

### Mapiu-Mapara - Water Quality Summary 2023

Water samples were collected from 6 stream sites across the Mapiu-Mapara catchment. Monitoring sites were located on Mapara stream, Mangaiti stream, Mapiu stream, Waewaepitau stream and Puputaha stream. The below water quality dial summarises 22 individual samples collected across 6 sites, between January 2023 and December 2023.

Water clarity was poor, indicated elevated levels of suspended sediment, which impacts aquatic life. *E. coli* was elevated which poses a risk to human health when swimming or through contacting water. Nitrogen and dissolved reactive phosphorus (DRP) were very low, which supports river health. Water clarity and *E. coli* did not meet national water quality standards, while nitrogen and dissolved reactive phosphorus did meet national standards.

Arrows indicate an increase or decrease in values compared to the baseline. The baseline was calculated from 5 years of data collected by Waikato Regional Council at 5 sites, between 2015 and 2019. An increase in water clarity is positive for river health, while an increase in all other attributes may impair river health.

## Mapiu-Mapara 2023 (22 samples, 6 sites)

