

## Natural Environment Referral Response - Riparian

<b>Application Number:</b>	DA2020/0361
<b>Date:</b>	27/04/2020
<b>To:</b>	Kelsey Wilkes
<b>Land to be developed (Address):</b>	Lot 6 DP 270907 , 79 Lorikeet Grove WARRIEWOOD NSW 2102

### 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 for compliance with the Water Management Report for the subdivision of 29-31 Warriewood Road, prepared by Civil Cert and dated 1/1/2018. The applicant's proposal for a swimming pool increases the impervious area of the lot, but overall the lot imperviousness remains within the 65 percent limit set by the water management of the subdivision. The excavation is not expected to intercept groundwater, as the geotech report has identified it will be placed within fill, however; a dewatering condition has been added that will apply to dewatering rain, tailwater or groundwater should it fill the excavation.

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 THAT MUST BE ADDRESSED PRIOR TO ANY COMMENCEMENT**

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

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 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.

The discharge of sediment-laden waters from the site may result in clean-up orders and/or fines under Council's Compliance and Enforcement Policy and legislation including Protection of the Environment Operations Act 1997 and Contaminated Lands Act 1997.

Reason: Protection of the receiving environment

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

### Dewatering Management

Where a one-off instance of dewatering of groundwater or tailwater is required during works, Council's Catchment Team must be notified of your intention to discharge. Notification must be via the Team's email address - [catchment@northernbeaches.nsw.gov.au](mailto:catchment@northernbeaches.nsw.gov.au).

Discharge must achieve the following water quality targets in addition to any conditions/documentation of this consent, Landcom's 'Managing Urban Stormwater: Soils and Construction' (2004) (Blue Book), Council's Compliance and Enforcement Policy and legislation including Protection of the Environment Operations Act 1997 and Contaminated Lands Act 1997.

Preliminary testing of groundwater/tailwater must be conducted by a NATA accredited laboratory to establish a correlation between NTU and TSS. This will allow the use of grab sampling at short notice prior to planned discharges.

Grab samples from at least three locations must be collected **within 1 hour of discharge** that comply with the parameters in the table below.

Parameter	Criterion	Method	Time Prior to Discharge
<b>Oil and grease</b>	No visible	Visual inspection	<1 hour
<b>pH</b>	6.5- 8.5	Probe/meter	<1 hour
<b>Total Suspended Solids (TSS)</b>	<50mg/L	Meter/grab sample measures as NTU	<1 hour

All records of approvals, water discharges and monitoring results are to be documented and kept on site. Records must include a diagram showing testing locations, and photos of the water to be discharged at the time of testing. Copies of all records shall be provided to the appropriate regulatory authority, including Council, upon request.

Tailwater must be discharged to the nearest stormwater pit in accordance with Council's Auspec1 Design Manual and must not spread over any road, footpath and the like. Discharge to the kerb and gutter will not be accepted. Where there is no stormwater pit within 100 metres of the site, Council's Catchment Team must be contacted to discuss alternative arrangements.

Reason: Protection of the receiving environment



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