Environmental Health Referral Response - acid sulfate soils

Application Number:	DA2018/1669

Responsible Officer	Benjamin Price
Land to be developed (Address):	Lot B DP 368451 , 21 Whistler Street MANLY NSW 2095

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 site is located within Class 4 Acid Sulfate designated lands.
A detailed report by Crozier Geotechniclal Consultants Project 2018-141 advises :
"The site investigation results indicate there is a low probability of intersecting Acid Sulfate Soils below the site within the depth of the proposed works, whilst the proposed works should have no impact on the water
table external to the site provided the recommendations of this report are implemented."

We have no objection to approval .

Recommendation

APPROVAL - subject to conditions

Recommended Environmental Investigations Conditions:

CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK

Acid Sulfate Management

In accordance with the NSW Acid Sulfate Soil Management Advisory Committee (ASSMAC) Acid Sulfate Soil Manual (ASSM) further assessment of Acid Sulfate shall be carried out during excavation stage and compliance with the recommendations as required by the report by Crozier Geotechnical Project 2018-141 to be undertaken.
Identification of Acid Sulfate Soil must be notified to the Principle Certifying Authority as soon as

reasonably practicable. Where Acid Sulfate soil is to be impacted an Acid Sulfate Soil Management Plan, including treatment or disposal of affected soil to an approved facility, is to be submitted to the Principle Certifying Authority, before work continues.

Reason: To ensure potential Acid Sulfate Soil is appropriately managed