

**Summary of draft Ruamāhanga whitua freshwater objectives - for Committee review 04.12.2017**

Summarises current state and draft objectives from Oct-Nov 2017 workshops

\* indicates where current state is based on modelled information or expert best-gues, otherwise all current state analyses based on monitoring data

RIVERS	NOF attributes								Non-NOF attributes		FMU group
	E.coli	E.coli	Periphyton	Periphyton	Ammonia toxicity	Ammonia toxicity	Nitrate toxicity	Nitrate toxicity	MCI	MCI	
	Now	Objective	Now	Objective	Now	Objective	Now	Objective	Now	Objective	
Tauanui River	D*	A	C/D*	B	A*	A	A*	A	Fair*	Good	Aorangi rivers
Turanganui River	B*	B	C/D*	B	A*	A	A*	A	Fair*	Good	Aorangi rivers
Taueru River	C	C	D*	C	A	A	B	A	Good	Good	Eastern hill rivers
Makahakaha Stream	A*	B	?	C <sup>1</sup>	A*	A	B*	B (top of band)	Fair*	Fair	Eastern hill rivers
Huangularua River	B	B	C	B	A	A	A	A	Fair	Good	Eastern hill rivers
Eastern hill streams <sup>1</sup>	?	B	?	B	?	A	?	A	?	Fair	Eastern hill streams group
Ruamāhanga - Wardells	C*	B	B*	B by 2030, A by 2040	B*	A	A*	A	Fair*	Good	Main stem Ruamāhanga River
Ruamāhanga - Gladstone Bridge	D	C	B	B by 2030, A by 2040	B	A	A	A	Fair*	Good	Main stem Ruamāhanga River
Ruamāhanga - Waihenga	A	A	B	B by 2030, A by 2040	B*	A	A*	A	Fair*	Good	Main stem Ruamāhanga River
Ruamāhanga - Pukio	B	B	B*	B by 2030, A by 2040	A	A	A	A	Good	Good	Main stem Ruamāhanga River
Ruamāhanga - upstream of Lake Wai <sup>2</sup>	B*	B	?	B by 2030, A by 2040	A*	A	A*	A	Fair*	Good	Main stem Ruamāhanga River
Kopuaranga River	D	C	D	C	A	A	A	A	Fair	Good	Northern rivers
Whangaehu River <sup>3</sup>	D	C	?	C	A	A	A	A	Fair*	Good	Northern rivers
Parkvale Stream	E	C	B	B	B	B	B	B (top of band)	Fair*	Good	Valley floor streams group
Otukura Stream <sup>4</sup>	D*	C	?	B	B*	B	B*	B	?	Fair	Valley floor streams group
Valley floor streams <sup>4</sup>	?	C	?	B	?	B	?	B	?	Fair	Valley floor streams group
Upper Ruamāhanga River	D	C	A	A	A	A	A	A	Fair	Good	Western hill rivers
Waipoua River	B	A	B*	A	A	A	B	B (top of band)	Fair	Good	Western hill rivers
Waingawa River	A	A	A	A	A	A	A	A	Good	Good	Western hill rivers
Mangatarere Stream	D	B	C	B by 2030, A by 2040	B	B	B	B	Fair	Good by 2040, excellent by 2080	Western hill rivers
Waiohine River	A	A	A	A	A	A	A	A	Fair	Good	Western hill rivers
Tauherenikau River	A	A	A*	A	A	A	A	A	Fair	Good	Western hill rivers
Western lake streams <sup>5</sup>	?	A	?	A	?	A	?	A	?	Good	Western hill rivers
South coast streams <sup>6</sup>	?	A	?	A	?	A	?	A	?	Fair	South coast streams group

Where there is an absence of modelling or monitoring data to the establish current state, objectives have been established by comparing the FMU with water bodies in the same or similar FMU group as indicated by the footnote number

<sup>1</sup> From Eastern hill rivers characteristics

<sup>2</sup> From other Main stem Ruamāhanga river characteristics

<sup>3</sup> From Kopuaranga River characteristics

<sup>4</sup> From Parkvale Stream and/or Otukura Stream characteristics

<sup>5</sup> From other Western Hill rivers characteristics

<sup>6</sup> From Western Hill rivers characteristics