

What's happening in the Lower Utuhina Catchment, Mangakakahi Stream?

The Utuhina Catchment is a dynamic area with a diverse land use contributing to the main stream of Te Utuhina which feeds into Lake Rotorua.

The Mangakakahi stream is one of the largest tributaries of the Utuhina. The wider catchment already has several stream improvement and flooding management projects that have been carried out throughout many years with significant success.

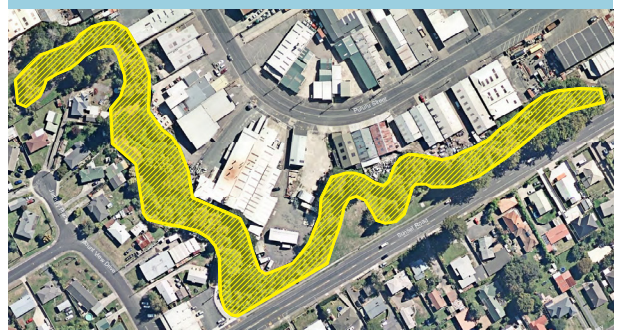
Flood management erosion works have been completed along the Mangakakahi, at the Linton Park site. The mahi in the area between Linton Park and Pururu Street pedestrian bridge was completed in response to ongoing flooding concerns in the adjoining industrial area.

Upcoming stream improvements to the section of stream behind Pururu Street will also be required. The objective of the project is to develop the Mangakakahi stream and associated reserve into a site which will cope with a 100 year flood event and also reduce the current erosion issues presenting on the northern side.

This project site is limited to a 350m stretch of the Mangakakahi Stream (*see Figure 1*).

Some of the works that will be undertaken in late summer 2022 include;

Figure 1: Sunset Road reserve with project site identified.  Proposed Stream Works



- Removing key tree branches/trees for digger access.
- Mulch as much material as possible on the riparian margin. This will also help with plant establishment.
- Retain most large trees and limb to above anticipated 100 year flood level. This will help retain shade on the stream which aids fish and other aquatic habitat.



Some work still has to be developed and planned and we would love your input on it. The aim is to implement a planting plan in suitable areas along the stream with appropriate, eco-sourced indigenous plants. This will enhance the natural environment, improve bank stability, limit the future re-establishment of pest plants and minimise the need for stream improvement work in the future.

We would love to hear from any local, native nurseries about plant supply. This work will ideally be carried out in Spring 2022.

Aspirations for the remaining part of the Mangakakahi Stream?

We recognise that there are other sections of the Mangakakahi Stream that need improvements however, the current focus is this area of the stream. Any further improvements and enhancements will be considered in the future.

The images above provide a snapshot of the site and extent of the pest plant issue.

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