

## Environmental Health Referral Response - acid sulfate soils

<b>Application Number:</b>	DA2020/0661
<b>Date:</b>	07/07/2020
<b>Responsible Officer</b>	Phil Lane
<b>Land to be developed (Address):</b>	Lot 7356 DP 1167221 Crown Licence RI 569549 , 7356 / 1167221 Huston Parade NORTH CURL CURL NSW 2099

### 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 applicant advises:

As required by SEPP 55, a preliminary site investigation has been undertaken (refer to Appendix S)

The preliminary site investigation recommends that:

- An Acid Sulfate Soils Management Plan needs to be commissioned prior to commencement of excavation work. Details are available in the Acid Sulfate Soils report issued separately (Ref: CUAB-19-PASSA);
- If required, excavated soils can be re-used on-site subject to treatment and testing of the soils in accordance with an Acid Sulfate Soils Management Plan as per Recommendation 1 above;
- Should any evidence become apparent during site/earth works that asbestos or asbestos fragments (or other contaminants including hydrocarbon odours) are present in soils then appropriate actions should be undertaken in accordance with relevant guidelines and regulations;
- Any soils imported to the Site must be validated as suitable for Public Open Space land use; and
- On-site soils meet the contamination criteria for classification as General Solid Waste. All soils to be taken offsite must take into the presence of Potential Acid Sulfate Soils at the Site prior to being disposed of to a suitable landfill facility

### 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  
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Responsible Officer.

**Recommended Environmental Investigations Conditions:**

**CONDITIONS TO BE SATISFIED PRIOR TO THE ISSUE OF THE CONSTRUCTION  
CERTIFICATE**

**Prior to construction certificate - Acid Sulfate Management**

Prior to works commencing an Acid Management Plan as required by the Preliminary Assessment by Urbis Pty Ltd May 2020 shall be prepared to the satisfaction of the Certifying Authority.

Reason: To ensure Acid Sulfate Soil is properly managed.

**CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK**

**Acid Sulfate Soil**

The Acid Management Plan (as required by the Preliminary Assessment by Urbis Pty Ltd May 2020) shall be complied with during construction and records of disposal or treatment on site of Acid Sulfate Soil shall be supplied to the Certifying Authority.

Reason: To ensure the management of Acid Sulfate Soil and to protect the Environment.