

## Environmental Health Referral Response - acid sulfate soils

<b>Application Number:</b>	DA2021/1060
<b>Date:</b>	27/07/2021
<b>Responsible Officer</b>	Gareth David
<b>Land to be developed (Address):</b>	Lot 52 DP 16685 , 18 Grenfell 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 considered the Preliminary Acid Sulphate Soils Assessment prepared by White Geotechnical Group dated 30 June 2021 and the Geotechnical Investigation prepared by White Geotechnical Group dated 30 June 2021. The water table was encountered at an average depth of 1m. Excavation is proposed to a maximum depth of 1.7m. No acid sulphate soils were identified in the test holes. The pH levels tested in all auger holes did not fall lower than 6.9 above a pH of 4 indicating acid sulphate soils. No potential acid sulphate soils were identified in the test holes.

### 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 conclusions about Acid Sulphate Soils shall be immediately notified to the Council and the Principal Certifying Authority prior to further commencement.

Reason: Protection of the Environment