

Consulting Engineers

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30/09/21

Mari-Jane Elliott
8 Bates Ave
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Pool soil movement Statement

for 8 Bates Ave Allambie Heights

This is to confirm that we have reviewed the Flood Risk Management Report prepared by Horizon Engineers dated 24/6/21.

Based on the above report and by mapping the new pool coping RL options over the survey plan we confirm that the soil movements out of the flood plain would need to be as follows, so that there is no net loss of storage up to the 1% AEP level:

1. By setting the pool coping at RL23.60 = Soil movement out of the flood zone to be at least 8.8m³
2. By setting the pool coping at RL23.40 = Soil movement out of the flood zone to be at least 7.0m³
3. By setting the pool coping at RL23.20 = Soil movement out of the flood zone to be at least 2.5m³
4. For no soil movements the pool coping would need to be set at RL23.00

Based on the above options, we can confirm that providing the soil movement for the option chosen takes place, there will be no net loss of storage up to the 1% AEP level, as per condition 9.

Should you wish to discuss the above please contact me on the numbers attached.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'AS', is written over a faint, circular blue stamp.

Angelo Silvio MIEAust CPEng (NPER3) # 219037
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Tall Ideas Pty Ltd