FLAG Recommendations	Council direction on FLAG recommendation
FLAG recommendation 1: That the Council receive and consider this report and: a) adopt all of the recommendations in this report as the "Tākaka Freshwater FMU recommendations package", which is an integrated package that is intended to operate as a holistic framework (including water quality and quantity elements, and regulatory and non-regulatory methods); and b) if you should choose not to implement the full package of recommendations, please ensure that you seek staff advice on the consequences of those decisions, including the dependency of the recommendations on each other and implications for the consensus achieved by the group.	The Council previously resolved to receive the FLAG report at the Environment and Planning Committee meeting on the 25 July 2019. The Council directs staff to: a) Note Recommendation 1a) and acknowledge the integrated nature of the Takaka Freshwater FMU recommendations package; b) Accept in principle Recommendation 1b) as good practice; and c) Note - final decisions on the proposed plan change package will be made by Council once the draft plan change package is completed.
 FLAG recommendation 2: That the Council instruct staff to: a) progress the development of the Tākaka Freshwater Plan Change and Implementation Plan to provide protections to Tākaka waters, including Te Waikoropupū Springs; and b) advise FLAG of any significant differences between the Tākaka FMU recommendations package and the proposed Tākaka Freshwater Plan Change and Implementation Plan, so that FLAG remain informed on the content of what will be publicly notified; and c) seek FLAG feedback on how the proposed Tākaka Freshwater Plan Change and Implementation Plan aligns with the intent of our recommendations package. 	The Council directs staff to: • Accept Recommendation 2 as good practice.
FLAG recommendation 3: That the Council consider, in conjunction with the FLAG summary report, the Manawhenua Mātauranga Report by Manawhenua ki Mohua (June 2018), as it provides feedback on FLAG's work, and includes topics that were out of FLAG scope, or could not be adequately addressed within the project timeframes.	The Council previously resolved to receive the MKM report at the Environment and Planning Committee meeting on the 25 July 2019. The Council directs staff to: • Accept Recommendation 3 as good practice; and • Liaise with representatives of Manawhenua ki Mohua on a preferred approach to discuss their report with Council.
FLAG recommendation 4: That the Council: a) instruct staff to consider relevant recommendations of the Special Tribunal for the Waikoropupū Water Conservation Order in the Tākaka Freshwater Plan Change, once they are received; and b) once the proposed Tākaka Freshwater Plan Change is finalised, proceed with public notification, irrespective of the remaining Water Conservation Order process, to avoid delay in providing protections to Tākaka waters, including Waikoropupū Springs.	 The Council directs staff to: Accept Recommendation 4a as good practice. Accept Recommendation 4b acknowledging the unknown timeframe for the remainder of the Water Conservation Order process until it has legal effect upon gazettal.

FLAG Recommendations	Council direction on FLAG recommendation
FLAG recommendation 5: That Council, in preparation of the Tākaka Freshwater Plan Change, work with Manawhenua ki Mohua, and other Te Tau Ihu Iwi as appropriate, to define cultural tohu to use within the attribute and freshwater objective framework and associated monitoring and reporting.	 The Council directs staff to: Accept Recommendation 5 The Council: Notes this work is being progressed by staff in conjunction with iwi; and Recognises this work is associated with the freshwater objectives and attribute monitoring required under the NPS-FM.
FLAG recommendation 6: That if the Council considers that further public engagement is needed during preparation of the proposed Tākaka Freshwater Plan Change and Implementation Plan, that the Council undertake that consultation, not FLAG.	The Council directs staff to: • Accept Recommendation 6 as good practice; and • Note a Council resolution on future public engagement will be made once the draft Takaka Freshwater Plan Change Package is complete.
