

## Environmental Health Referral Response - acid sulfate soils

<b>Application Number:</b>	DA2019/1478
<b>Date:</b>	19/05/2020
<b>Responsible Officer</b>	Tony Collier
<b>Land to be developed (Address):</b>	Lot 1 DP 1005148 , 1 Narrabeen Park Parade 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 have been requested to provide comment on the development application. As part of this assessment the following matters were considered; Acid sulphate soils and Noise.

#### Acid Sulphate soil

Reference is made to the report "report on preliminary geotechnical investigation for proposed mixed use development at 1 – 3 Narrabeen Park Parade, North Narrabeen" dated December 2016 and referenced as 206-092.1. The report refers to demolition of existing property at 1-3 Narrabeen park parade and building a new structure with below ground carpark which was part of a previously refused development. This report is not referring to the current proposal of changing hours of operation and increased seating at 1 Narrabeen Park parade.

Despite this the geotechnical investigation was undertaken on the property mentioned in this development application and the site investigation found that "Potential Acid Sulphate Soils are not present within the marine sands encountered towards the front of the site whilst a water table was not intersected above the bedrock surface to 3.60m depth. Due to the clayey nature of the subsurface at the rear of the site, the presence of acid generating soils is highly improbable in this location." Based on this and no excavations being proposed for the development Environmental Health have no objections to acid sulphate soils on the above mentioned site.

Environmental Health recommend approval.

**Recommendation**

APPROVAL

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.