

Natural Environment Referral Response - Riparian

Application Number:	DA2023/0181
Proposed Development:	Construction of a mooring pen
Date:	23/03/2023
To:	Olivia Ramage
Land to be developed (Address):	Lot 110 DP 12749 , 7 Florence Terrace SCOTLAND ISLAND NSW 2105 Lot LIC 404399 , 7 Florence Terrace SCOTLAND ISLAND 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 was assessed in consideration of:

- Supplied plans and reports;
- Coastal Management Act 2016;
- State Environmental Planning Policy (Resilience and Hazards) 2021;
- Relevant LEP and DCP clauses; and
- Northern Beaches Council Water management for development policy.

Riparian

The site is within the Pittwater Estuary and as such the development must not significantly impact on the biophysical, hydrological or ecological integrity of Pittwater, or the quantity and quality of surface and ground water flows that it receives.

Sediment Management

Silt curtains, as prescribed in the Aquatic Ecology Report and the CEMP , must be installed prior to any disturbance of estuarine sediments and must be maintained over the course of the works.

CEMP and Caulerpa Management Plan

The CEMP must include methods to minimise any disturbance of *Caulerpa taxifolia* and the spread of Caulerpa fragments out of the work area during the project.

The proposal is therefore supported.

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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 prepared by H2O Consulting Group and must be kept in the site office.

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

The CEMP must also include a Caulerpa Management Plan, details can be found on NSW DPI Fisheries website.

The CEMP and site induction plan must be submitted to the Certifier 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

Sediment and erosion controls (in-stream works)

For in-stream works a Silt Curtain is to be installed, as per recommendation in the Aquatic Ecology Report prepared by H2O Consulting around the proposed site prior to any disturbance of soil in or beside the waterway.

Controls can be removed once in-stream work has been completed and banks have been appropriately stabilised.

Reason: Protection of the receiving environment.

Site inductions for Construction Environment Management Plan

The site Environmental Officer (or appropriate equivalent) must induct all staff prior to 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, especially Red-crowned Toadlet.
- (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.

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.