



Tasman Resource Management Plan

**PROPOSED PLAN CHANGE NO. 67
WITH LEGAL EFFECT**

**Waimea Water Management
Technical Amendments**

**Explanatory Statement
and
Schedule of Amendments**

The Tasman Resource Management Plan is amended in accordance with the attached annotated portions of the Plan

NOTE:

- Red underlined text denotes proposed new text inserted or amended.
- Red strikethrough text denotes text deleted.

Notified: Saturday 14 July 2018

TASMAN DISTRICT COUNCIL
Tasman Resource Management Plan

PROPOSED PLAN CHANGE NO. 67
Waimea Water Management Technical Amendments

Notified 14 July 2018

Explanatory Statement

Proposed Plan Change 67 proposes to make mainly technical amendments to a number of existing provisions concerning Waimea Plains water management in Chapters 30 and 31, to update them, clarify their effect, and correct errors. These amendments affect provisions for managing the transitional decisions concerning the Waimea Community Dam (WCD).

Previous Plan amendments:

- Established freshwater objectives for quantity and environmental flow and allocation limits and targets for the zones under three scenarios concerning the WCD (no WCD; with WCD affiliated permits; and with WCD unaffiliated permits (including affiliated until WCD commences)).
- Linked affiliated permits to the funding of the construction and operation of the WCD via water supply agreements.
- Established a decision-making transition over a time period into the future concerning the advent of these scenarios, through the decision about the WCD, and checks with its progress with construction and its commencement of operation. Under this transition the zone objectives, limits or targets, and restrictions for taking and use of Waimea Plains water, change either for all water permits, affiliated permits or unaffiliated permits.
- Provided and amended date stamps to govern this time transition.

The purposes of proposed Change 67 are:

1. to correct technical errors and update provisions where more current information allows this; and
2. to clarify the effect of unclear provisions, and mitigate decision risks concerning the fate of the Waimea community Dam in relation to granting of renewal permits and exercise of Council's community water supply permits.

Change 67 amendments:

1. Amend Policy 30.2.3.13(b) to extend the scope of lands able to be serviced for community water supplies under adverse Dam outcomes, to include rural land connected to a community water supply as at the date of the proposed Plan Change notification; and to clarify assessment matters to give effect to the policy in relation to community water supply consents.
2. Update Figure 31.1D dealing with rates of water use for irrigation, and the Soils Area Special Map 236 and its legend, to reflect new soils information and the applicable rates of application for the soil series.
3. Amend the extent of the Redwood and Golden Hills zones under two of the WCD scenarios on the planning maps, and consequentially amend the allocation limits applicable to these zones in rule 31.1.2.5 and amend references to these zones in Schedule 31C under the 'with WCD' scenarios and at certain transition stages and amend the two maps numbered 232 to show all three scenarios and the zone extents under them.
4. Make technical amendments to displays of the rationing steps and trigger flows for the Waimea Plains zones under the three WCD scenarios in the tables of Schedule 31C to clarify their intended effect.
5. Amend the WCD transition date stamps (as amended by Change 63 in 2016) by extending forward by 12 months all date stamps.

The proposed provisions are evaluated in the accompanying Section 32 Evaluation Report.

Schedule of Amendments

CHAPTER 30: TAKING, USING, DAMMING AND DIVERTING WATER

30.2 ALLOCATION OF FRESH WATER BETWEEN COMPETING WATER USERS

[Unamended text omitted]

30.2.3 Policies

[Unamended text omitted]

30.2.3.12 (A) Where there IS a Waimea Community Dam - Transitional Arrangements

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In considering applications to take water in the Waimea Plains water management zones, the Council will provide for transitional water allocation as follows:

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- (a) For affiliated permits, until operation of the Waimea Community Dam has commenced:
 - (i) when making decisions on resource consent applications under Rule 31.1.2.3A, water use will reflect bona fide use between 2003 and 2013 (actual and reasonable use); and
 - (ii) rationing for all permits will be based on avoiding seawater intrusion and maintaining river flows according to Policy 30.1.3.20; and
 - (iii) granting any application for site-to-site transfer of water permits or parts of water permits only in circumstances that do not result in an increase in the amount of water used from November to April;
- (b) For permits that are not affiliated, until operation of the Waimea Community Dam has commenced, allocation limits and rationing will be based on the provisions, including the 4-step rationing regime that would apply in the absence of the Waimea Community Dam.

