

## Natural Environment Referral Response - Riparian

Application Number:	DA2020/1639
Date:	06/01/2021
To:	Kelsey Wilkes
Land to be developed (Address):	Lot LIC 316068 , 158 Crescent Road NEWPORT NSW 2106

### Reasons for referral

This application seeks consent for the following:

- All Development Applications on land, and located within 40 metres of land, containing a watercourse, or
- All Development Applications on land containing a wetland, or located within 100m of land containing a wetland,
- All Development Applications on land that is mapped as "DCP Map Waterways and Riparian Land".

And as such, Council's Natural Environment Unit officers are required to consider the likely impacts on drainage regimes.

### Officer comments

This application has been assessed against relevant legislation for the protection of waterways.

Given the ecological importance of estuarine plants, the seawall is to be constructed behind the *Juncus* spp. plants and construction techniques that minimize shoreline disturbance be implemented. If any *Juncus* spp. plants require removal they should be replanted in front of the seawall after construction. Silt curtains should be used to control any potential impacts on water quality from construction works below the HWM. They are to be installed prior to commencement of works to prevent the release of turbid plumes into the aquatic environment during construction.

All contractors must be familiar with the invasive alga *Caulerpa taxifolia* and the measures to be taken if it is found onsite.

With the application of these conditions it is considered unlikely that the proposal will have an adverse impact on the integrity and resilience of the biophysical, ecological and hydrological environment. It is therefore recommended for approval subject to conditions.

The proposal is therefore supported.

Note: Should you have any concerns with the referral comments above, please discuss these with the Responsible Officer.

### Recommended Natural Environment Conditions:

**CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK**

**Management of *Caulerpa taxifolia***

The invasive marine alga *Caulerpa taxifolia* may be present on this site. Site personnel must be able identify *Caulerpa*. All tools, machinery and environmental control devices must be inspected and cleaned thoroughly before entering and prior to leaving the site to prevent the spread of *Caulerpa* to other sites.

If any *Caulerpa* is found on site it must be removed from the waterway, tightly sealed in a plastic bag and lawfully disposed in general waste.

Reason: *Caulerpa taxifolia* is listed under the Biosecurity Act 2015 for all NSW waters.

**Aquatic sediment management**

Environmental safeguards (e.g. silt curtains) are to be used during construction to prevent the escape of turbid plumes into the aquatic environment. The silt curtains must be carefully placed and secured to ensure they do not damage the *Juncus spp* on site.

The safeguards must be regularly maintained and removed once the works are completed.

Reason: Protection of aquatic and intertidal environment.

**Protection of *Juncus spp* plants**

The seawall is to be constructed behind the *Juncus spp.* plants. Construction techniques that minimize shoreline disturbance are to be implemented. If any *Juncus spp.* plants require removal they should be replanted in front of the seawall after construction.

Reason: protection of estuarine vegetation