

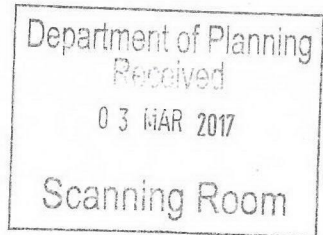


36 Irrubel Road  
NEWPORT 2106

Department of Planning and Environment  
GPO Box 39  
SYDNEY 2001

28 February 2017

Dear Sir/Madam



### **Ingleside Land Use and Infrastructure Strategy**

I attended the recent community consultation at Mona Vale Community Centre and would like to make the following submission.

#### **Biodiversity**

I support the establishment of wildlife corridors and preservation of good quality vegetation however one thing that concerns me a great deal is that there were no overlay maps on display of the Ingleside area vegetation as it is now. I feel that overlay maps showing ecological communities, particularly endangered ecological communities and areas that contain threatened species should have been included.

After speaking to some of the people that live in the affected area, I got the feeling that areas with high species diversity were not taken into account when rezoning crown land. The native seed bank is an extremely important part of an ecological community and areas that may have weed infestation may have a very good native seed bank and good species diversity of plants and animals and also may contain threatened species. Just preserving 'good quality vegetation' isn't looking at the full picture.

I support the establishment of a network of wildlife corridors that can conserve large portions of vegetation and achieve ecological connectivity.

I support fauna crossings, in particularly vegetated crossings, in conjunction with the Mona Vale Road upgrade that will allow animals to cross **safely**.

The first wildlife crossings were constructed in France in the 1950s. The photo below is in Canada and has had thousands of recorded crossings. In the United States thousands of crossings have been built in the last 30 years including culverts, bridges and overpasses. (<http://www.amusingplanet.com/2012/07/wildlife-crossings-around-world.html>) 2/2/17

#### **Watercourses, tributaries and riparian corridors**

The Structure Plan identifies riparian protection areas along Wirreanda, Cicada Glen, Mullet and Narrabeen Creeks. I agree that it is important to protect and enhance these watercourses through appropriate vegetative treatment to prevent any increase in adverse environmental impacts on the adjoining sensitive environments. However, it might need more than just appropriate vegetative treatment and it is important to protect the creeks themselves from adverse environmental impacts.

I support the use of other water cycle management measures include rainwater harvesting, bio-retention basins, stormwater harvesting for re-use and gross pollutant traps to treat run-off.

The mapping of the waterways was not as detailed as the Council maps. Why wasn't it or why weren't the Council maps used?

I believe that as a consequence of residential development in Ingleside a sewage pumping station on Cicada Glen Creek which flows into Pittwater is proposed.

**No sewage overflows** should be permitted from this site. Sewage overflows increase the amount of water, change the velocity, temperature and nutrients, increase erosion and detrimentally affect biodiversity of a waterway in a very short time.

As a member of Streamwatch and a bush regenerator I am extremely concerned about any further negative impacts on the health of our waterways. In this day and age we should be doing everything possible to prevent pollution into waterways and we should be cleaning them up.

Yours faithfully



Margaret Richardson



Wildlife overpass in Banff National Park Photo Joel Sartore