(B) Where There IS NO Waimea Community Dam

In considering applications to take water in the Waimea Plains Zones, either:

- (a) after 1 ~~May~~ November 2023 if by this date the construction of the Waimea Community Dam has not commenced; or
- (b) where there is no Water Supply Agreement available to permit applicants by 1 November ~~2018~~ 2019;

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the Council will provide for a water allocation regime that reduces the over-allocation of water and the adverse effects of taking water by:

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- (c) adopting allocation limits (the sum of existing consented takes due for renewal in 2016 and 2017 and authorised under rule 31.1.2.2) and longer-term allocation targets (based on Council's security of supply policy) that guide decision making for resource consent applications to take water;
- (d) adopting a 4-step rationing regime with the first three steps based on Wairoa River flow triggers and Step 4 requiring a reduction to 30 percent of allocated water based on flow in the Lower Waimea River and salinity levels, except for community water supplies, which remain at Step 3;
- (da) considering the imposition of cease take water shortage directions in accordance with policy 30.1.3.20(c)(ii);
- (e) reviewing the Plan provisions relating to allocation limits, targets, rationing triggers, and flow regimes by 2025 to assess:

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- (i) the security of supply in these water management zones to compare it with Council's security of supply standard in Policy 30.2.3.21(a); and
 - (ii) the relationship between the observed security of supply and flow regime; and
 - (iii) the extent to which the stated river management objectives are being met;
- (f) declining any new resource consent application for consumptive water takes, except where water is taken when river flows are significantly higher than the sum of consented abstractions plus the minimum flow;
- (g) when making decisions on resource consent applications under rule 31.1.2.2, to reduce permit allocations to reflect bona fide use (actual and reasonable use);
- (h) providing for a permit duration of 20 years and reviewing the permit during the consent term in relation to maintenance of river flows and effects of the water use on water quality, including as a result of any Plan review under clause (e).

(C) Once Waimea Community Dam Operation Commences

In considering applications to take water in the Waimea Plains Zones once the operation of the Waimea Community Dam commences, the Council will provide for the following water management regime:

- (a) For water permits affiliated to the Waimea Community Dam:
- (i) allocation limits, security of supply and rationing is linked to the volume of water stored in the dam and the release of water from the dam to maintain specified flows in Schedule 31C Table 1A;
 - (ii) a consent duration for any permits affiliated to the dam is concurrent with resource consents issued for the Waimea Community Dam;
 - (iii) permit reviews are required during the consent duration in relation to management of effects of the water use on water quality.
- (b) For permits that are not affiliated to the Waimea Community Dam once operation of the Dam has commenced:
- (i) a security of supply that is less than the Council's standard for supply security through:
 - a) adopting allocation limits (the sum of existing consented takes due for renewal in 2016 and 2017 and authorised under rule 31.1.2.2) and longer-term allocation targets (based on Council's security of supply policy) that guide decision making for resource consent applications to take water;
 - b) water take restrictions, including cease take provisions that provide a security of supply similar to that if there was no dam for the Waimea Plains Zones, and trigger flows specified at the Wairoa at Irvines monitoring site; and
 - c) a flow trigger that provides for the resumption of water takes after any rationing has been imposed based on the unmodified 7-day moving mean flow of 6,000 litres per second for the Wairoa River measured at the Irvines site;
 - (ii) permit reviews during the consent duration in relation to management of effects of the water use on water quality;
 - (iii) a consent duration of 20 years.

