**Appendix 3: Insufficient data summary table – Updated 9/4/25**

| **Part-FMU** | **Insufficient data[[1]](#footnote-2)** | **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 retaining, as while no current plan to monitor, I consider this is necessary for effective plan implementation; science team to comment on TAS setting (e.g. is it likely to be reflective of existing conditions based on current land use?) |
| 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 retaining, as while no current plan to monitor, I consider this is necessary for effective plan implementation; science team to comment on TAS setting (e.g. is it likely to be reflective of existing conditions based on current land use?) |
| 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 not possible |
| 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 |
| 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 retaining, as while no current plan to monitor, I consider this is necessary for effective plan implementation; science team to comment on TAS setting (e.g. is it likely to be reflective of existing conditions based on current land use?) |
| 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 retaining, as while no current plan to monitor, I consider this is necessary for effective plan implementation; science team to comment on TAS setting (e.g. is it likely to be reflective of existing conditions based on current land use?) |
| 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 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 not possible |
| 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]](#footnote-3)** | **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 |

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 [↑](#footnote-ref-2)
2. Excludes where objective has been set as ‘M’ in s42A Tables 8.1 and 9.1, as TAS requires maintenance of existing state only, therefore this is expected to be achievable [↑](#footnote-ref-3)