

Environmental Health Referral Response - acid sulfate soils

Application Number:	DA2019/0339
Responsible Officer	Nick England
Land to be developed (Address):	Lot 262 DP 16719 , 42 Gondola Road NORTH NARRABEEN NSW 2101

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 notes:

Australian Geotechnical Pty Ltd has undertaken a Acid Sulfate Soils Assessment for the proposed residential development as requested by Rawson Homes Pty Ltd. Our site investigation included on site observation of the soil retrieved from the borehole sites and sampling of soil for field and laboratory testing. Upon completion of our investigation and laboratory analysis the following conclusions/discussions are made:

- From the above findings, it can be stated that potential or actual Acid Sulfate Soil is not present below surface level at the proposed excavation depth (approximate reduced level 4.085m) therefore an Acid Sulfate Management Plan is not required for the site based on the current scope of work/depth of excavation

Recommendation

APPROVAL - subject to conditions

Recommended Environmental Investigations Conditions:

CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK

Acid Sulfate Soil Management

Any new information which comes to light during excavation or construction works which has the potential to alter previous conclusions about the uncovering 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