D) Root Stock Survival Water

In considering applications to take water in the Waimea Plains Zones under policy 30.2.3.12(A), policy 30.2.3.12(B) or policy 30.2.3.12(C)(b), the Council may provide for the taking of water authorised for the sole purpose of avoiding the death of pipfruit, stonefruit, viticulture and kiwifruit root stock and for the purpose of glasshouse irrigation as follows:

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- (a) Water allocated for this purpose must not exceed a cumulative instantaneous limit across all Waimea Plains Zones of 521 litres per second; and
- (b) The water may only be available after:
 - (i) 11 days on the lighter soils (Ranzau, Maori) and 30 days on the heavier soils (Waimea, Richmond) for pipfruit, stonefruit, viticulture and kiwifruit
 - (ii) one day for glasshouses;
 following the imposition of either:
 - (iii) Figure 31.1C Step 3 rationing or beyond for permits not affiliated to the Waimea Community Dam before the Dam commences operation; or
 - (iv) Figure 31.1C Step 3 rationing or beyond for permits where there is no Waimea Community Dam; or
 - (v) Figure 31.1C Step 2 rationing for permits not affiliated to the Waimea Community Dam after the Dam commences operation; and
 in each case only where no practicable alternative sources of water are available or accessible.

(E) Permits to Take from the Waimea Community Dam

In considering applications for permits that are affiliated or unaffiliated to the Waimea Community Dam, the Council will require that only one permit subject to the relevant affiliated or unaffiliated allocation limit is consented for any one point of take and monitored through one water meter, except where the point of take services more than one landowner through a reticulated irrigation scheme and where:

- (a) the total water take is telemetered;
- (b) the affiliated and unaffiliated permits are managed jointly so that the water use authorised in each permit is managed as a combined total, with a volume equivalent to the unaffiliated portion of that combined total being subject to the rationing steps applicable to an unaffiliated permit;
- (c) water use by landowners serviced by the reticulation scheme must be monitored by water meters at the property boundary and unaffiliated water use reported separately to Council.

30.2.3.13 If substantial progress towards giving effect to the relevant resource consents for construction of the Waimea Community Dam has not been made by 1 November ~~2019~~2020, as determined under Policy 30.2.3.13A, Council will provide priority for the taking of water from any of the Waimea Plains zones and use ~~of water~~ for community water supplies in a way that recognises and accounts for the constraints on water availability, by:

- (a) ensuring that water allocated for community water supplies is retained for that use when those existing permits expire and are replaced;
- (b) ~~allowing~~ requiring permits for community water supplies to be exercised to service only:
 - (i) land that was zoned for urban development as at 27 April 2013, including any urban deferred zones that existed at that time, and including any such zoned land in Nelson City reticulated for community water supplies from the Council's supply; or
 - (ii) was connected to a community water supply before [date of notification of C67], including land zoned for rural development connected to rural extensions or to the Redwood Valley community water supply;
- (c) limiting new or expanding industrial activities in these zones to ~~low~~ water demanding activities that do not exceed 15 cubic metres of water per day averaged over a week, unless the expanding industrial activity does not involve

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an increase in bona fide water use or constitutes the non-consumptive use of water;

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- (d) investigating options for augmenting community water supplies;
- (e) ensuring, when appropriate, that the Council's Water Supply Bylaw and contracts to supply water to industrial and commercial users of water account for water restrictions and water use rationing imposed by conditions on relevant water permits for reticulated community water supplies.

30.2.3.13A Council, after consultation with the consent holder for the Waimea Community Dam, will by 1 November ~~2019~~2020 make a determination on whether substantial progress has been made towards giving effect to the relevant resource consents for construction of the Waimea Community Dam.

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[Unamended text omitted]

Mitigation of Adverse Effects

[Unamended text omitted]

30.2.3.21 To seek to maintain or establish a minimum security of supply for all abstractive water users by establishing allocation limits and trigger levels for rationing whereby:

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- (a) a reduction in 35 percent of the allocated amount is expected during a 10-year drought for permits to take water from surface or ground water bodies during summer periods; except for community water supplies where the reduction is 25 percent, and
- (b) to adopt a higher security of supply where knowledge about cumulative effects of water abstraction on water bodies is not complete or where demand for water resources is lower or where abstractive water users are supplied by a water augmentation scheme that enables higher security standards;
- (c) in the Waimea Water Management Zones, where permits are not affiliated to Waimea Community Dam, or where there is no Waimea Community Dam by 1 November ~~2022~~2023, to adopt a lower security of supply as provided by policy 30.2.3.12.

