

Environmental Health Referral Response - acid sulfate soils

Application Number:	DA2022/0469
Date:	20/04/2022
Responsible Officer	Jordan Davies
Land to be developed (Address):	Lot 11 DP 1207743 , 1102 Barrenjoey Road PALM BEACH NSW 2108

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

Report from 1 Dec 2020 "E33618Blet" by the geotechnical consultant demonstrates a low likelihood of acid sulfate soils on the site. Limited borehole testing was done at the time due to obstruction from hard stands and other structures. Since then, the premises has been demolished, and all structures removed from site. In 2020, test pits/holes were dug in the south-east, south-west and north-western corners of what is proposed to be an underground carpark. Depth of investigations were done to and through sandstone, revealing the soil stratum which will be excavated.

Given the information available, Environmental Health concur with the conclusions of the report, that acid sulfate soils are low risk and no management plan is required for the proposed works.

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:

Nil.