

## Environmental Health Referral Response - acid sulfate soils

<b>Application Number:</b>	DA2021/1061
<b>Date:</b>	27/07/2021
<b>Responsible Officer</b>	Thomas Prosser
<b>Land to be developed (Address):</b>	Lot 280 DP 16719 , 3 Lido Avenue NORTH NARRABEEN NSW 2101

### 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

Environmental Health has reviewed the Preliminary Acid Sulphate Soils Assessment prepared by White Geotechnical Group dated 24 June 2021 Geotechnical Investigation prepared by White Geotechnical Group dated 1 July 2021. The water table was encountered at a depth of 1.4m. Excavation depth for development 1.8m. No potential or actual acid sulphate soils were encountered during the preliminary assessment. A condition will be applied warranting further investigation if acid sulphate soils are unexpectedly encountered during the works.

### 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 COMPLIED WITH DURING DEMOLITION AND BUILDING WORK**

### Acid Sulphate Soils Notification

Any new information revealed during excavation works that has the potential to alter previous conclusions about Acid Sulfate Soils shall be immediately notified to the Council and the Principal Certifying Authority prior to further commencement.

Reason: protection of the environment