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[Unamended text omitted]

30.2.30 Principal Reasons and Explanation

[Unamended text omitted]

No Waimea Community Dam

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If there is no Waimea Community Dam, resource consent applications that are renewals of existing water permits will be subject to water allocation on the basis of bona fide use, including allocation based on crop and soil type. Sustainable allocation targets will guide decision making in relation to any new applications.

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In the Waimea Plains water management zones, Council has adopted allocation limits which will be the sum of existing consented takes authorised by rule 31.1.2.2 in 2016 and 2017. New sustainable allocation targets in the absence of a dam have been adopted to manage new water take applications.

These allocation limits and targets will have substantial impacts on all of the abstractive users of water.

No new permits will be issued in these zones. Resource consent applications that are renewals of existing water permits will be subject to water allocation on the basis of bona fide use, crop and soil type and conditions for rationing aimed at protecting the flow in the Waimea River.

However, provision is made in policy 30.2.3.12(D) for the Council to consider allocating water for the survival of horticultural and viticultural root stock and glasshouse crops.

Council has adopted new policy and rule provisions that recognise existing water permits and re-allocation of water for community water supply from the Delta, Golden Hills, Reservoir, and Lower Confined Aquifer Zones and provide for the existing urban development and rural extension commitments for Richmond, Brightwater and Mapua-Ruby Bay identified in this Plan and the Long Term Plan. However, this recognition also accounts for the water over-allocation issues in the Plains and constrains new urban development unless other augmentation solutions are provided for.

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A permit duration of 20 years will also be adopted that reduces consent costs for water users.

[Unamended text omitted]

SCHEDULES**Schedule 30A: Uses and Values of Rivers, Lakes, Wetlands, Aquifers and Coastal Waters**C26 2/10
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This Schedule lists values for water bodies within the Tasman District. The Schedule includes, as appropriate, the waters of estuaries and coastal margins listed in Schedule 25D. The list of values is not yet complete for all water bodies or for all values. Further work is also underway to develop consistent protocols and determine the evidential requirements for inclusion of values into the Schedule.

Some types of values have been assigned an indicative relative significance of the value. The significance of values or uses (either existing or potential) is only in relation to other water bodies that may have that value or use and is not as compared to other values. A consistent methodology for assessing relative significance between or across all values is still being developed. Only those values in relation to wetlands, values identified in water Conservation Orders and significant habitats of indigenous species are assigned through a formal method or statutory process.

Rivers with potential value for hydro-power generation or irrigation are identified. However, this does not indicate weighting or priority for these values over other values that exist or have potential for that river.

The Schedule includes values that must to be taken into account in relation to specific conditions on permitted activities and when making resource consent applications for activities managed by rules in Part IV or when applying provision of Policy 33.1.3.15 in Part VI. It is not an exhaustive list and additional information about potentially affected uses and values may be required in support of resource consent applications.

Unless specified, the values included for any river or group of rivers may apply to the length of the rivers listed or only to specific reaches, and further investigation may be required to provide sufficient details.

This Schedule is yet to be developed in accordance with the:

- (a) National Policy Statement for Freshwater Management 2011
 - (b) National Policy Statement on Renewable Electricity Generation 2011
- to:
- (i) include management objectives for all water bodies as well as limits and thresholds for water quality and quantity; and
 - (ii) to recognise the national significance of the need to develop renewable electricity resource including hydro-electric power generation.

The Council will introduce future changes to the Plan to fully implement these national policy statements.

