

Environmental Health Referral Response - acid sulfate soils

Application Number:	DA2019/0354
Responsible Officer	Kye Miles
Land to be developed (Address):	Lot 1 DP 778031 , 712 A Barrenjoey Road AVALON BEACH NSW 2107

Reasons for referral

This application seeks consent for one or more of the following:

- All development in class 1 land
- Any works below ground surface or will lower water table in area class 2 land
- Any works beyond 1 metre or lower water table by 1 metre in class 3 land
- Any works beyond 2 metres or lower water table by 2 metres in class 4 land
- Works on land below 10 metres AHD and within 500m of class 1, 2, 3 or 4 land which are likely to lower water table below 1 metre

And as such, Council's Environmental Investigations officers are required to consider the likely impacts.

Officer comments

General Comments

The applicant has advised :

The subject site is identified under the Pittwater Local Environmental Plan maps as having class 2 acid sulphate soils partially present on the subject site.

The subject site has been examined by the applicants geotechnical engineers which have identified acid sulphate soils however the absence of any substantial earthworks will ensure that the proposal will not result in the generation of acid sulphate as a consequence of the works thereon.

The site is listed by Council as class 5 and 2 Acid Sulfate which would include :

Works below the natural ground surface Works by which the water table is likely to be lowered.

The Geotechnical Engineer believes in his report that Acid Sulfate soil will not be disturbed.

Recommendation

APPROVAL - subject to conditions

Recommended Environmental Investigations Conditions:

CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK

Acid Sulfate Soil Management

Any new information which comes to light during excavation or construction works which has the potential to alter previous conclusions about the uncovering of Acid Sulfate Soil must be notified to the

Certifier as soon as reasonably practicable. This will also require an Acid Sulfate Soil Management Plan, including disposal of affected soil to an approved facility, to be submitted to the certifier, before work continues.

Reason: To ensure potential Acid Sulfate Soil is appropriately managed