

## Natural Environment Referral Response - Riparian

<b>Application Number:</b>	DA2023/0083
<b>Proposed Development:</b>	Demolition works and construction of a dwelling house including swimming pool and boatshed
<b>Date:</b>	14/02/2023
<b>To:</b>	Thomas Prosser
<b>Land to be developed (Address):</b>	Lot 9 DP 17704 , 24 Cabarita Road AVALON BEACH NSW 2107 Lot LIC 396153 , 24 Cabarita Road AVALON BEACH NSW 2107

### 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 nearby to 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

Sediment and erosion controls must be installed prior to any disturbance of soil on site and maintained until all work is complete and groundcover re-established.

#### Ongoing stormwater management

Stormwater treatment measures must be maintained at all times in accordance with manufacturer's specifications.

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**

**Erosion and Sediment Control Plan**

An Erosion and Sediment Control Plan (ESCP) shall be prepared by an appropriately qualified person and implemented onsite prior to commencement. The ESCP must meet the requirements outlined in the Landcom publication Managing Urban Stormwater: Soils and Construction - Volume 1, 4th Edition (2004). The ESCP must include the following as a minimum:

- Site Boundaries and contours
- Approximate location of trees and other vegetation, showing items for removal or retention (consistent with any other plans attached to the application)
- Location of site access, proposed roads and other impervious areas (e.g. parking areas and site facilities)
- Existing and proposed drainage patterns with stormwater discharge points
- Locations and methods of all erosion and sediment controls that must include sediment fences, stabilised site access, materials and waste stockpiles locations, location of any stormwater pits on the site and how they are going to be protected.
- North point and scale.

Details demonstrating compliance are to be submitted to the Certifier for approval prior to the issue of the Construction Certificate.

Reason: Protection of the receiving environment.

**Water Quality Management**

The applicant must install a filtration device (such as a sediment control pit or absorption trench) that captures organic matter and coarse sediments prior to discharge of stormwater from the land. All stormwater treatment measures must make provision for convenient and safe regular inspection, periodic cleaning, and maintenance.

Details demonstrating compliance are to be submitted to the Certifier for approval prior to the issue of the Construction Certificate.

Reason: Protection of the receiving environment.

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

**Installation and Maintenance of Sediment and Erosion Controls**

Council proactively regulates construction sites for sediment management.

Sediment and erosion controls must be installed in accordance with Landcom's 'Managing Urban

Stormwater: Soils and Construction' (2004) and the Erosion and Sediment Control Plan prepared by a suitably qualified consultant prior to commencement of any other works on site.

Erosion and sediment controls are to be adequately maintained and monitored at all times, particularly after periods of rain, and shall remain in proper operation until all development activities have been completed and vegetation cover has been re-established across 70 percent of the site, and the remaining areas have been stabilised with ongoing measures such as jute mesh or matting.

Reason: Protection of the receiving environment.