WATER BODY USES AND VALUES		
Water Body	Values/Uses Adversely Affected by Reduced Flows or Levels	Water Management Objectives for Water Quantity
(1) All groundwater (All groundwater may have any of these uses and values and information may be required to identify existence of values and to assess the impact of proposed activities on these values and uses.)	Instream Uses and Values	
	<ul style="list-style-type: none"> • Contribution to river and spring flows. • Phreatic ecological communities. 	<ul style="list-style-type: none"> • Prevention of seawater intrusion. • Maintenance of aquifer pressures (abstraction rates to match recharge rates). • Maintenance of contribution to river or spring flows.
	Other Uses and Values	
	<ul style="list-style-type: none"> • Human consumption. • Irrigation including for food production. • Community water supply. • Stock and farm water supply. • Industrial supply. 	<ul style="list-style-type: none"> • Protection of water supply needs of stock and domestic users (provided there is full penetration of any alluvial aquifer). • Maintenance of water users' security of supply at an acceptable level.

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WATER BODY USES AND VALUES			
Water Body	Values/Uses Adversely Affected by Reduced Flows or Levels	Water Management Objectives for Water Quantity	
WITH WAIMEA COMMUNITY DAM			
<i>¹These values and objectives apply to water bodies (2) to (4) from now until construction of the Waimea Community Dam commences and continue to apply once the dam commences operation.</i>			
(2) Upper Confined Aquifer (3) Appleby Gravel Aquifer (4) Lower Confined Aquifer	Instream Uses and Values		
		AFTER dam is operating	UNTIL dam is operating
	<ul style="list-style-type: none"> Contribution of flow to the Waimea River. Contribution of flows to Neimann, Pearl and O'Connor Creeks 	<ul style="list-style-type: none"> Maintenance of Waimea River flows all year in up to a 50-year drought to maintain aquifer water levels. Improved spring flows in Neimann, Pearl and O'Connor creeks. Avoidance of seawater intrusion into any pumped bore. Improved aquifer pressures such that annual recharge rates meet or exceed annual abstraction rates. 	<ul style="list-style-type: none"> Maintenance of flow in the Waimea River through water rationing. Maintenance of spring flows in Neimann, Pearl and O'Connor creeks. Avoidance of seawater intrusion into any pumped bore. Maintenance of aquifer water levels.
	Other Uses and Values		
		AFTER dam is operating	UNTIL dam is operating
	<ul style="list-style-type: none"> Human consumption. Irrigation including for food production. Community water supply. Stock and farm water supply. Industrial supply. 	<ul style="list-style-type: none"> Protection of water supply needs of stock and domestic users. Maintenance of water users' security of supply at 100% in up to a 50-year drought, 	<ul style="list-style-type: none"> Protection of water supply needs of stock and domestic users. Maintenance of water users' existing security of supply
Water Body	Values/Uses Adversely Affected by Reduced Flows or Levels	Water Management Objectives for Water Quantity	
WITHOUT WAIMEA COMMUNITY DAM			
<i>These values and objectives apply to water bodies (2) to (4) if substantial progress towards giving effect to the applicable resource consents for construction of the Waimea Community Dam has not been made by <u>1 November 2020/2019</u>.</i>			
(2) Upper Confined Aquifer (3) Aquifers of the Reservoir, Waimea West and Delta zones (4) Lower Confined Aquifer	Instream Uses and Values		
	<ul style="list-style-type: none"> Contribution of flow to the Waimea River. Contribution of flows to Neimann, Pearl and O'Connor creeks. 	<ul style="list-style-type: none"> Maintenance of Waimea River minimum flow. Maintenance of spring flows in Neimann, Pearl and O'Connor creeks. Prevention of seawater intrusion. Maintenance of aquifer pressures such that annual recharge rates meet or exceed annual abstraction rates. 	
	Other Uses and Values		
	<ul style="list-style-type: none"> Human consumption. Irrigation including for food production. Community water supply. Stock and farm water supply. Industrial supply. 	<ul style="list-style-type: none"> Protection of water supply needs of stock and domestic users. Reduction of water allocations to improve water users' security of supply at an acceptable level. 	

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¹ These values and objectives for the Waimea River will be reviewed if a water augmentation scheme is commissioned or within 10 years of these provisions becoming operative, whichever is the sooner.

