Natural Environment Referral Response - Riparian

Application Number:	DA2021/1830

Date:	20/10/2021
To:	Phil Lane
Land to be developed (Address):	Lot 48 DP 8013 , 52 Sturdee Lane LOVETT BAY NSW 2105 Lot LIC 595845 , 52 Sturdee Lane LOVETT BAY NSW 2105

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 and policy relating to waterways, riparian areas, and groundwater.
As this site exists within the Pittwater waterway, the development must not significantly impact on the biophysical, hydrological or ecological integrity of these waters.
Sediment, erosion and Caulerpa management controls as specified by DPI Fisheries permit and the CEMP prepared by Marine Pollution must be installed prior to and maintained until all work is complete.
This application, subject to conditions, is recommended for approval as it is unlikely to have an adverse effect on the integrity and resilience of the biophysical, ecological and hydrological environment of the Pittwater waterway if conditions are adhered to.

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 Aquatic Ecology Report/Waterway Impact Statement prepared by Marine Pollution Research Pty Ltd and must be kept in the site office. The CEMP must include a Caulerpa Management Plan in accordance with NSW DPI Fisheries guidelines.

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.

CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK

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.

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 drag over any nearby seagrass beds.

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

Reason: Protection of seagrass.

Use of equipment and vessels in the vicinity of seagrass
No equipment is to be placed on any seagrass beds.

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.