

[REDACTED]

Opposed to Wallacia Cemetery/Crematoria .

[REDACTED] I have lived in Wallacia for 44years and have **experienced numerous floods** within this time. I have seen the impacts including the ferocity of these floods

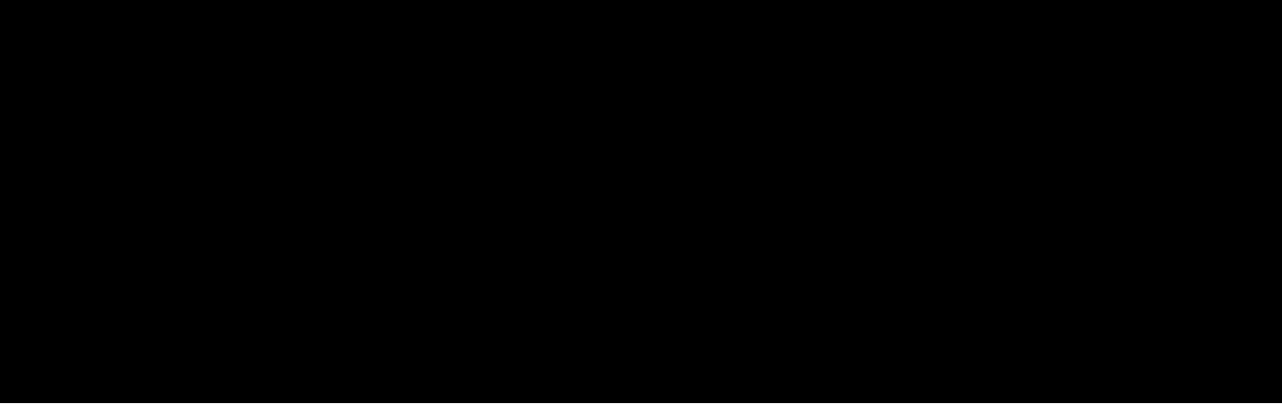
**Therefore** I am here to oppose the Wallacia Memorial Park Cemetery/Crematoria within the flood prone Golf Course 13-15 Park Rd .Wallacia . (5)

Before siting a cemetery, soil type , water table levels, flood levels, hydrology and topography (1,3) have to be considered to prevent contamination of soil , water and it effects on people residing close by WATER is the main transport mechanism for contaminants, bringing contaminants into deeper soil layers or up to the surface. (1)

Studies have found for example,: ammonia nitrate, microbial pathogens, breeding sites for Mosquitoes,(7) bacteria, viruses, p 354-5 (1,6) heavy metals like mercury, embalming fluids, leachates and many more potential containments that seep into the soil that can potentially affect ground or surface water.

Thus the natural environment especially for our very vulnerable children and elders would be placed into serious public health risks (6) (7) from these contaminates of the cemetery and crematoria ashes.

To give you some perspective of the flood level.



The community was also marooned internally with floodwaters engulfing houses in the village and local school grounds.

In-between is the flooded pathway of the golf course with Jerry Creek overlapping onto Mulgoa Rd becoming a fast flowing river connecting to Nepean River where the caravan park could not be seen due to the fast flowing Nepean River concealing the Wallacia Blaxland Crossing Bridge  
I was informed later that this flood was not a hundred year flood level

**A Comprehensive Research by Boyd Dent (1) and citing 434 documents concludes (p 354-6 ) that no operating cemetery should be located on ANY land subject to inundation 1:100 year flood zone and to keep cemeteries away from waterways**

By proposing a cemetery / Crematoria would also exasperate the stressed water quality of Nepean River and the eco system, where people still swim, drink and obtain water for irrigation by farmers down stream (3)

**The bigger the cemetery the higher the contaminate factor**

The catholic trust is also sourcing out potential adjoining properties to purchase , thus to expand the cemetery without any research of the necessary requirements .

**At NO event** has the Catholic Trust demonstrated any **studies** to prevent catastrophes and the consequences of a flood and it effects of potential contaminants with the risk of spreading disease to the local and broader community.

This is our generations future and we as a community have an obligation to protect the ecology of the valley and to make the environment, our community and waterways safe.

### **Reference**

1. Boyd.B .Dent: The Hydrogeological Context of Cemetery Operations and Planning in Australia The University of Technology Sydney , Vol. 1. 2002

3. Hawkesbury Nepean River Environment monitoring Program

[http://www.environment.nsw.gov.au/resources/water/09112hnrempfint\\_echrpt.pdf](http://www.environment.nsw.gov.au/resources/water/09112hnrempfint_echrpt.pdf)

Published 2009

3. Cemetery setback Distances to Prevent Surface water Contamination.

National Collaborating Centre for Environment Health 2017

4. Did corpses really get washed from Queanbeyan Riverside Cemetery into Lake Burley Griffin in the 1974 flood?

<http://www.abc.net.au/news/specials/curious-canberra/2017-07-17/did-corpses-really-get-washed-from-queanbeyan-riverside-cemeter/8702176>

5. <http://westernweekender.com.au/2018/02/cemetery-debate-lives-on-as-wallacia-locals-pack-council-chambers/>

6. Environmental damage and public health threat caused by cemeteries: a proposal of ideal cemeteries for the growing urban sprawl

[http://www.scielo.br/pdf/urbe/2017nahead/2175-3369-urbe-2175-](http://www.scielo.br/pdf/urbe/2017nahead/2175-3369-urbe-2175-3369009002A005.pdf)

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7. Artificial container -breeding mosquitoes in cemeteries a perfect match

<https://www.ncbi.nlm.nih.gov/pubmed/17300639>