

## Environmental Health Referral Response - acid sulfate soils

<b>Application Number:</b>	DA2020/1625
<b>Date:</b>	06/01/2021
<b>Responsible Officer</b>	Phil Lane
<b>Land to be developed (Address):</b>	Lot 140 DP 12749 , 23 Robertson Road SCOTLAND ISLAND NSW 2105 Lot LIC 539402 , 23 Robertson Road SCOTLAND ISLAND NSW 2105

### 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 have been requested to consider this proposal for " Construction of a Sea Wall" in relation to the potential presence of acid sulphate soils.

The subject site is classed as acid sulphate soils class 5 and is defined as:

"Works within 500 metres of adjacent Class 1, 2, 3 or 4 land that is below 5 metres Australian Height Datum and by which the watertable is likely to be lowered below 1 metre Australian Height Datum on adjacent Class 1, 2, 3 or 4 land."

The measurements in the provide plans indicate that no works below 5 metres Australian Height Datum are to be undertaken.

Accordingly, Environmental Health agree with the Statement of Effects which states "the water table is not likely to be lowered below 1 metres AHD".

Despite this, the development is to be conditioned appropriately should new information in relation to acid sulphate soils present itself 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**

**Requirement to notify about new Acid Sulfate Soils evidence**

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