 FLAG recommendation 7: That the Council instruct staff to undertake further industry and stakeholder engagement during preparation of the Tākaka Freshwater Plan Change and Implementation Plan, including on: a) the acceptability of security of supply in each zone to determine if allocation limits need to be reduced to improve security, and b) development of minimum standards for high risk to water activities and practices (refer Section 11.2), and c) development of the Risk to Water framework for land use with moderate to high risk to water (refer Section 11.3), including implementation methods. 	 The Council directs staff to: Accept further engagement in preparation of the draft Takaka Freshwater Plan Change Package as good practice; Accept Recommendation 7a; and Accept in principle recommendation 7b and 7c for inclusion in the scope of the draft Takaka Freshwater Plan Change Package.
FLAG recommendation 8: That: a) the Council adopts the Tākaka Freshwater Management Unit and Zone boundaries as described in Section 5 and set out in Table 2 and Figures 3, 4 and 5; and b) that these zones form the basis for application of any management methods used for water management in the Tākaka Freshwater Management Unit.	The Council directs staff to: • Accept Recommendation 8. The Council notes the Freshwater Management Unit and zone boundaries are required under the NPS-FM and have been informed by expert staff advice reflecting the complex catchment hydrology and water management needs.
 FLAG recommendation 9: That: a) the Council adopts the values of water and the associated management objectives defined by FLAG (as stated in Sections 6.2 to 6.9 of this report), and b) that these values form the basis for any future decisions for water management in the Tākaka Freshwater Management Unit, so that each value is provided for within the environmental limits of the framework. 	The Council directs staff to: • Accept Recommendation 9. The Council: • Notes this approach is consistent with the requirements of the NPS-FM; and • Notes that there will be further opportunity for public feedback on these values in the remaining Takaka Freshwater Plan Change process.

FLAG Recommendations	Council direction on FLAG recommendation
FLAG recommendation 10: That: a) the Council acknowledges and adopts Te Waikoropupū as an Outstanding Freshwater Body under the NPS-FM; and b) the Council ensures any decisions on freshwater management that may affect Te Waikoropupū protects the outstanding values of those springs being: i. Strong artesian flow ii. Exceptional water clarity iii. Cultural and spiritual values, including its wai tapu (sacred water) and wāhi tapu (sacred place) status	 The Council directs staff to: Accept in principle Recommendation 10, as this acknowledges the importance of Te Waikoropupū to iwi and the community under the NPS-FM; The Council: Notes this approach may be influenced by the Special Tribunal recommendations on the Water Conservation Order; Notes the positive influence of water releases from the Cobb dam on flows at Te Waikoropupū springs; and Notes that there will be further opportunity for public feedback on this aspect in the remaining Takaka Freshwater Plan Change process.
 FLAG recommendation 11: That the Council instruct staff to: a) Complete work on the definition of metrics, statistics and numerical values for the identified attributes of water to define Freshwater Objectives for the Tākaka Freshwater Management Unit; and b) for any Freshwater Objective not currently being met, to define limits and targets to achieve the Freshwater Objectives; and c) to provide the summary of freshwater objectives and any limits and targets to FLAG for feedback. 	The Council directs staff to: • Accept Recommendation 11; The Council notes this work is required by the NPS-FM, and that staff have been progressing this work to inform the draft Takaka Freshwater Plan Change process.
FLAG Recommendation 12: That (subject to FLAG Recommendations 13 and 14) the Council: a) adopts the methodology and framework for allocation regimes recommended by Cawthron (as outlined in Cawthon Report 2977 January 2017). The regime elements operate as a combined package, and include: i. Minimum flows and levels to protect aquatic ecology ii. Allocation limits to minimise flat-lining at minimum flow and provide for consumptive uses of water iii. Protection of minimum flows with cease take triggers iv. Use of rationing triggers where flow recession allows v. Use of restart triggers to ensure sufficient rainfall has occurred before restart of water takes b) Acknowledge that adopting this methodology and regime means that all elements of it must be retained to maintain the integrity of the approach, and; c) Instructs staff to include the allocation regimes in the Tākaka Freshwater Plan Change.	 The Council directs staff to: Accept in principle Recommendation 12; and Note this is acceptance of the methodology used for the allocation framework, but that Council will consider the specific numeric values to be used in the plan change package, once further information is available for the accompanying Section 32 evaluation report.

