



AUGUST 2021 UPDATE

Ngongotahā Flood Review Project

Tēnā koutou katoa

We are pleased to provide this August 2021 update on the work of Toi Moana – Bay of Plenty Regional Council and Rotorua Lakes Council which outlines work completed since our last update (December 2020) on the Ngongotahā Review Action Plan.

You may recall that the [Ngongotahā Review Action Plan](#) was developed in response to the recommendations of the Independent Panel Review Report following the Ngongotahā 2018 flood event.

We want to make sure that the community is kept up to date with progress on implementing that Action Plan, if you have any questions arising from this update please contact helen.creagh@boprc.govt.nz

The following update is grouped into clusters of work, which align to the Ngongotahā Review Action Plan. We have also provided a brief description of the work coming up.

Refer to our project webpage (<http://www.rotorua.lakescouncil.nz/floodreview>) for a copy of the review report, Ngongotaha Action Plan and 2020 End of Year report.

ROLES AND RESPONSIBILITIES (ACTIONS 1-4)

Work progressed or completed since December 2020:

- Ongoing implementation of inter-council operational policies, including Stream Maintenance Plan and Memorandum of Understanding.
- February 2021 – E-pānui and community update meeting held at Bowling Club.
- July 2021 Hapū representatives update hui.
- Funding secured under the Rotorua Lakes Council Long Term Plan 2021-2031 for investment into stormwater management.
- Update to Rotorua Lakes Council Infrastructure Plan completed and now being implemented.
- \$1.9 million funding secured in Regional Council Long Term Plan for preferred engineering option (see Action 8 below). This includes Crown and Council contributions.
- Funding allocated in Long Term Plans of both Councils for ongoing implementation of Stream Maintenance Plan.

Going forward:

- Ongoing implementation of inter-council operational policies, including Stream Maintenance Plan and Memorandum of Understanding.
- Public drop in days planned at Ngāti Tura Ngāti Te Ngakau office in Ngongotahā - following finalisation of design of floodway with affected landowners (see Action 8 below).
- Next Update Report January 2022.

STREAM WORKS



STREAM REPAIRS AND MAINTENANCE (ACTIONS 5-7)

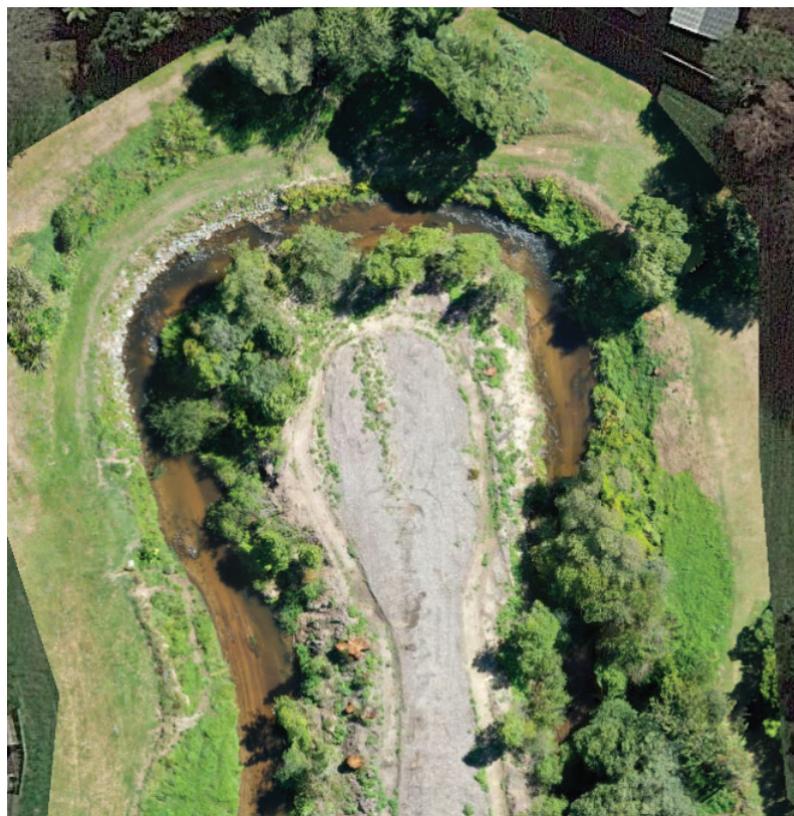
Work progressed or completed since December 2020:

- Maintenance of various spillways along the stream including: vegetation maintenance, reshaping, rock armouring, hydroseeding for re-stabilisation and maintenance of pest plants.
- Additional 300 tonne of rock brought in to replenish existing armouring along the stream.
- Flow improvements and vegetation management adjacent to 7 Western Road.
- Final erosion site from flood event remedied with 500 tonne of rock armouring, creation of maintenance bench and hydro-seeding.
- Gum removal on Peninsular near Streamdale Place.
- Removal of several windblown trees adjacent to stream.

