Appendix 3: Insufficient data summary table

Part-FMU	Insufficient data[1]	PC1 TAS / NBL	Conclusions/suggested approach for TAS with insufficient data
Ōrongorongo, Te Awa Kairangi and Wainuiomata small forested and Te Awa Kairangi forested mainstems	Periphyton biomass	A / C	Science team to confirm A setting is an appropriate setting here (I note this is a largely forested part-FMU)
	Dissolved oxygen	A / C	Recommend deleting because no plan to monitor dissolved oxygen here
	Fish IBI	A	Science team to advise if monitoring is proposed and if so, provide advice to inform the appropriateness of this TAS setting
	Copper and zinc	A	Recommend deleting because no plan to monitor forested sites
Te Awa Kairangi lower mainstem	Fish IBI	A	Science team to advise if monitoring is proposed and if so, provide advice to inform the appropriateness of this TAS setting
	Dissolved oxygen	A / C	Recommend deleting because no plan to monitor dissolved oxygen here
Te Awa Kairangi rural streams and rural mainstems	Fish IBI	A	Science team to advise if monitoring is proposed and if so, provide advice to inform the appropriateness of this TAS setting
	Dissolved oxygen	A / C	Recommend deleting because no plan to monitor here
	Copper and zinc	A	Recommend deleting because no plan to monitor rural sites
Te Awa Kairangi urban streams	Periphyton biomass	C / C	Not monitored but cover suggests high - to be monitored in 2025/26; TAS setting is appropriate as set at NBL
	Dissolved oxygen	A / C	Science team provide advice to inform the appropriateness of this TAS setting at the hearing because set more stringently than NBLs and no baseline to understand its impact or achievability
Waiwhetū Stream	Periphyton biomass	C (but recommendation for B in s42A) / C	Recommend deleting TAS because soft bottomed where periphyton biomass risk is low
	Fish IBI	A	Science team to advise if monitoring is proposed and if so, provide advice to inform the appropriateness of this TAS setting
	Dissolved oxygen	A / C	Science team provide advice to inform the appropriateness of this TAS setting at the hearing because set more stringently than NBLs and no baseline to understand its impact or achievability

[1] Excludes Fish IBI where TAS has been set as 'M', as TAS requires maintenance of existing state only, therefore this is expected to be achievable

Part-FMU	Insufficient data[1]	PC1 TAS / NBL	Conclusions/suggested approach for TAS with insufficient data
Wainuiomata urban streams	Periphyton biomass	C / C	Not monitored but cover suggests high - to be monitored in 2025/26; TAS setting is appropriate as set at NBL
	Dissolved oxygen	A / C	Science team provide advice to inform the appropriateness of this TAS setting at the hearing because set more stringently than NBLs and no baseline to understand its impact or achievability
Wainuiomata rural streams	Fish IBI	A	Science team to advise if monitoring is proposed and if so, provide advice to inform the appropriateness of this TAS setting
	Dissolved oxygen	A / C	Recommend deleting because no plan to monitor dissolved oxygen here
	Copper and zinc	A	Recommend deleting because no plan to monitor rural sites
Parangārehu catchment streams and South-west coast rural streams	Periphyton biomass	C / C	Not monitored, biomass expected to be low when looking at visual estimates; TAS setting is appropriate as set at NBL
	Dissolved oxygen	A / C	Science team provide advice to inform the appropriateness of this TAS setting at the hearing because set more stringently than NBLs and no baseline to understand its impact or achievability
	Copper and zinc	A	Recommend deleting because no plan to monitor rural sites
Korokoro Stream	Periphyton biomass	B / C	Science team to complete 'existing state' numeric for Table 8.4 based on data now available and provide advice to inform the appropriateness of this TAS setting
	Dissolved oxygen	A / C	Science team provide advice to inform the appropriateness of this TAS setting at the hearing because set more stringently than NBLs and no baseline to understand its impact or achievability
	Copper and zinc	A (existing state is A)	Existing state data was included in s42A version of Table 8.4 and target is set at this, so expected to be achievable despite less than 5 years of data
Kaiwharawhara Stream	Dissolved oxygen	A / C	Science team provide advice to inform the appropriateness of this TAS setting at the hearing because set more stringently than NBLs and no baseline to understand its impact or achievability
Wellington urban	Periphyton biomass	C / C	Not monitored but cover suggests moderately high - to be monitored in 2025/26; TAS setting is appropriate as set at NBL
	Dissolved oxygen	A / C	Science team provide advice to inform the appropriateness of this TAS setting at the

Part-FMU	Insufficient data[1]	PC1 TAS / NBL	Conclusions/suggested approach for TAS with insufficient data
			hearing because set more stringently than NBLs and no baseline to understand its impact or achievability
Taupō	Periphyton biomass	N/A	Already not applicable for this part-FMU in PC1
	Dissolved oxygen	M	TAS requires maintenance of existing state only, therefore this is expected to be achievable
Pouewe	Dissolved oxygen	M	TAS requires maintenance of existing state only, therefore this is expected to be achievable
Wai-o-hata	Periphyton biomass	B (existing state is A) / C	Existing state data was included in s42A version of Table 8.4 and target is set less stringent than this, so expected to be achievable despite less than 5 years of data
	Dissolved oxygen	M	TAS requires maintenance of existing state only, therefore this is expected to be achievable
Takapū	Periphyton biomass	B / C	Recommend deleting TAS because soft bottomed where periphyton biomass risk is low
	Dissolved oxygen	M	TAS requires maintenance of existing state only, therefore this is expected to be achievable
Te Rio o Porirua and Rangituhi	Periphyton biomass	B (existing state is A) / C	Existing state data was included in s42A version of Table 8.4 and target is set less stringent than this, so expected to be achievable despite less than 5 years of data
	Dissolved oxygen	M	TAS requires maintenance of existing state only, therefore this is expected to be achievable

Coastal Water Management Unit	No data[2]	PC1 TAS / NBL	Conclusions/suggested approach for objective with insufficient data
Mākara Estuary	Muddiness	≤5 ≤10	Science team to confirm if monitoring is planned and if so, advise whether proposed setting is an appropriate setting here given absence of existing state information

[2] Excludes where objective has been set as 'M' in s42A Tables 8.1 and 9.1, as objective requires maintenance of existing state only, therefore this is expected to be achievable