Water Body	Values/Uses Adversely Affected by Reduced Flows or Levels	Water Management Objectives for Water Quantity
(5) Motueka Plains, Central Plains and King Edward Zones Aquifers	Instream Uses and Values	
	<ul style="list-style-type: none"> • Contribution to coastal springs' flows. • Contribution of flow to Hau Plains Zone aquifer. 	<ul style="list-style-type: none"> • Maintenance of flows in coastal springs. • Maintenance of flow to Hau Plains Zone aquifer. • Prevention of seawater intrusion. • Maintenance of aquifer pressures (abstraction rates to match recharge rates).
(6) Hau Plains Zone Aquifer	Instream Uses and Values	
		<ul style="list-style-type: none"> • Maintenance of aquifer pressure (abstraction sources to match recharge rates).
(7) Karst Terrain Aquifers and Rivers	Instream Uses and Values	
	<ul style="list-style-type: none"> • Subsurface aquatic habitat. • Contribution to Te Waikoropupu Springs, Motueka River and Riuwaka River flows. 	<ul style="list-style-type: none"> • Protection of subsurface aquatic habitats. • Maintenance of Te Waikoropupu Springs' and Riuwaka River flows.
(8) All surface water bodies (All surface water may have any of these uses and values and information may be required to identify existence of values and to assess the impact of proposed activities on these values and uses)	Instream Uses and Values	
	<ul style="list-style-type: none"> • Aquatic ecosystems, wildlife and aquatic plant habitat. • Contact and non-contact recreation activities. • Cultural and spiritual values. • Landscape values. • Contribution to lowland spring flows. 	<ul style="list-style-type: none"> • Maintenance of minimum low flows for instream aquatic values including fisheries values. • Protection of contact and non-contact recreation activities. • Protection of landscape cultural and spiritual values.
	Other Uses and Values	
	<ul style="list-style-type: none"> • Human consumption. • Irrigation including for food production. • Community water supply. • Stock and farm water supply. • Industrial supply. • Hydro-electric power generation 	<ul style="list-style-type: none"> • Protection of water supply needs of stock and domestic users. • Maintenance of water users' security of supply at acceptable level. • Maintenance of water users' security of supply at an acceptable level. • Protection of supplies for stock and domestic users.

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WATER BODY USES AND VALUES			
Water Body	Values/Uses Adversely Affected by Reduced Flows or Levels	Water Management Objectives for Water Quantity	
WITH WAIMEA COMMUNITY DAM			
² These values and objectives apply to water bodies (9) and (10) from now until construction of the Waimea Community Dam commences and continue to apply once the dam commences operation.			
(9) Waimea River	Instream Uses and Values		
		AFTER dam is operating	UNTIL dam is operating
	<ul style="list-style-type: none"> • Aquatic ecosystems, wildlife and aquatic plant habitat. • Contact and non-contact recreation including swimming, canoeing, angling, jet boating and picnicking. • Cultural and spiritual values. • Landscape values. • Instream native and trout fisheries including native fish diversity and abundance, threatened native fish including torrent fish, brown trout habitat, trout passage and trout spawning. • Contribution to Neimann, Pearl and O'Connor creeks and spring flows. • Native bird habitat including for threatened banded dotterel, NZ Pied Stilt and black-fronted tern. 	<ul style="list-style-type: none"> • Maintenance of flows all year in up to a 50-year drought to: <ul style="list-style-type: none"> • sustain aquatic ecosystems; • provide for recreational activities, including trout fishing; • provide for cultural and spiritual values; • enhance landscape values; • avoid seawater intrusion up river adjacent to any pumped bore; • sustain habitat needs of native fish and trout; • sustain flow in Neimann, Pearl and O'Connor creeks; and • support habitat needs of native birds. 	<ul style="list-style-type: none"> • Maintenance of flows in the Waimea River through water rationing to: <ul style="list-style-type: none"> • sustain habitat needs of native fish and trout; • sustain flow in Neimann, Pearl and O'Connor creeks; and • avoid seawater intrusion.
	Other Uses and Values		
	AFTER dam is operating	UNTIL dam is operating	
	<ul style="list-style-type: none"> • Human consumption. • Irrigation including for food production. • Stock and farm water supply.. 	<ul style="list-style-type: none"> • Maintenance of water users' security of supply at 100% in up to a 50-year drought. 	<ul style="list-style-type: none"> • Maintenance water users' existing security of supply.
(10) Neimann, Pearl and O'Connor Creeks	Instream Uses and Values		
		AFTER dam is operating	UNTIL dam is operating
	<ul style="list-style-type: none"> • Native fish habitat in Neimann, Pearl and O'Connor creeks downstream of 1609565 5428615 NZTM, including the regionally significant native fishery of Neimann and Pearl creeks. • Regionally significant wildlife habitat in Neimann, Pearl and O'Connor creeks. 	<ul style="list-style-type: none"> • Maintenance of flows including improved spring flows during drought to protect native fishery and wildlife habitats. 	<ul style="list-style-type: none"> • Maintenance of spring flows during drought to sustain native fishery and wild life habitats and avoid seawater intrusion.

