

### Marokopa River - Water Quality Summary 2023

Water samples were collected from 6 stream or river sites across the Marokopa catchment in 2023. The sites are located on Mangaohuinga stream, Wairoa stream, Puaroa stream, Kiritehere stream (all sampled quarterly), and Tawarau river and Marokopa river (both sampled monthly).

The below water quality dial for Marokopa represents 38 individual samples and summarises the monitoring results from these 6 locations collected between January 2023 – December 2023.

*E. coli* and suspended sediment were elevated and did not meet human health (for swimming) or ecological health standards. Dissolved reactive phosphorus was also slightly elevated, which may impact ecological health. Nitrogen was low and is unlikely to impact ecosystem health.

Arrows indicate an increase or decrease in values compared to the baseline for Marokopa River. The baseline was calculated from 5 years of data collected at the Tawarau and Marokopa river monitoring sites, between 2016 – 2020. An increase in water clarity is positive for river health, while an increase in all other attributes may impair river health.

## Marokopa 2023 (38 samples, 6 sites)