FLAG Recommendations	Council direction on FLAG recommendation
FLAG recommendation 13: That the Council adopts the modifications by FLAG, to the Cawthron recommended allocation regimes, in the Pariwhakaoho and Upper Tākaka Mainstem Zones, that incorporate further provision for Cultural and Spiritual, and Livelihood and Economic values of water.	 The Council directs staff to: Accept in principle Recommendation 13; and Notes this is acceptance of the methodology used for the allocation framework, but that Council will consider the specific numeric values to be used in the plan change package, once further information is available for the accompanying Section 32 evaluation report.
FLAG recommendation 14: For the Anatoki and Arthur Marble Aquifer Recharge zones, where FLAG did not achieve consensus on a final allocation regime, that the Council consider FLAG's preferred options and reasons for the options identified for each zone, and decide on the option to incorporate in the Tākaka Freshwater Plan Change.	 The Council directs staff to: Accept in principle Recommendation 14; and Note this is acceptance of the process to be followed, which will include Council consideration of the FLAG preferred options and reasons, and any other options, including recommendations made by the Special Tribunal for the Water Conservation Order; and Note that Council will make this decision at a future time, once the Water Conservation Order recommendations report is received, and once further information is available for the accompanying Section 32 evaluation report.
FLAG recommendation 15: That the Council adopts, and incorporates in the Tākaka Freshwater Plan Change, the proposed Waikoropupū Exclusion Zone around Te Waikoropupū main spring, to ensure no new bores and no new water takes occur from the Arthur Marble Aquifer within one kilometre of Te Waikoropupū main spring.	The Council directs staff to: • Accept in principle Recommendation 15. The Council notes this approach is consistent with the cultural and spiritual values of Te Waikoropupū.
 FLAG recommendation 16: That the Council adopts the proposed Waikoropupū Surface Catchments Zone and: a) Instructs staff to investigate flows in the upper catchment and the permitted takes occurring in the catchment to inform the setting of a suitable allocation limit for the zone; b) Identifies Fish Creek as a priority catchment for waterbody restoration; c) Supports land owners through provision of advice and financial measures to achieve the desired waterbody restoration and water quality goals in Fish Creek in a timely manner. 	The Council directs staff to: • Accept Recommendation 16a; • Accept in principle Recommendation 16b and 16c; • Include consideration of 16b and 16c in the draft Implementation Plan (refer also Recommendation 31) The Council notes landowners are already working with staff to implement projects in the Fish Creek catchment to improve water health.
FLAG recommendation 17: That the Council instruct staff to include reservation for community water supply in the Tākaka Freshwater Plan Change for: a) the Tākaka Township Zone, and b) all other zones equivalent to the existing consented amount for community water supplies.	The Council directs staff to: • Accept Recommendation 17.

FLAG Recommendations	Council direction on FLAG recommendation
FLAG recommendation 18: That the Council instruct staff to formalise the Tākaka Waiting List for water in the Tākaka Freshwater Plan Change.	The Council directs staff to: • Accept Recommendation 18.
FLAG recommendation 19: That for the 2019 Tākaka water permit renewal process the Council direct staff to: a) ensure that any potential 'on-paper' over allocation identified (including examples in the Tukurua and Anatimo catchments) is addressed; b) consider: i. bona fide review, ii. inclusion of a consent review condition subject to policy directions from notified Tākaka Freshwater Plan Change, iii. use of interim cease takes to protect minimum flows using existing TRMP polices; and c) consider suitable consent conditions to protect low flows in catchments where there is no hydrological flow data to inform an allocation regime and where allocated amounts have been grandfathered.	The Council directs staff to: • Accept Recommendation 19. The Council: • Notes staff will assess renewal applications on their merits; • Notes staff have already advised permit holders of the potential need for permit review upon progression of the plan change.
