

## Environmental Health Referral Response - acid sulfate soils

<b>Application Number:</b>	DA2021/2485
<b>Date:</b>	28/04/2022
<b>Responsible Officer</b>	Stephanie Gelder
<b>Land to be developed (Address):</b>	Lot 53 DP 9745 , 13 Monash Crescent CLONTARF NSW 2093

### 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

Applicant has amended the application to include a new seawall along with the previously proposed spa.

The premises is located in a Class 4 & 5 area for acid sulfate soils. Acid sulfate soils in a class 4 area are likely to be found beyond 2 metres below the natural ground surface. Any works in Class 4 that extend beyond 2 metres below the natural ground surface, or works that are likely to lower water table beyond 2 metres below the natural ground surface, trigger the requirement for an acid sulphate assessment and may require management.

Applicant has provided a Preliminary Acid Sulfate Soil Assessment for the Sea Wall by JK Environments dated 14 April 2022 (reference: E33691PHlet2-ASS). The report concludes that there is a low potential for Acid sulfate soil materials to be disturbed during the proposed development and that acid sulphate soils management is not necessary for the proposed development.

### Recommendation

Supported - 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.