

Upper Mokau-Mangapehi - Water Quality Summary 2023

Water samples were collected from 5 stream and river sites across the Upper Mokau-Mangapehi catchment. Monitoring sites were located on Paritikona stream, Mangapehi River and the Mokau River. The below water quality dial summarises 22 individual samples collected across 5 sites, between January 2023 and December 2023.

Water clarity was poor, indicated elevated levels of suspended sediment, which impacts aquatic life. *E. coli* and dissolved reactive phosphorus (DRP) were low and nitrogen was very low, which supports human health (*E. coli*) and river health (nutrients). Water clarity did not meet national water quality standards, while all other attributes 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.

Upper Mokau-Mangapehi 2023 (22 samples, 5 sites)

