

Natural Environment Referral Response - Riparian

Application Number:	DA2020/0962
Date:	29/10/2020
To:	Rebecca Englund
Land to be developed (Address):	Lot 1 DP 1170245 , 0 Wharves And Jetties MANLY NSW 2095

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.

No seagrass beds have been identified by DPI in the immediate vicinity of the proposed deck extension, however the applicant must engage a suitably qualified ecologist to confirm the absence of seagrass at the site through a detailed seagrass survey. The use of crane barges for deck construction has the potential to adversely impact water quality in this area through siltation, as such the applicant must ensure all safeguards e.g. silt curtains are in place to prevent changes to water quality. A Construction Environmental Management Plan (CEMP) shall be developed to ensure all environmental risks from construction works are mitigated

The applicant is required to comply with the general terms of conditions applied by DPI Fisheries.

With the application of these conditions it is considered unlikely that the application will have an adverse impact on the integrity and resilience of the biophysical, ecological and hydrological environment. It is therefore supported 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 SATISFIED PRIOR TO THE ISSUE OF THE CONSTRUCTION CERTIFICATE

Construction Environment Management Plan

A Construction Environmental Management Plan (CEMP) must be prepared in accordance with the environmental risks and mitigation methods identified in the Biodiversity Assessment and must be kept in the site office.

An induction plan for site personnel must be prepared that addresses the CEMP.

The CEMP and site induction plan must be submitted to the Certifying Authority for approval prior to the issue of the Construction Certificate.

Reason: To protect native vegetation, wildlife, habitats and receiving waterways.

Survey of Seagrass

The applicant must engage a suitably qualified ecologist to undertake a detailed survey of seagrass in the vicinity of the site. The results from this detailed survey are to be submitted to the Certifying Authority for approval prior to the issue of the Construction Certificate. Results from this survey are to be referred to in the CEMP.

Reason: Protection of seagrass

CONDITIONS THAT MUST BE ADDRESSED PRIOR TO ANY COMMENCEMENT

Management of *Caulerpa taxifolia*

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

Any *Caulerpa* removed from the waterway should be 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.

Worksite inductions

The site Environmental Officer (or appropriate equivalent) must induct all staff prior to their starting work, with an induction record maintained and available onsite at all times.

Personnel conducting the site induction must:

- (a) Be familiar with any environmental protection conditions under the development approval and/or the Construction Environment Management Plan
- (b) Be familiar with the names and contact details of relevant people and authorities in the event of any environmental or site management emergency.
- (c) Be familiar with the presence of environmentally significant areas within and surrounding the site.
- (d) Be able to identify threatened species of fauna if they enter the site
- (e) Be familiar with animal welfare issues and procedures should human-wildlife interactions take place during the construction phase.

Reason: To ensure all personnel understand what must be done to protect native vegetation, wildlife, habitats and receiving waterways on the site.

Use of equipment and vessels in the vicinity of seagrass

No equipment is to be placed on any seagrass beds which may be in the vicinity of the construction site.

Inshore infrastructure for mooring vessels and plant must be used where suitable. Where mooring lines or cables are required, they shall be suitably buoyed prior to laying and kept buoyed once laid to prevent cable drag or swing damage (scalping). Where this is impractical, contractors should use a floating rope.

Vessels must have adequate clearance over seagrass beds, including allowance for tidal movement, swell/wind wave heights and vessel propulsion.

Reason: Protection of seagrass

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 properly to ensure they do not drag over any nearby seagrass beds.

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

Reason: Protection of seagrass

Dredging Works

A permit from Council and the Department of Primary Industries (Fisheries) is required prior to conducting dredging.

Reason: Protection of the environment.