



3 April 2012

Menangle Pastoral Co.

Attention: Ernest Dupre

Dear Ernest,

**MENANGLE VILLAGE
PROPOSED RESIDENTIAL DEVELOPMENT
FLOOD ASSESSMENT**

A residential subdivision is proposed by the Menangle Pastoral Company on Lot 201, DP581462 Menangle. The proposed development extends north of Station Street and east of Menangle Road to generally follow the 100 year ARI flood extent. However, there are minor incursions into the 100 year ARI flood area.

The 100 year flood flows in this area are confined to the main river by the railway embankment which is located immediately upstream of the subject lot. This embankment has a crest above the 100 year ARI flood level and hence confines the flood flows to the railway bridge crossing of the river. The 100 year ARI flood extends southwards about 700m from the main river channel on the subject lot and this obviously acts as flood storage rather than flow conveyance.

The minor loss of any flood storage caused by the proposed residential development would not have a significant impact on the flood levels or flood behaviour. Nonetheless, the soil extraction being undertaken by Menangle Pastoral Co. on the river edge on the subject lot would readily compensate for any loss of flood storage caused by the proposed residential development.

In summary, it is considered that the proposed residential development would not adversely impact on the flood behaviour of the Nepean River and the Nepean River flooding would not adversely impact of the proposed residential development.

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'm tooker', is written over a horizontal line.

MARK TOOKER

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