

Natural Environment Referral Response - Riparian

Application Number:	DA2019/1400
To:	Nick Keeler
Land to be developed (Address):	Lot 52 DP 13620 , 977 Barrenjoey Road PALM BEACH NSW 2108 Lot 101 DP 509808 , 979 Barrenjoey Road PALM BEACH NSW 2108

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 under
Pittwater 21 DCP B5.8 Water Quality
Pittwater 21 DCP B8.2 Sediment and Erosion Control
SEPP Coastal Management 2018 - Coastal Environment Zone

The applicant proposes to use the existing drainage system on the property. While they intend to increase impervious area on the lot by more than 50sqm and this would normally require the installation of a sediment arrestor pit prior to discharging stormwater from the property, they have incorporated a roof garden, which will serve to improve the quality of stormwater runoff from the property. For this reason, a sediment arrestor pit is recommended but not required.

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

Referral Body Recommendation

Recommended for approval, subject to conditions

Recommended Natural Environment Conditions:

CONDITIONS TO BE SATISFIED PRIOR TO THE ISSUE OF THE CONSTRUCTION CERTIFICATE

Water Quality Management

The applicant must install the roof garden as specified in the Landscape Design by Wearesimpla dated December 2019, or a filtration device (such as a silt arrestor 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 Certifying Authority for approval prior to the issue of the Construction Certificate.

Reason: Protection of the Receiving Environment

CONDITIONS THAT MUST BE ADDRESSED PRIOR TO ANY COMMENCEMENT**Installation and Maintenance of Sediment and Erosion Control**

Sediment and erosion controls must be installed in accordance with Landcom's 'Managing Urban Stormwater: Soils and Construction' (2004).

Techniques used for erosion and sediment control on site 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 the site is sufficiently stabilised with vegetation.

Reason: To protect the surrounding environment from the effects of sedimentation and erosion from the site.

CONDITIONS WHICH MUST BE COMPLIED WITH PRIOR TO THE ISSUE OF THE OCCUPATION CERTIFICATE**Works as Executed Drawings - Stormwater Treatment Measures**

Works as Executed Drawings for the stormwater treatment measures must be prepared in accordance with Council's Guideline for Preparing Works as Executed Data for Council Stormwater Assets.

The drawings shall be submitted to the Principal Certifying Authority prior to the release of the Occupation Certificate.

Reason: Protection of the receiving environment

ON-GOING CONDITIONS THAT MUST BE COMPLIED WITH AT ALL TIMES**Maintenance of Stormwater Treatment Measures**

Stormwater treatment measures must be maintained at all times in accordance with manufacturer's specifications and as necessary to achieve the required stormwater quality targets for the development.

Northern Beaches Council reserves the right to enter the property and carry out appropriate maintenance of the device at the cost of the property owner.

Reason: Protection of the receiving environment