

Monte Sant' Angelo Mercy College
c/- Bloopark Consulting Pty Ltd
Suite 2.04, 41 McLaren Street
NORTH SYDNEY NSW 2060

73019.03.R.003.Rev1
13 February 2020
MB:pc

Attention: Mr Peter Brogan

Dear Sirs

Advice on Acid Sulfate Soils
Monte Scientia Project
Monte Sant' Angelo Mercy College
128 Miller Street, North Sydney

The *North Sydney Local Environmental Plan 2013* does not have specific provisions for acid sulfate soils. Mapping undertaken by NSW Department of Land and Water Conservation in 1997 (Prospect / Parramatta River 1:25 000 Acid Sulfate Soil Risk Map) indicates that the site is within an area of "No known occurrence" of acid sulfate soil and is over 600 m from the closest area mapped as being potentially impacted. An extract from the Acid Sulfate Soil Risk Map overlain by 2 m surface contours is shown in Figure 1.



Figure 1: Extract from Acid Sulfate Soil Risk Map overlain by 2 m surface contours to AHD

Douglas Partners has undertaken extensive investigations at Monte Sant' Angelo Mercy College and can confirm that the geology on the site consists of residual clay soils overlying the Mittagong Formation

and Hawkesbury Sandstone. Quaternary-aged alluvium has not been encountered on the site, is not mapped as being located on the site and is not expected to be encountered on the site based on the topography. As such, acid sulfate-affected alluvium is not expected to be present on the development site.

On the basis of the information provided above, Douglas Partners confirms that development consent in relation to acid sulphate soils is not required and that an Acid Sulphate Soils Management Plan will not be required for the project.

Please contact the undersigned if you require any further information.

Yours faithfully,

Douglas Partners Pty Ltd



Matthew Bennett
Geotechnical Engineer

Reviewed by



Peter Oitmaa
Principal