

Narissa Armstrong

From: Glenn Stevens
Sent: Friday, 18 November 2022 2:15 pm
To: Anna McKenzie
Subject: Plan Change 75 - Brightwater - G Stevens evidence

Qualifications/experience

My full name is Glenn John Stevens. I have a Bachelor of Science degree from University of Auckland and a Master of Applied Science (Hons) degree from Lincoln University. I have worked at Tasman District Council for over 20 years, holding the position of Resource Scientist since 2005 and Senior Resource Scientist (Natural Hazards) since 2019. Previous to that I have worked as a Resource Scientist at Taranaki Regional Council. For much of my time at Tasman District Council my duties have included providing information and technical expertise on natural hazards throughout the District and across a range of Council functions.

Plan Change 75 - Brightwater

Waka Kotahi

State Highway 6 in this vicinity is presently subject to flood hazard primarily from the Wai-iti River and Pitfure Stream, but also from the Jefferies Road catchment. The area to be re-zoned to residential is on the “downstream” side of SH6 and will not affect the “upstream” flood flows approaching SH6. Any development of the re-zoned area will need to allow for such flood flows to continue downstream without adverse effects. Development of the re-zoned area will require resource consent which will need to address the flood hazard, in particular it will need to ensure that floodwaters do not head up and impact SH6.

Garrick Batten

The flood hazard presented by the Pitfure Stream, the Jeffries Road catchment and runoff from the small catchment behind houses on Lord Rutherford Road South is recognised and has been accounted for in developing the proposed re-zoning. Whilst the entire development area is to be rezoned residential it does include an indicative reserve area adjacent to the Pitfure Stream channel and an indicative reserve across the centre of the site in a northwest/southeast direction. One of the purposes of these reserves is provide a “floodway” that is not encroached upon by houses. Residential development will require a resource consents (even with residential zoning). Such resource consents will need to address the flood hazard and ensure that there is sufficient capacity for flood flows along the Pitfure Stream and flood flows from southeast of Lord Rutherford Road South. A key point is that the reserve is indicative which entails some flexibility to the final boundaries of such a reserve. It may be necessary that additional land is needed for the provision of flood flows to ensure that the remaining and is suitable for residential development. This will be addressed through the resource consent process. Whilst rural land is more resilient to flood hazard than residential land, it is considered that the flood hazard at this location is able to be mitigated sufficiently to allow residential development across much, but not all, of the re-zoned area.

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