

37 Mangauika catchment

Use these insights to develop a farm environment plan that reduces impacts on fresh water and protects what matters in your catchment. For more details or support, call 0800 800 401 or visit waikatoregion.govt.nz/farm-environment-planning.

Prioritise these actions in your farm plan to improve water quality:

- Keep stock away from waterbodies.
- Protect existing native forest through pest management.
- Stabilise stream banks and provide habitat through planting.

Actions to include in a farm environment plan

Farm menus

Steep and rolling land make up 95 per cent of the Mangauika catchment. The catchment is home to a range of natural and community features, with over 80 per cent of the catchment covered in native forest including Pirongia Forest Park. These features provide recreational opportunities and support community wellbeing.

The catchment and its surrounding environments hold deep cultural and spiritual significance for Waikato-Tainui and Maniapoto, the primary iwi for this rohe (region). Waikato-Tainui and Maniapoto regard their coastal areas, rivers, lakes and streams as living ancestors whose mauri (life force) and mana (authority) must be actively protected and restored. Hapū and marae act as kaitiaki (guardians) at a local level to preserve and sustain the waterbodies and taonga (treasured) species for future generations.

While the catchment is shaped by past and present land use, it continues to provide important ecological, recreational, community and cultural values. Protecting and enhancing the health of its waterways is therefore essential for both people and the environment.

Taonga (treasured) species found in the Mangauika catchment











Consider your farm's location in the catchment

The table shows how landform and soil characteristics shape primary risks and contaminant losses specific to the Mangauika catchment.

Landform	Main soils + properties	Primary risks	Primary contaminant loss
Flat to undulating land (0-7 degrees) 5% of catchment	**Allophanic:** Well drained clay.	Moderate to severe sheet and rill erosion when cultivated. Moderate nitrogen loss.	Sediment Nitrogen
Rolling land (8-20 degrees) 23% of catchment	**Allophanic:** Well drained clay.	Slight to moderate sheet, slip and gully erosion.	*E. coli* Sediment
Steep land (>20 degrees) 72% of catchment	**Recent:** Well drained loam.	Moderate to severe sheet and slip erosion.	*E. coli* Sediment

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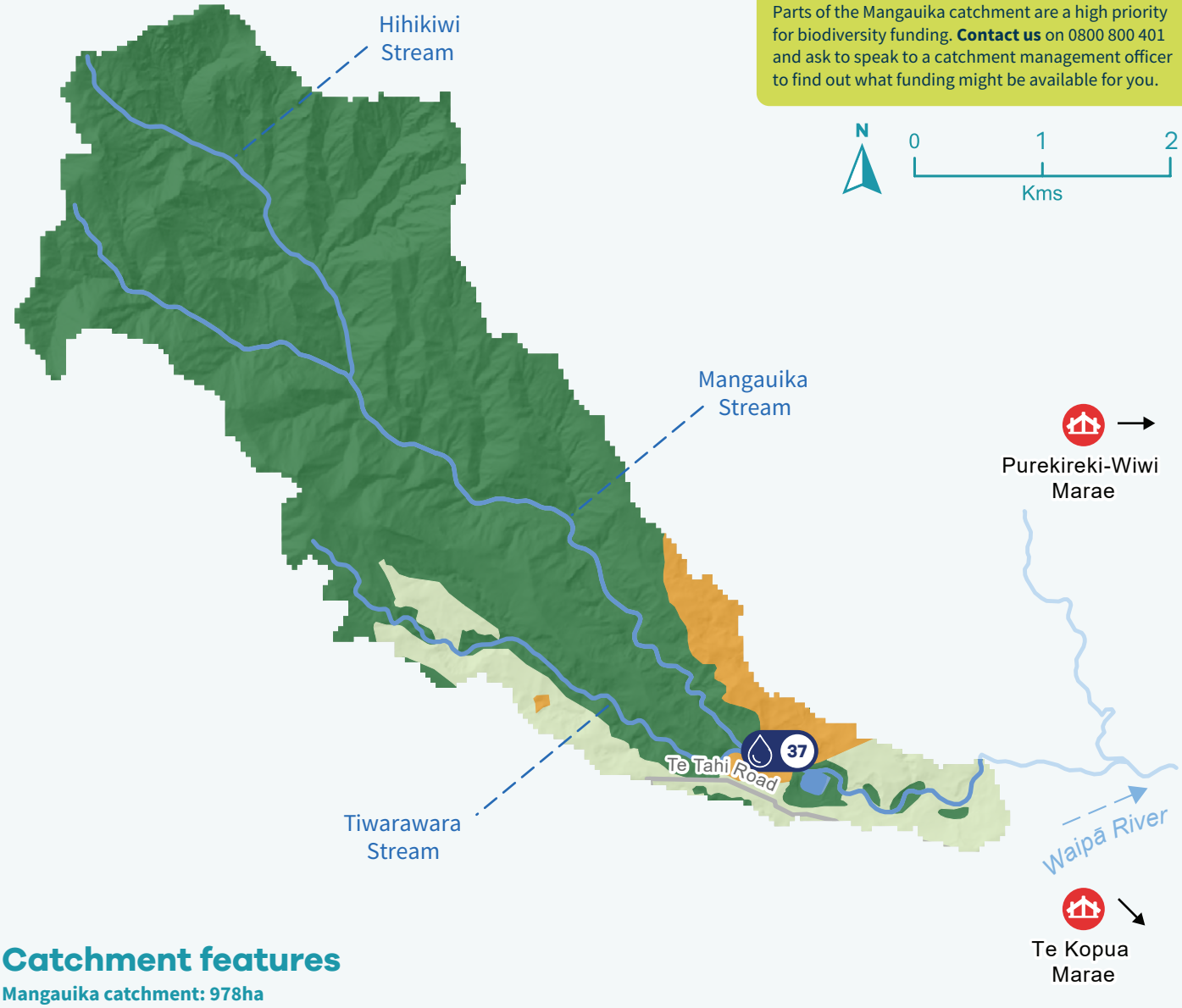
Parts of the Mangauika catchment are a high priority for biodiversity funding. **Contact us** on 0800 800 401 and ask to speak to a catchment management officer to find out what funding might be available for you.



