

Environmental Health Referral Response - acid sulfate soils

Application Number:	DA2022/0457
Date:	06/04/2022
Responsible Officer	Thomas Burns
Land to be developed (Address):	Lot 54 DP 9745 , 15 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

Grout injection will be used to construct (subsurface) piles. We expect that any excavations (via drill auger during grout injection process) will uncover only minor amounts sand and silty sand, no acid sulfate soils and not lower the watertable. The construction of a seawall in this way is therefore low risk and does not require an Acid Sulfate Soils Management Plan in accordance with the *Acid Sulfate Soils Manual 1998* recommendations for Class 5 soils.

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:

Nil.