

Graham Judge

From: Allen Grimwood <zenithplan@bigpond.com>
Sent: Thursday, 9 March 2017 3:23 PM
To: Graham Judge
Cc: Grantley Ingram
Subject: Planning Proposal for Bombala weir
Attachments: Bombala River flood plans.pdf

Dear Graham

Grantley has asked me to respond to you regarding a few matters relating to the Planning Proposal to rezone land at Bombala to enable expansion of the impoundment of the Bombala River and to place an appropriate zone over the existing Coolumbooka weir.

Acquisition of private land

Council is not intending to acquire any private land affected by the rezoning as the actual impact on the land is likely to be minimal given the minor increase in water levels and topography. However, this would be subject to negotiation with landowners depending on the consequences of raising water levels. It is understood that if Council does resolve to acquire land at some point in the future then an amendment would need to be made to the Land Reservation Acquisition Map of Bombala LEP 2012.

Impact on flood levels

The impact of a weir up to 2m high had been modelled as one of the scenarios in the recent Bombala Floodplain Management Plan preparation. The analysis of flood behaviour indicated that there would be no impact on the 1:100 flood level as the waterway restriction feature was actually some 1 km further downstream. I've attached the plan for your consideration.

Water quality improvements

It is likely that an improvement to water quality will result from the use of the Bombala River water over the existing Coolumbooka weir source. This is largely due to the nature of the parent geology characteristics in the catchments. The Bombala catchment is largely granite-based which provides substantial areas of sandy river bed which aids natural filtration. The Coolumbooka River catchment contains peat swamps elevated in the catchment which impart high levels of colour, taste and odour into the water making chemical treatment necessary. With such treatment comes the associated cost and environmental impacts.

If you require any more information or clarification please call or email.

Regards,

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sustainable thinking