block
- Insufficient distance from adjacent homes (below permitted threshold)
- Potential dangers of risk from exposure; particularly impact on young children who use the area to meet for the local bus.
- lack of sufficient research of the ecological aspects of the site (in relation to need to protect endangered species such as koala or tree-hollow nesting birds)
- Lack of any indication of cultural mapping
- Lack of evidence of planning involving contact with the Deerubbin LALC which has recently taken up some areas (see map and article)

To begin, I need to state my lack of knowledge in the science surrounding telecommunication towers, their purpose, operation, development and any dangers or risks posed to our population. I have tried to address this by searching the literature (see The Stewart Report, and planning guidelines)

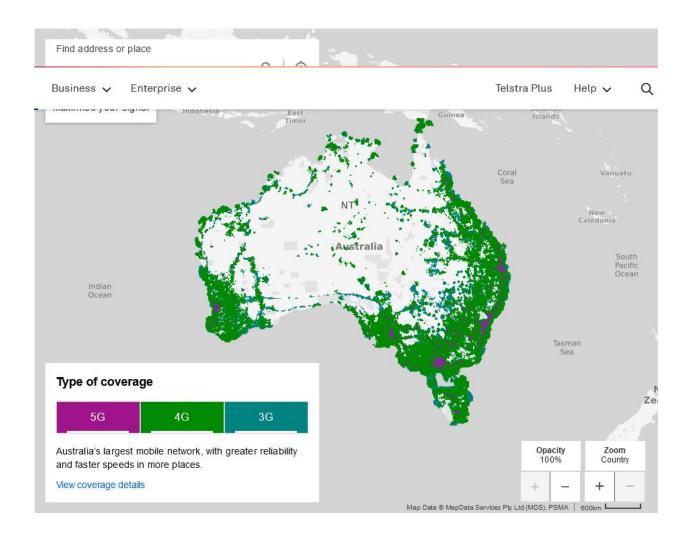
At the same time, I now use a mobile phone extensively whilst not being aware of the vast coverage as mapped by Telstra and other carriers. On Bowen Mt especially, our community relies on phones of all sorts to respond to emergencies such as fire; so we hope and expect that RFS and other rescue organisations are well equipped to handle these.

 $\underline{https://www.planning.nsw.gov.au/-/media/Files/DPE/Guidelines/nsw-telecommunications-facilities-guideline-including-broadband-2010-07.pdf}$

The four principles in this document are summarized here:

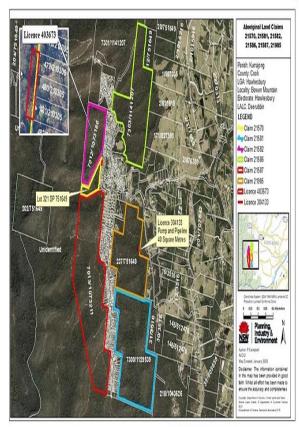
	Comment
Principle 1: a telecommunications facility is to be designed and sited to minimise visual impact	The tower will now be a very visual feature of the site as it is positioned to the front of the block
Principle 2: telecommunications facilities should be co-located wherever practical.	It's accepted that this tower is not connected to any other facility apart from the brick building
Principle 3: health standards for exposure to radio emissions will be met.	Not known at this point
Principle 4: minimise disturbance and risk, and maximise compliance	Assumed, but depends on distance as discussed in other section

Coverage of the continent by Telstra has awakened me to the need to look further into the changes that have happened in my life!



Existing operations and layout of the site in relation to adjacent properties: The area is currently zoned RU5 village but the site itself is much better described as an **industrial area** by the works which will have been undertaken in the past, and more so when the much bigger tower is installed. There is even indication of lack of toilets or other utilities for personnel. Management of the grounds to avoid fire danger has also been noted as lacking.

There is a lack of any ecological studies or any reference of cultural mapping, despite the recent granting of ownership of lands around Bowen Mt to Deerubbin LALC. (see attached map). It would also be expected that RFS and NPWS would need to have input to this plan due to their needs for services. Very minor mention in both cases has been inserted when the sites were compared. On seeing the old growth trees at the roadside and within the block suggests that various fauna could be using them, including koala and hollow-nesting birds.





