

## Environmental Health Referral Response - acid sulfate soils

<b>Application Number:</b>	DA2024/1701
<b>Proposed Development:</b>	Construction of a sewage reticulation system as ancillary development to the Warringah Mall Shopping Centre
<b>Date:</b>	17/03/2025
<b>Responsible Officer</b>	Kye Miles
<b>Land to be developed (Address):</b>	Lot 103 DP 1247294 , 145 Old Pittwater Road BROOKVALE NSW 2100

### 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 proposal is intended to be undertaken upon land classed as acid sulphate soils class 4.

The proposal is accompanied by an acid sulphate soils management plan formulated by a specialist consultancy which outlines the method in which acid sulphate soils shall be managed during the course of the development.

Environmental Health supports the proposal and recommends a number of conditions of consent.

### Recommendation

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

### **Acid Sulfate Soils**

All excavation, construction and associated works must be conducted in accordance with the approved Acid Sulfate Soil Management Plan by Douglas Partners Pty Ltd dated 15 October 2024 ref. no. 71015.55.

Reason: To ensure management of potential acid sulfate soils.

### **Site Contamination - Acid Sulfate Soils**

All stockpiles of potentially contaminated soil must be stored in a secure area in a way that is not likely to cause pollution or be a public health risk.

All contaminated soil removed from the site must be disposed of at a waste facility that can lawfully receive that waste and must be done in accordance with all relevant Acts, Regulations and Guidelines.

Copies of all test results and disposal dockets must be retained by whom? for at least 3 years and be made available to authorised Council officers on request.

Note: The following Acts and Guidelines applied at the time of determination:

- i) Protection of the Environment Operations Act 1997;
- ii) Environment Protection Authority, Waste Classification Guidelines (2014);
- iii) Water Quality Australia, National Acid Sulfate Soils Guidance (2018); and
- iv) Acid Sulfate Soil Advisory Committee, Acid Sulfate Soil Manual (1998).

Reason: To protect environment and public health.

## CONDITIONS WHICH MUST BE COMPLIED WITH PRIOR TO THE ISSUE OF THE OCCUPATION CERTIFICATE

### **Acid Sulfate Soil Management Confirmation**

Details demonstrating compliance with the approved Acid Sulfate Soil Management Plan by Douglas Partners Pty Ltd dated 15 October 2024 ref. no. 71015.55. is to be submitted to the satisfaction of the principle certifier prior to the issue of the occupation certificate.

Reason: To ensure management of potential acid sulfate soils.