

Your Ref:
Our Ref: fA1205842

15 April 2020

Dear Sir/Madam

Rangitāiki Floodway

The purpose of this letter is to update you on progress for the above project and to seek feedback on the increased cost to complete Stage 6 of the project. Work on this project has been identified as one of the essential services that Regional Council is continuing at COVID-19 Alert Level 4.

Detail of the project objectives and what is being proposed for Stage 6 can be found on the project page on the Bay of Plenty Regional Council website:

www.boprc.govt.nz/rangitaikifloodway

Attached to this letter is a feedback form that we'd like you to fill out and return to the following email address. Alternatively, you can fill out an online feedback form [here](#). We would appreciate this **feedback by 5pm 3 May 2020** please.

Emailed responses to: Engineering@boprc.govt.nz

Online forms can be found at: www.boprc.govt.nz/rangitaikifloodway

In addition to the information provided in this letter, and on the web page, we have set up **two online consultation sessions**. These are scheduled for 10.00am and 3.00pm on Thursday 30 April 2020. To join in you will need to register and receive your login details (this is via a website so you won't need to download an app or sign up to anything). Please email us at Engineering@boprc.govt.nz for registration. You will receive an invite with your login details.

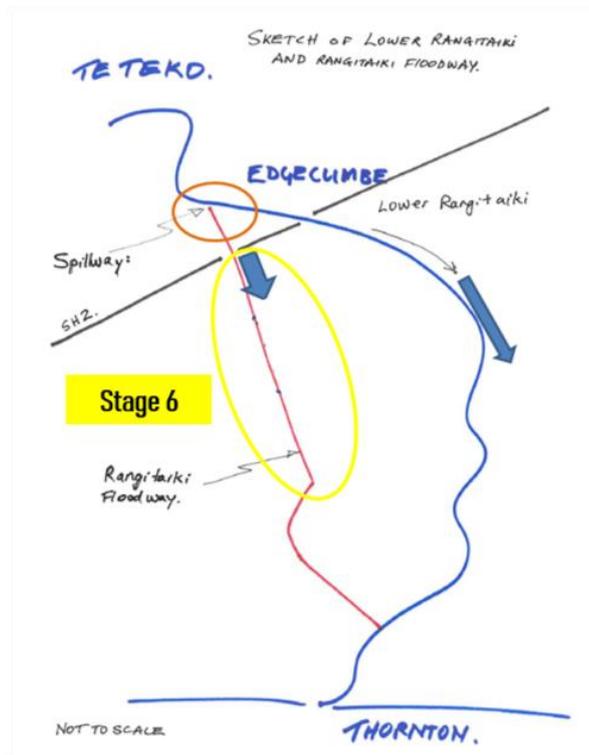
Ideally we would like to undertake this consultation in person as we have when we sought feedback on the Rangitāiki Floodway Spillway design. However, in these unprecedented times we have adopted this methodology as the best we can achieve in the circumstances. Your views are important to us and it is important for us to receive your individual feedback.

Background

The Rangitāiki Floodway upgrade was conceived as a result of the Edgecumbe Stopbank Breach of 2004. The breach caused an estimated \$35 million in damages and lost production.

In 2017 the Edgecumbe Stopbank breach caused upwards of \$90 million damage.

The Rangitāiki Floodway project is a multi-stage project designed to take pressure off the flood-prone Rangitāiki River. This is done by increasing the capacity of the floodway thereby reducing flood levels in the Rangitāiki River from upstream of Edgecumbe to the river mouth.



[Fig 1: Sketch showing location of Rangitāiki Floodway and Stage 6](#)

Rangitāiki Floodway Stage 6

Previously a ponding option downstream of Fonterra was being looked at to reduce the overall project costs. This option has now been abandoned. This is because detailed design showed that this option was in fact going to be a more expensive option and the benefits are not as great as originally assessed.

Consequently the stopbank raising option is now the preferred option. The detailed design also showed that for all options the scale of work required had been under represented in previous modelling results.

Due to the above, Stage 7 of the Rangitāiki Floodway was brought forward to be completed before Stage 6. The reason for this is that Stage 6 is a far more complex stage and more time was needed to complete the detailed design and geotechnical testing to inform the final design.

The final estimate for Stage 6 has now been produced and is shown in table 1 below:

Stage	LTP Cost Estimate (000)	Updated Estimate (000)	Difference (000)
6	\$ 2,428	\$ 10,915	\$ 8,487

[Table 1: Cost increase for Rangitāiki Floodway Stage 6](#)

It is acknowledged that this is a substantial increase and it is important to get your feedback on the cost increase for Stage 6.

Rangitāiki Floodway Spillway

During 2018 consultation was undertaken within the local community on options for the spillway design. The proposed option was for a lower fixed crest weir with contingency radial gates and was generally supported at the culmination of the consultation on 24th November 2018.

The option that had been prepared prior to this consultation taking place in the Long Term Plan (LTP) was for a lower fixed crest weir with no contingency allowance.

Table 2 below shows the increase in cost for the Spillway.

Stage	LTP Cost Estimate – Lower Fixed Crest Weir (000)	Lower Fixed Crest Weir with contingency gates (000)
Spillway	\$ 0.360	\$ 2,800

[Table 2: Rangitāiki Floodway Spillway Cost Comparison](#)

Given the increased cost in Stage 6 we felt it was important to re-confirm with the local community that the lower fixed crest weir with contingency gates was still the preferred option, see question 6 on the survey form.

Impact on Rates

Attached to this letter are some examples of different property types and the impact the above proposals will have on rates. Please review these before filling out the feedback form referenced near the top of this letter.

Crown Infrastructure Partners (CIP) Funding

Central Government has announced that it wants to help with economic recovery once we are out of the Covid 19 restrictions. We have put the Rangitāiki Floodway project up as a “spade ready” project that Central Government could help fund. If successful, the increased costs outlined in this letter could be offset by the CIP funding. We will not know the outcome from our application for some weeks, but will inform you of the outcome as soon as we hear.

Yours faithfully



Mark Townsend

Engineering Manager