

The General Manager  
Northern Beaches Council  
Pittwater  
PO Box 82  
**MANLY NSW 1655**

**73 REDNAL STREET, MONA VALE**  
Acid Sulfate Soil

This letter is to address the requirement for Acid Sulfate Soils reporting to accompany a submission for Development Application with Northern Beaches Council – Pittwater, at the subject address.

The portion of the property related to the proposed development is situated at the rear of the subject property near the southern rear boundary at an approximate RL of between 9.5 – 5.5. The site is underlain by interbedded shales and sandstones of the Narrabeen Group geology. The shale and sandstone bedrock is overlain by thin sandy topsoils and clays to an approximate maximum depth of 1.0 to 2.0m, and confirmed by our sub surface testing onsite. These soil materials lack both the reducing environment and the iron content required to generate acid sulfate conditions. No fills or river sediments that can provide the required conditions for the formation of Acid Sulfate Soils are present on the site. Typically areas that might provide the necessary conditions for the generation of acid sulfate soil are found below approximately RL 5.0.

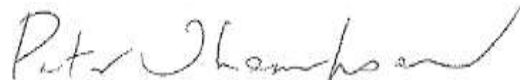
It is our opinion that there is no credible possibility that the subject site is affected by acid sulfate soils. No further reporting or testing is recommended.

Considering the results indicate the unlikely presence of actual Acid Sulfate Soils, and as the excavations required for the proposed alterations and additions are not lower than our testing, no further testing or risk management is considered necessary.

**HODGSON CONSULTING ENGINEERS PTY. LTD.**



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