

28/09/2018

Tim Williams
Project Leader
PMDL
7/124 Walker St,
North Sydney NSW 2060

Dear Tim

Re: Flood Risk Assessment Ss Peter and Paul Assyrian School – Independent Review

I have reviewed the draft masterplan for the proposed school development at Kosovich Place Cecil Park (2639 DA101-A-Masterplan 1_500 – 2018-08-30.pdf) and the Flood Management Assessment Report prepared by Martens Consulting Engineers (P1705798JR04V04) for the same development.

It is my opinion that the masterplan and the report demonstrate that:

- The minor amounts of cut and fill proposed will have not detrimental impacts on flood levels on neighbouring properties
- All buildings, car parks and access will be on land above the PMF and will not be directly or indirectly impacted by flooding
- Only the recreational areas of the school grounds will be within the low and medium flood risk precincts on the site and would meet the development standards set out in the Fairfield City DCP 2013.

Furthermore, the school will be occupied for less than 20% of the hours in any year (eight hours per day, five days per week, 40 weeks per year) so the probability of a flood occurring when the school is occupied would be one fifth the probability of the flood. For example the 5% average exceedance probability (AEP) flood (the 20 year average recurrence interval (ARI) flood) would have a 1% chance of occurring when the school is occupied.

When it is then considered that the recreational areas of the school are only normally used for a fraction of the school day and not at all during inclement weather, there is only an extremely remote probability that any students would be in areas which are flood prone when a flood occurs. This risk can be management by a simple flood emergency response plan for the school.

Yours faithfully

For Molino Stewart Pty Ltd



Steven Molino

Principal

Y:\Jobs\2017\0905 Saint Peter Paul Assyrian Primary School Environment Assessment\Reports\Draft\Draft\0905 Flood Risk Management Review Letter.docx