

24 Acid Sulphate Refer Crozier Geotechnical report no. 2024-064

The site is also classified under Northern Beaches Council's Local Environmental Plan (LEP) 2012 as being within 'Class 5' Acid Sulphate Soils (ASS) hazard zones and is located within 500m of 'Class 3' and 'Class 2' land.

The soils intersected in the investigation did not exhibit any characteristics inherent to Acid Sulphate Soils. Additionally, the water table will not be intersected within the envelope of proposed works, therefore there will be no requirement for dewatering or tanking and hence no alterations of water table depths in adjacent properties and Acid Sulphate Soils hazard classes. Therefore, a detailed ASS management plan is not required for this proposed development.

(Source Crozier Geotechnical Report Date: 7th May 2024 Project No: 2024-064).

Below email copied from James Dee Crozier Engineer Acid Sulphate summary and no need for further reports or investigation on it.

Tue 14/05/2024 9:29 AM

"Within the report we outline the sites location within the ASS hazard zone and the relevant triggering criteria. We also outline the absence of acid sulphate presenting soils within the investigation range as well as the negligible effects on the surrounding water table. Therefore, as the works are unlikely to lower water table in adjacent hazard zones, there will be no requirement for further acid sulphate soils monitoring or reporting. This was confirmed within the geotechnical assessment section of the report and will typically suffice for council requirements. If they come back with other queries, then we can clarify issues for them".

Kind Regards,

James Dee

Engineer – Crozier Geotechnical