

Environmental Health Referral Response - acid sulfate soils

Application Number:	DA2024/0392
Proposed Development:	Alterations and additions to a water recreation structure
Date:	23/04/2024
Responsible Officer	Megan Surtees
Land to be developed (Address):	Lot 301 DP 514985 , 41 Robertson Road SCOTLAND ISLAND NSW 2105 Lot LIC 509288 , 41 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

This application is seeking consent for the following:

- Removal of all existing fixed timber wave attenuators and associated piles,
- Removal of existing ramp, pontoons and stairs, and associated piles,
- Modification of by partial removal of existing timber jetty to connect to new timber ramp,
- Construction of new timber ramp (2.0 x 6.0 m) connecting existing timber jetty to new pontoon,
- Construction of new T-shaped pontoon (67.65 m²) with four new timber piles; and
- Construction of two new berthing areas (4.0 x 6.0 m each).

The Acid Sulfate Soils Preliminary Assessment states: *The development would not involve the removal of more than 1 tonne of soil and would not lower the water table. As there will be no removal of soil from the water and any disturbance will further be controlled in water, there will be minimal risk of any exposure of the soil to the air to trigger any oxidation process and any formation of sulfuric acid. The overall analysis returns a "low" risk level for any pollutants associated with ASS.*

Environmental Health considers the risk of Acid Sulfate Soils disturbance low given the type of works proposed and its location.

Environmental Health recommends 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 Certifier and a report be obtained from a suitably qualified person. Any recommendations provided by the report are to be complied with during works.

Reason: To protect the environment.