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² These values and objectives for the Waimea River will be reviewed if a water augmentation scheme is commissioned or within 10 years of these provisions becoming operative, whichever is the sooner.

WATER BODY USES AND VALUES		
Water Body	Values/Uses Adversely Affected by Reduced Flows or Levels	Water Management Objectives for Water Quantity
WITHOUT WAIMEA COMMUNITY DAM		
³ These values and objectives apply to water bodies (9) and (10) if substantial progress towards giving effect to the applicable resource consents for construction of the Waimea Community Dam has not been made by <u>1 November 2019/2020</u> .		
(9) Waimea River	Instream Uses and Values	
	<ul style="list-style-type: none"> • Aquatic ecosystems, wildlife and aquatic plant habitat. • Contact and non-contact recreation including swimming, canoeing, angling, jet boating and picnicking. • Cultural and spiritual values. • Landscape values. • Instream native and trout fisheries including native fish diversity and abundance, brown trout habitat, trout passage and trout spawning. • Contribution to Neimann, Pearl and O'Connor creeks and spring flows. • Native bird habitat including for threatened banded dotterel, NZ Pied Stilt and black-fronted tern. 	<ul style="list-style-type: none"> • Maintenance of Waimea River minimum flow to: <ul style="list-style-type: none"> • support aquatic ecosystems • provide for at least 70% protection of habitat for trout • provide for cultural and spiritual values and landscape values • sustain habitat needs of native fish and trout; • sustain flow in Neimann, Pearl and O'Connor creeks; • avoid seawater intrusion up river adjacent to any pumped bore • support habitat needs or native birds. • provide for recreational activities at flows above minimum flow, in addition to the above objectives.
	Other Uses and Values	
	<ul style="list-style-type: none"> • Human consumption. • Irrigation including for food production. • Stock and farm water supply. 	<ul style="list-style-type: none"> • Reduction of water allocations to improve water users' security of supply at an acceptable level.
(10) Neimann, Pearl and O'Connor Creeks	Instream Uses and Values	
	<ul style="list-style-type: none"> • Native fish habitat in Neimann, Pearl and O'Connor creeks downstream of 1609565 5428615 NZTM, including the regionally significant native fishery of Neimann and Pearl creeks. • Regionally significant wildlife habitat in Neimann, Pearl and O'Connor creeks. 	<ul style="list-style-type: none"> • Maintenance of spring flows during drought to protect instream and wildlife habitats and avoid seawater intrusion.
	Other Uses and Values	
	<ul style="list-style-type: none"> • Stock and farm water supply. 	<ul style="list-style-type: none"> • Reduction of water allocations to improve water users' security of supply to at an acceptable level.
(11) Wai-iti River	Instream Uses and Values	
	<ul style="list-style-type: none"> • Trout spawning. • Contribution to Waimea River flows. • Contribution to groundwater levels. 	<ul style="list-style-type: none"> • Protection of trout spawning values. • Contribution to minimum flow at Livingston Road and enhancing groundwater levels in the Wai-iti Dam Service Zone.
	Other Uses and Values	
	<ul style="list-style-type: none"> • Human consumption. • Irrigation including for food production. • Community water supply. • Stock and farm water supply. 	<ul style="list-style-type: none"> • Maintenance or improvement of users' security of supply to an acceptable level.