FLAG recommendation 20: That the Council adopts a policy in considering new water take applications, of protecting tributaries to the same extent as the main river from which the zone allocation regimes are derived to avoid cumulative effects of water takes on the ecological health of tributaries. For example, in zones with a 90:10 regime, tributaries in the same zone are also protected relative to their own low flows to an equivalent 90:10 level.	 Note recommendation 20 and provide further advice regarding the implications of this approach, including the implications for existing community water supplies. Noting the need for clear justification for its implementation in the Section 32 evaluation report accompanying the draft plan change. Note - final decisions on the proposed plan change package will be made by Council once the draft plan change package is completed and once further information is available for the accompanying Section 32 evaluation report.
 FLAG recommendation 21: That the Council: instructs staff to consider the implications of applying a prohibited activity status to water take applications above allocation limits, during the development of the Tākaka Freshwater Plan Change, and b) If appropriate, include a prohibited status in the plan change to protect the allocation limits identified in each zone. Otherwise retain the non-complying status. 	The Council directs staff to: • Accept Recommendation 21.

FLAG Recommendations	Council direction on FLAG recommendation
 FLAG recommendation 22: That the Council: a) adopt in principle the regulatory management of land use intensification in the Tākaka Freshwater Management Unit; and b) instruct staff to develop new provisions, in discussion with industry and stakeholders, in the Tākaka Freshwater Plan Change that manage land use intensity to avoid very high risk land uses, such as high intensity stocking or cropping and feed-lots in the Tākaka Freshwater Management Unit. 	 Accept in principle Recommendation 22; Note Councillor concern that the definition of intensification needs careful consideration to link this to risks to water, and avoid inhibiting land use change towards intensive uses that have lower risk to water; Note control of land use intensification seeks to address concerns over increased risk to water from use of additional water that may be provided through the plan change. Note the Government's Essential Freshwater package may introduce this through national regulation.
FLAG recommendation 23: That the Council, for the Tākaka Freshwater Management Unit: a) instruct staff to develop new provisions in the Tākaka Freshwater Plan Change that require exclusion of stock from waterbodies and sensitive areas through: i. fencing, or ii. stock-proof natural barrier formed by topography, or iii. Council approved alternative stock exclusion plans including: 1. provision for appropriate timeframes for this to be achieved by landowners 2. consideration of slope, river size, and stock types b) provide advice on suitable setbacks of fencing from waterbodies c) continue financial support of landowners to achieve stock exclusion where projects meet the relevant funding criteria d) consider ways the Council may attract or facilitate external funding assistance for stock exclusion.	 The Council directs staff to: Decline Recommendation 23a at this time as Council will seek to rely on the national Stock Exclusion Regulations (anticipated by September 2020), rather than regulation in the Regional Plan; Include Recommendation 23b, 23c and 23d in the draft Implementation Plan (refer also Recommendation 31).
FLAG recommendation 24: That the Council, for the Tākaka Freshwater Management Unit: a) instruct staff to develop new provisions in the Tākaka Freshwater Plan Change that manage waterbody and sensitive area setbacks for: i. High risk activities and practices; and ii. New infrastructure that can potentially generate contaminant discharges, to ensure there is sufficient distance for filtration or interception of contaminant discharges should they occur.	The Council directs staff to: • Accept in principle Recommendation 24.

FLAG Recommendations	Council direction on FLAG recommendation
FLAG recommendation 25: That the Council, instruct staff to: a) investigate classification of karst sinkholes based on the likely risk to groundwater quality from contaminated runoff, to provide a pragmatic basis for their management, and b) incorporate appropriate management of sinkholes in the Tākaka Freshwater Plan Change, to avoid contaminated runoff entering sinkholes.	 Note Councillor concern at the resourcing implications and need to prioritise other work required for the draft plan change; Accept in principle Recommendation 25 for further consideration by staff and provision of further information to Council; Note any funding to enable detailed investigation work for this topic will need to be considered through the Long Term Plan process. The Council notes existing rules in the TRMP regarding discharge of stormwater, drainage water, soil, vegetation, effluent, refuse, offal or debris to sinkholes.
