

From:
To: [Flood Inquiry](#)
Subject: Submission of some observations
Date: Saturday, 16 April 2022 3:13:31 PM

We own acres at Swan Bay on the Richmond River floodplain. Our house overlooks the floodplain to the east, towards Woodburn. My observations may be useful to flood modellers.

1. Flow during both floods was in a SE direction past our place, towards New Italy
2. Flow across Readons Lane was West to East at around 2 knots but got up to 3 knots in some places and at some times.
3. As water levels dropped, flow dropped to around 1 knot at Readons Lane
4. When water dropped to less than 150mm at Reardons Lane, flow reversed to become East to West
5. At this time it flowed across Woodburn Coraki Rd at Skennars Flat towards the river
6. There is debris evidence that during the big flood water flowed East to West south of the Evans Head road
7. It would appear that during peak levels water flowed past the end of Eucalypt Drive in a SE direction, crossed the M1 north of New Italy and then crossed back again East of Woodburn where it also come under the influence of the Tuckombil Canal.

I am a civil engineer with nautical experience and made my observations mainly by kayak paddling to assist neighbours and by car when water levels allowed.

An important comment from a neighbour was that tops of coral trees prevented access to and from the river and that people could not describe where they were. This could be fixed by ensuring regular breaks in river bank trees with signs stating the location.