

Environmental Health Referral Response - acid sulfate soils

Application Number:	DA2019/0881
Responsible Officer	Rhiannon McLardy
Land to be developed (Address):	Lot E DP 404485 , 1742 Pittwater Road BAYVIEW NSW 2104 Lot 4 DP 455969 , 1742 Pittwater Road BAYVIEW NSW 2104

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

The applicant proposes a number of alterations / additions to the existing infrastructure. Of particular interest to Environmental Health's assessment are works occurring in Class 2 Acid Sulphate Soil -the construction of a new sea wall.

According to the *Acid Sulphate Soil Manual* New South Wales guideline, an assessment must be done and a management plan in place for dealing with and exposing Acid Sulphate Soils, Class 2, "*works below natural ground surface; and Works by which the watertable is likely to be lowered*" The applicant has provided an assessment of the soils to be excavated and no Acid Sulphate Soils were found to a depth of 0.4 m.

Environmental Health recommend approval.

Recommendation

APPROVAL - subject to conditions.

Recommended Environmental Investigations Conditions:

CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK

Notification of Acid Sulphate Soils

Any new information which comes to light during remediation, excavation or construction works which has the potential to alter previous conclusions about the exposure of Acid Sulfate Soil must be notified to the Certifier as soon as reasonably practicable. This will also require an Acid Sulfate Soil Management Plan, including disposal of affected soil to an approved facility, to be submitted to the certifier, before work continues.

Reason: To ensure potential Acid Sulfate Soil is appropriately managed.