

Christchurch City Council CRC190445 comprehensive resource consent

Kathryn Snook of 900a Lower Styx Road written comment on the maps provided with the Applicants final right of reply and response of 26 April 2019.

Kia Ora

I would like to again thank the commissioners for giving the Styx Submitters the opportunity to comment on the maps provided.

Both ED & MPD maps supports residents' concerns about the inundation we see in Lower Styx Road near Earlham Street where there are residential properties. These are only models with inbuilt design errors. In addition it has recently been highlighted that the Lidar data used is outdated. Clearly the infill on the land at 930 Lower Styx Rd compared to lower lying 5 Earlham st is incorrectly reflected in these maps.

The CCC are claiming the effects of the MPD will be minimal as shown by these maps. As a resident I have tried to highlight my concern resulting from my real life experiences with the existing minimal storm events to date have resulted in alarming stormwater inundation. This has caused me to question the suitability of the Styx River **in its existing state** to be used in this CCC Consent to convey a significant amount of CHCH's new developments storm water.

This consent allows for the effects of the development to cause in a 'modelling scenario' a 120mm River level rise over and above whatever is the existing Styx river level. What's the use of maps and modelling when in the real life situation that 120mm rise causes residential properties to flood.

Section 6 CCC highlights one of the additional scenarios not captured in modelling when the Styx River tide gates have prolonged closure resulting in further ponding in this area. What will that look like in real life? What about the river banks in our area potentially lower than that used in the model causing water inundation on the residential side instead of the farming side?

The CCC are using maps that do not show the full effects of the MPD and I have concerns that this consent will have a detrimental impact on existing resident's properties and their health and safety. Despite the promise of SMP reviews and assessments of 'known flood hazards' what assurance do we have that the council will mitigate the effects of flooding in our area once the consent is granted.

Nga Mihi Nui