

Daniel Wood

From: Christopher Georgiades <cbg@spencerholmes.co.nz>
Sent: 24 February 2022 17:54
To: Ian Leary
Cc: Jed Spraggs; John Eyles
Subject: S210167 - SR 505203 - 292 Main Road, Tawa - SW Secondary Flow path
Attachments: S21-0167-T1A.pdf; SW Secondary FLOW path.JPG

Good Afternoon Ian,

I have conducted an analysis of the stormwater secondary flow path that the WCC GIS shows as passing through the site. Based on the survey plan (attached), my assessment concludes that the flood will not enter the site.

As noted on the WCC GIS, the flood depth is between 10-50mm. I believe this stormwater will run downhill via the kerb and channel as shown in the attached image. At the existing driveway entrance, the survey confirms there is a 6% fall back towards to the K+C with a minimum height difference of 120mm, which would contain the flood to the kerb and channel. Within the K+C, the water would be captured in the nearby sump and discharge to the stream. If this sump was to block, the overflow would continue down McLellan Street via the K+C, over the bridge and continue East along the road to be captured in sumps downstream of this development.

Feel free to let me know if you have any further questions.

Regards

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