Going forward:

- Continued clearance of vegetation, channel blockages, maintenance and stabilisation of river channel as required in accordance with Stream Maintenance Plan.
- Regional Council can work with individual landowners on a cost-share basis to undertake erosion protection works and removal of trees where necessary upstream of SH5 bridge.

STREAM MAINTENANCE WORKS BEFORE AND AFTER





STREAM MAINTENANCE WORKS BEFORE AND AFTER

ENGINEERING, MODELLING AND OPTIONS (ACTIONS 8-9)

Work progressed or completed since December 2020:

- The preferred engineering option has been determined as an overflow channel to the south of the stream combined with stopbanks, high flow bypasses, and raising part of Western Road.

Update on the design/implementation of the preferred engineering option:

- Regional Council has completed hydraulic modelling to inform the design of the preferred option and suggests a larger overflow channel is required than initially expected, approximately 40m wide and varying 2-4m deep.
- Proposed stopbanks and some bypasses are within Council reserve. Stopbanks are very close to other legal boundaries/private property.
- The proposed overflow channel and remaining bypasses affect two private landowners.
- Regional Council are in negotiations with the two private landowners affected by the proposed overflow channel. The design of the channel needs to accommodate their needs and legal agreements will be required to designate or acquire the land.
- Hapū/iwi representatives have been briefed on the preferred option and an archaeological assessment is being arranged.
- A mail drop was sent in March to only

those residents immediately adjacent to proposed stopbank locations. This mail drop served as a heads up to directly affected residents, it included a map of the proposed stopbank locations and invited residents to a site walkover which will occur once the overflow channel alignment is confirmed with the two affected landowners as the location of stopbanks will be affected by this.

- Design to raise part of Western Road is underway by Rotorua Lakes Council.

Going forward:

- Discussions to continue with the two private landowners affected by the proposed overflow channel. The timeframe for construction will depend on those discussions.
- Undertake archaeological assessment and prepare and lodge resource consent applications for preferred engineering option.
- Detailed design of overflow channel.
- Regional Council staff will shortly contact some property owners in the lower reaches of the Ngongotaha Stream with a request to survey floor levels of dwellings in order to check the level of protection those dwellings have in the 100 year design event, including climate change predictions. If you are one of the dwelling owners contacted - we ask that you co-operate with the survey request to help ensure that your dwelling can receive the right level of protection.

CIVIL DEFENCE AND READINESS (ACTIONS 10-12)

Work progressed or completed since December 2020:

- A Ngongotahā Community Emergency Response Plan has been identified as being desired by the Ngongotahā community.
- A community working group is in the process of being established to inform the development of this plan.
- Inter-agency evacuation plan has been completed.
- 200 emergency packs were hand delivered to the Ngongotahā community in 2018. In June 2021, a follow up visit occurred with these residents to discuss with the recipients how these were implemented. This identified a low uptake in use and implementation by the community.

Going forward

- The Rotorua Lakes Council Civil Defence and Emergency Team will continue to work with the Ngongotahā Community in the establishment of a community working group and development of a Community Emergency Response Plan.

RESOURCE MANAGEMENT ACT PLANNING AND CONSENTS (ACTIONS 13-18)

Work progressed or completed since December 2020:

Continued implementation of processes established in 2019, i.e:

- Regional Council review of subdivision consent applications to Rotorua Lakes Council continues
- Continued use of Waikato Regional Infrastructure Technical Specification (RITS)

- Review work to inform District Plan Change underway.

Going forward:

- Continued implementation of processes established in 2019.
- District Plan Change notified in 2022.



UPPER CATCHMENT CONSIDERATIONS (ACTIONS 6, 10 and 19)

Work progressed or completed since December 2020:

- To 30 June 2021, 10 Detainment Bunds have been constructed across three properties in the Upper Catchment; 7 in the Umurua Catchment on the Mamaku Plateau and 3 in the Paradise Valley.

Going forward:

- Construction of further bunds is planned during 2021-22.
- Further tree clearance work is being planned in the Upper Catchment. Timing of this work will be weather and ground conditions dependent.

Central government support

The Regional Council has successfully won support from the Crown Infrastructure Partners fund and from the Ministry of Business, Innovation and Employment's COVID-19 recovery fund to contribute to the costs of the engineering solutions and upper catchment tree removal.



For more information, including links to the Ngongotahā Action Plan and Community Reference Group documents, visit:
www.rotorualakescouncil.nz/floodreview