Catchment features

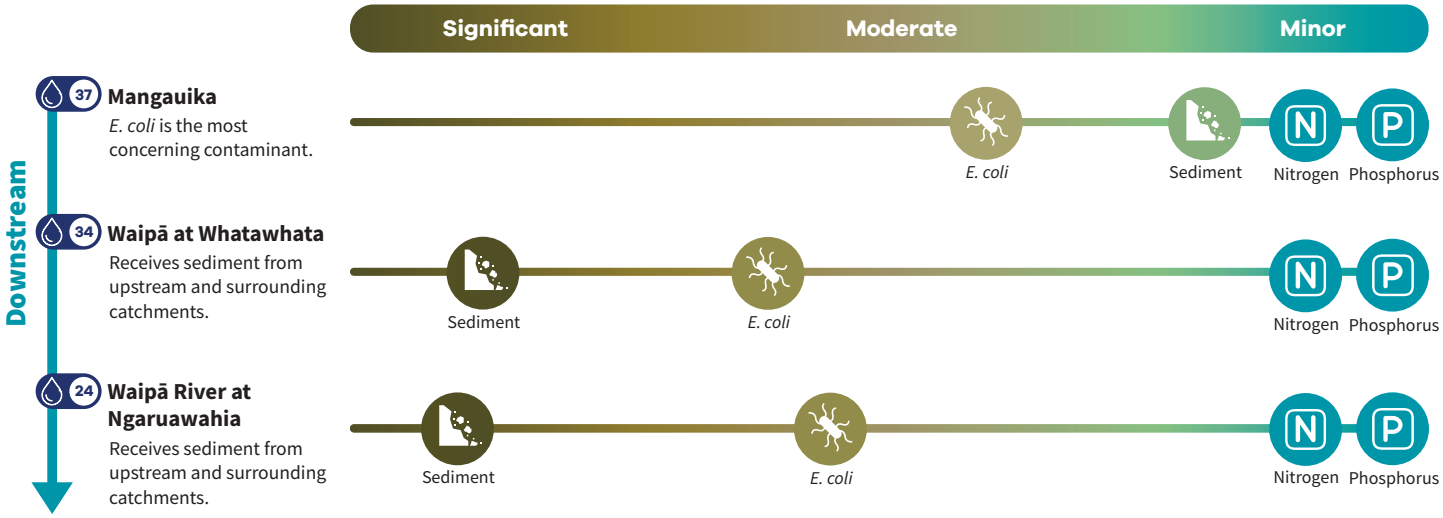
Mangauika catchment: 978ha

- Exotic forest (5%)
- Native forest (85%)
- Pasture (10%)
- Urban areas
- Roads
- Rivers and streams
- Marae
- Water quality monitoring point

The national land cover database (LCDB, version 6) was used to define land cover in this catchment.

Water quality improvement for the four contaminants

This diagram shows the level of collective effort needed to positively impact water quality in the Mangauika catchment and further downstream. Focus on best practices within your farm and catchment, while keeping your downstream neighbours in mind.



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