FLAG recommendation 26: That the Council, for the Waikoropupū Surface Catchments Zone, instruct staff to develop new provisions in the Tākaka Freshwater Plan Change that: a) require setbacks from Te Waikoropupū reserve for: i. High risk activities and practices; and ii. New infrastructure that can potentially generate contaminant discharges, to ensure there is sufficient distance for filtration or interception of contaminant discharges should they occur; and b) includes consistent reference to Te Waikoropupū reserve setbacks within the discharge rules to manage risks from contaminated runoff.	 The Council directs staff to: Accept in principle Recommendation 26; The Council: Notes this approach seeks to address future potential risk, rather than a current problem; Notes landowners are already working with staff to implement projects in the Fish Creek catchment to improve water health.
 FLAG recommendation 27: That the Council instruct staff to: engage with industry and stakeholders to identify high risk practices with agreed industry good practice methods; and develop new provisions in the Tākaka Freshwater Plan Change that require those practices to be undertaken using the agreed industry good practice method. 	The Council directs staff to: • Accept in principle Recommendation 27.

FLAG Recommendations	Council direction on FLAG recommendation
 FLAG recommendation 28: That the Council, for the Tākaka Freshwater Management Unit: a) adopt in principle the aims of the Risk to Water framework and the aims for any implementation approach as outlined in Section 11.3.1 (1-6 and A-C); and b) instruct staff to identify land uses considered to have moderate or high risk to water in the Tākaka Freshwater Management Unit, for confirmation by Council in discussion with iwi and stakeholders as needed; and c) instruct staff to progress work to define the most appropriate implementation method for: i. ensuring that everyone undertaking land uses with moderate to high risk to water show that they are operating at good practice and managing on-farm risks to water, including management of diffuse discharges, and meeting the minimum standards outlined in Section 11.2; ii. ensuring monitoring, audit and compliance of good practice implementation; and iii. ensuring responsive management in the Arthur Marble Aquifer Recharge Zone to increase regulatory controls, if any freshwater objectives are not met at Te Waikoropupū main spring. 	The Council directs staff to: • Accept in principle Recommendation 28; The Council notes this approach is consistent with, and may be influenced by, national direction in the proposed National Environmental Standard for Freshwater.
 FLAG recommendation 29: That the Council: a) resolve to develop, and implement, a non-regulatory program to support and encourage riparian and aquatic habitat restoration in the Tākaka Freshwater Management Unit (FMU), including consideration of ways that Council may facilitate riparian and aquatic habitat restoration at a FMU scale; and b) instruct staff to develop new provisions in the Tākaka Freshwater Plan Change that: i. further protect riparian vegetation from removal or degradation, including protection of restoration plantings; and ii. require waterbody restoration plans to be implemented by 2050 to support the non-regulatory program for riparian and aquatic habitat restoration. 	The Council directs staff to: • Accept in principle Recommendation 29; • Include consideration of 29a in the draft Implementation Plan (refer also Recommendation 31).
FLAG Recommendation 30: That the Council resolve to: a) include the following topics: 1. Further enabling and promotion of the use of non-consumptive takes, 2. Further enabling and promotion of the use of off-stream storage, 3. Review of the need for water take thresholds for permitted takes to protect small rivers, as outlined in Section 12, in either: i. The Tasman-wide freshwater plan change, as identified in the Council's 2018 Progressive Implementation Plan, or ii. the Tākaka Freshwater Plan Change.	The Council directs staff to: • Accept in principle Recommendation 30, and consider these aspects as part of the Takaka Freshwater plan change process.

