

Benchmarking of E. coli in Ruamāhanga Rivers - to date of NPS-FM gazette, to PNRP notification and to current state

For 24.10.2017 RWC Committee workshop

* indicates result from RWC Collaborative Modelling Project. Otherwise source of all results is GWRC RSoE monitoring data

[Source: RMIMPL-1469619109-74](#)

NB. Cross hatching means no results for that site as not part of monitoring programme over the relevant period

River and site name	Benchmark of state using NPS-FM 2017 NOF attribute states		
	To July 2011	To July 2015	To July 2017
Waiohine River at Gorge	A	A	A
Tauherenikau River at Websters	A	A	A
Waingawa River at South Rd	A	A	A
Waiohine River at Bicknells	B	A	A
Ruamāhanga at Waihenga			A
Makahakaha Stream			A*
Waiorongomai River at Forest Park	A		
Totara Stream at Stronvar	A		
Tauanui River at Whakatomotomo Rd	A		
Ruamāhanga River at McLays	A	A	
Parkvale tributary at Lowes Reserve	A	A	
Waipoua River at Colombo Rd Bridge		C	B
Huanguarua River at Ponatahi Bridge	D	D	B
Ruamāhanga River at Pukio	D	D	B
Turanganui River			B*
Ruamāhanga at US of Lake Wai outlet			B*
Taueru River at Gladstone	D	D	C
Ruamāhanga at Wardells			C*
Taueru River at Castlehill	C		
Enaki Stream D/S site for Riparian			C
Mangatarere River at State Highway 2	D	D	D
Ruamāhanga River at Gladstone Bridge	D	D	D
Tauanui River at mouth			D*
Otukura Stream			D*
Ruamāhanga River at Te Ore Ore	D	D	D
Kopuaranga River at Stuarts		D	D
Whangaehu River at 250m from Confluence	E	E	D
Parkvale Stream at Renalls Weir	E	E	E

NPS-FM 2017 National Objectives Framework attributes for E. coli

NOF attribute state	Narrative attribute state	
A	For at least half the time, the estimated risk of Campylobacter infection is <1 in 1000 (0.1% risk). The predicted average risk is 1%	Suitable for primary contact
B	For at least half the time, the estimated risk of Campylobacter infection is <1 in 1000 (0.1% risk). The predicted average risk is 2%	
C	For at least half the time, the estimated risk of Campylobacter infection is <1 in 1000 (0.1% risk). The predicted average risk is 3%	
D	20-30% of the time the estimated risk of Campylobacter infection is ≥50 in 1000 (>5% risk). The predicted average risk is >3%	Not suitable for primary contact
E	For more than 30% of the time the estimated risk of Campylobacter infection is ≥50 in 1000 (>5% risk). The predicted average risk is 7%	