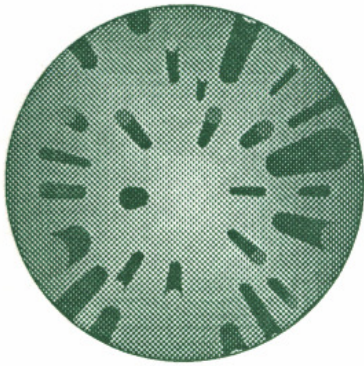




BLUE MOUNTAINS
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24th September 2015

Ref. No. 141108A

Mrs. K. Young
70 Ingleside Road
INGLESIDE NSW 2780

**RE: ON-SITE EFFLUENT MANAGEMENT AT 70 INGLESIDE ROAD,
INGLESIDE – DA No: N0005/15**

Dear Karen,

Further to our recent liaison and provision of the effluent management report from November 2011 (Ref. No. 141108) that was submitted to Council in relation to the proposed two bedrooms secondary dwelling at the above address, I am pleased to provide the following details.

It is understood that you now propose to utilise the existing aerated wastewater treatment system (AWTS) servicing the dwelling for the secondary dwelling when constructed instead of having separate treatment systems for each. Reference is made to the letter from Mr. G. Weynton which shows that the existing Taylex 'Clearwater 80 Compact' AWTS servicing the existing dwelling is rated at 6 bedrooms, 10 persons, or 2000L of effluent per day.

The maximum design effluent volume from the secondary dwelling is 600 litres/day for the two bedrooms and maximum of four persons. The existing dwelling has four bedrooms, which equates with allowance for a maximum of six full-time occupants from AS/NZS 1547 (2012). This results in a design effluent volume of 900 litres/day from the existing dwelling. Note that there are five persons residing in the existing dwelling and it is unlikely that four persons would ever occupy the proposed secondary dwelling.

Based on the details above, the maximum design effluent volume with allowance for ten full-time occupants and total of six bedrooms in both the existing dwelling and proposed secondary dwelling is 1500 litres/day. This conforms with the rating of the existing Taylex AWTS as noted in the letter from Mr. Weynton, whilst there will be a design surplus capacity of 500 litres/day based on the treatment capacity of 2000 litres/day.

Yours faithfully,

GRANT AUSTIN

Engineering Geologist

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