FLAG Recommendations	Council direction on FLAG recommendation
 the Tākaka Urban Stormwater Catchment Management Plan in discussion with iwi and the community, including consideration for methods to improve the water flows, quality and ecological health of the Te Kakau and Motupipi Rivers investigation and implementation of approaches to improve water health in Lake Killarney Review Council's approaches to river channel management methods (including stabilisation, gravel management, flood control and herbicide/pesticide use) to ensure they achieve positive outcomes for Ecosystem Health and other values of water, in addition to erosion, flooding, gravel and pest management outcomes 	
 e) Financial Measures: i. Continue to provide financial subsidy (fencing fund) to support landowners to fence waterbodies for stock exclusion ii. Continue to provide financial subsidy (catchment fund) to support and facilitate landowners and the community to undertake waterbody restoration iii. Consider ways that the Council could help support landowners and the community to attract and efficiently use external funding to further waterbody restoration and stock exclusion efforts in the Tākaka FMU f) Further Regulation Review: i. Regional review of water takes and discharges (as specified in Section 12) 	
ii. Reviewing the resourcing and efficacy of compliance and enforcement efforts for management of water flows and quality iii. Reviewing the resourcing and efficacy of compliance and enforcement efforts for management of water flows and quality	
FLAG recommendation 32:	
That the Council instruct staff to commission an economic analysis that considers the implementation	
approaches and costs of the proposed Tākaka FMU recommendations package, including consideration of:	
a) The regulatory and non-regulatory aspects,	
b) Enabling the Tākaka community to provide for its economic well-being, including productive economic	The Council directs staff to:
 opportunities as required under the NPS-FM (Objectives A4 and B5) c) The economic value gained or lost to the Tākaka FMU, Golden Bay/Mohua, Tasman region, and New Zealand communities, including the provision for, and protection of, values through: water left in waterbodies (in situ), and water provided for consumptive use d) How best to manage any financial cost implications of the regulatory and non-regulatory approaches, including identification of: e) The costs to Council of fully implementing the new freshwater management regime, including consideration of the options available to meet those costs and co-ordinated financial planning across Council, so that the desired outcomes from the FLAG recommendations (in meeting the NPS-FM) are realised. f) Direct financial costs and benefits to individuals or sectors of the community. In recognising where those 	 Accept Recommendation 32; The Council: Notes staff have already begun progressing this work as required to inform the Section 32 evaluation and as a key information requirement to inform future Council decisions; Notes further economic assessment may be required as the approaches in the draft plan change and implementation plan are developed.
costs and benefits fall, presenting recommended approaches to ease the burden of costs, or require reciprocity for benefits, where it is fair to do so.	10

FLAG Recommendations	Council direction on FLAG recommendation
FLAG recommendation 33: That the Council consider the following issues, and report back to the FLAG and the Tasman community on the outcomes of their consideration, and any resolutions regarding work to address these: a) Promoting rainwater harvesting, where this will not impact housing affordability b) Reviewing the effects and management of native tree removal as a result of irrigation or intensification of land use c) Reviewing the controlled activity status of water renewals (as creating a perpetual right) d) Investigating options for promoting and implementing utu (reciprocity) for water resource use, so that the benefits received from water use are reciprocated back to local waterbody environments and communities e) Investigating improvements to the water transfer system to improve and promote water use efficiency f) Undertaking more reporting back to the community to improve understanding of water resources and their management, to establish greater trust in the work of Council g) Investigating methods to address concerns around the regulation of specific end uses of water to manage potential effects on water quality, and the 'best use of water' for meeting the community's well-beings h) Investigating methods to address concerns around offshore or out of region use of local water, with little or no benefit to local communities i) The options for Council to help improve the management of whitebait j) Safe public access to waterbodies.	 The Council directs staff to: Note Recommendation 33, but place consideration of these issues on hold to give priority to existing programed work. The Council: Notes opportunity for the community to raise these issues within the upcoming Long Term Plan and Tasman Environment Plan Review processes.
FLAG Recommendation 34: That the Council consider the lessons learnt from the Tākaka FLAG process, from FLAG members, iwi, staff, the independent facilitator and survey work by Landcare Research, in the development and implementation of any future collaborative community processes, with the aim of improving staff resourcing, reducing project timeframes, and improving the processes around public, stakeholder and iwi engagement.	The Council directs staff to: • Accept Recommendation 34. The Council notes staff have already begun utilising learnings from the Takaka process to apply in future freshwater and community engagement processes.