The map shows properties in this section surrounding the property (609 DP 222231) The various maps of the layout of the site do not cover the fact that the **new tower exceeds its required height ratio with relation to the distance from the two nearest houses.** Eg

Lot Number	Location and distance	Comments by owner /family
610 2-storey house	Directly adjacent on sth side and	The hum of the cooling system is
	within 5m of the pole location	clearly heard from the verandah
		and bedrooms overlooking the
		site of the proposed tower
608; single storey home	Directly adjacent on nth side and	Affected by maintenance works
	facing brick building and signage	on tower site eg lawn mowing,
		trimming branches,
		accumulation of dead litter
674: single storey home	Facing across the road at tower	works will involve road traffic
	site:	interruption
Other comments by neighbours	Children gather to wait for bus.	On the bush area outside the
	Within 10m of pole base	gate of the tower facility.

PHOTOS of site:



1. Shows site of new tower in relation to neighboring property at 610. The two storey building overlooks the new tower placement.



2. Old tower seen at back of brick building.



3. Warning notifications on brick building. Neighbour site (Mrs P Vizzard at 608). Wire fence separates the two properties.

Bowen Mountain - 250ha land handed to Aboriginal Land Council – most zoned for residential building

Crown Land at Bowen Mountain which provides a buffer between the rear of many residents' properties and the Blue Mountains National Park – and includes several fire trails - has been handed to Deerubbin Local Aboriginal Land Council who can now make decisions about the 250 hectare land parcel's future use.



Part of one of the parcels of land now belonging to Deerubbin LALC

Most of the land is zoned E4 which means it's an Environmental Living zone where building could potentially be allowed for low impact residential uses. Buildings that could potentially go up in the area - according to E4 definition - include houses, bed and breakfast accommodation, eco-tourist facilities, environmental facilities and secondary dwellings - all subject to normal planning consent.

The large swathes of land - some 620 acres in total - have been a long time coming for the Deerubbin LALC who are the biggest private landholders – with 17,000 hectares – across seven local government areas, including the Hawkesbury, Penrith, Blue Mountains and Hills. The LALC lodged their claim for the Bowen Mountain Crown Lands back in October 2009 and it wasn't until this last September NSW Minister for Planning and Public Spaces, Rob Stokes, finally signed off on the transfer.

Ref http://www.mastsanity.org/campaign-information.html#2Councillors

The Stewart Report - what is it all about?

What exactly is the 'Stewart' Report?

In May 2000, the Independent Expert Group on Mobile Phones, under the leadership of Professor Sir William Stewart, presented their government-sponsored report ("Mobile phones and health") to the nation. This study of the possible health effects of mobile phones, base stations and transmitters adopted an evidence-based approach. That is to say, it conducted an extensive review of the literature and then asked for evidence from experts, members of the public, representatives of government, interest groups and the industry.

What conclusions were reached by the report?

There were nine conclusions published in the report. They are:

- 1. The use of mobile phones will continue to increase.
- 2. Evidence to date does not suggest a general health risk.
- 3. Some scientific evidence shows that radio-frequency (RF) radiation may affect biological function. It is not possible to say, therefore that exposure to RF radiation, even at levels below national guidelines, is totally without potential adverse health effects.
- 4. A precautionary approach should be adopted until more detailed information becomes available.
- 5. Emissions from masts will be many times less than emissions from handsets.
- 6. Some people's well-being may be adversely affected by the environmental impact of mobile phone base stations (masts) sited next to houses, schools or other buildings, as well as by fear of perceived direct effects.
- 7. All bases stations, including those under 15 metres, should have permitted development rights revoked and the siting of all new base stations (masts) should be subject to the normal planning process.
- 8. The use of mobile phones while driving is dangerous.
- 9. The widespread use of mobile phones by children should be discouraged.

Signed:

Robin Woods

37 Bellbird Cr. Bowen Mt 2753

27.11.2021

political donations and gifts disclosure statement



Office use only:		
Date received://	Development Application no. 0308/2	21

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Robin Werps	declare that I have not made any political donation or gift as outlined in
[Name]	
the Local Government and Planning Legislat	tion Amendment (Political Donations) Act 2008.
	21/11/2021
Signature	Date

1