

Environmental Health Referral Response - acid sulfate soils

Application Number:	DA2020/0008
Responsible Officer	Claire Ryan
Land to be developed (Address):	Lot 27 DP 9151 , 3 Central 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

Acid Sulfate Soil Management Plan is to submitted to Council prior to a Construction Certificate being issued.

Reason:

Development is within a Class 4 and 5 Acid Sulfate soil and the information provided indicate excavation to 2 to 3 meters and deeper for the lift overrun; and with results provided in the report by JK Environments indicating some of the soil samples "identified acidic conditions greater than the active Criteria to triggers the need for a Acid Sulfate Soil Management Plan.

Recommendation

APPROVAL - subject to conditions

The proposal is therefore supported.

Note: Should you have any concerns with the referral comments above, please discuss these with the Responsible Officer.

Recommended Environmental Investigations Conditions:

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

Provide Acid Sulfate Soil Management Plan prior to construction certificate

An Acid Sulfate Soil Management Plan is to be prepared in accordance with the requirements of the "Acid Sulfate soil manual" and submitted to Council and the PCA prior to a Construction Certificate being issued.

Reason:

Development is within a Class 4 and 5 Acid Sulfate soil and the information provided indicate excavation to 2 to 3 meters and deeper for the lift overrun; and with results provided in the report by JK Environments indicating some of the soil samples "identified acidic conditions greater than the active Criteria to triggers the need for a Acid Sulfate Soil Management Plan.