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³ These values and objectives for the Waimea River will be reviewed if a water augmentation scheme is commissioned or within 10 years of these provisions becoming operative, whichever is the sooner.

WATER BODY USES AND VALUES			
Water Body	Values/Uses Adversely Affected by Reduced Flows or Levels	Water Management Objectives for Water Quantity	
WITH WAIMEA COMMUNITY DAM			
<i>⁴These values and objectives apply to water body (12) from now until construction of the Waimea Community Dam commences and continue to apply once the dam commences operation.</i>			
(12) Wairoa, Roding and Lee Rivers	Instream Uses and Values		
		AFTER dam is operating	UNTIL dam is operating
	<ul style="list-style-type: none"> • Aquatic ecosystems, wildlife and aquatic plant habitat. • Native fish and trout habitat. • Contribution to Waimea River flows. • Contact and non-contact recreation, including swimming, canoeing, angling, jet boating and picnicking. • Cultural and spiritual values • Landscape values • Instream native and trout fisheries including native fish diversity and abundance, brown trout habitat, trout passage and trout spawning. 	<ul style="list-style-type: none"> • Maintenance of residual flow in the Lee River adequate to protect aquatic ecosystems and habitats, contribute sufficient water to maintain Waimea River minimum flows, allow a range of recreation activities, • Provide for landscape, cultural and spiritual values, and provide for instream values including fisheries and natural values. • In the Wairoa and Roding rivers, protection of aquatic ecosystem values (including fisheries and natural values), recreational values, contributions to Waimea River flows, and protection of landscape, cultural and spiritual values 	<ul style="list-style-type: none"> • Protection of aquatic ecosystem values including native fisheries and natural values. • Protection of recreational activities in the Wairoa, Lee and Roding Rivers. • Maintenance of contribution to Waimea River flows. • Protection of landscape, cultural and spiritual values.
	Other Uses and Values		
		AFTER dam is operating	UNTIL dam is operating
	<ul style="list-style-type: none"> • Human consumption. • Irrigation including for food production. • Community water supply. • Stock and farm water supply. • Potential value for hydro-electric power generation in the Lee River. 	<ul style="list-style-type: none"> • Maintenance of users' security of supply to a high level. 	<ul style="list-style-type: none"> • Maintenance of users' security of supply at an acceptable level.

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⁴ These values and objectives for the Waimea River will be reviewed if a water augmentation scheme is commissioned or within 10 years of these provisions becoming operative, whichever is the sooner.

WATER BODY USES AND VALUES		
Water Body	Values/Uses Adversely Affected by Reduced Flows or Levels	Water Management Objectives for Water Quantity
WITHOUT WAIMEA COMMUNITY DAM		
⁵ These values and objectives apply to water body (12) if substantial progress towards giving effect to the applicable resource consents for construction of the Waimea Community Dam has not been made by November 2019 <u>May 2020</u> .		
(12) Wairoa, Roding and Lee Rivers	Instream Uses and Values	
	<ul style="list-style-type: none"> • Aquatic ecosystems, wildlife and aquatic plant habitat. • Native fish and trout habitat. • Contribution to Waimea River flows. • Contact and non-contact recreation, including swimming, canoeing, angling, jet boating and picnicking. • Cultural and spiritual values. • Landscape values • Instream native and trout fisheries including native fish diversity and abundance, brown trout habitat, trout passage and trout spawning. 	<ul style="list-style-type: none"> • Protection of instream values including fisheries and natural values. • Protection of recreational activities in the Wairoa, Lee and Roding Rivers. • Maintenance of contribution to Waimea River flows. • Protection of landscape, cultural and spiritual values.
	Other Uses and Values	
	<ul style="list-style-type: none"> • Human consumption. • Community water supply. • Stock and farm water supply. • Potential value for hydro-electric power generation in the Lee River. 	<ul style="list-style-type: none"> • Maintenance of domestic, stock and farm water supplies.
(13) Moutere Surface Water Resources	Instream Uses and Values	
	<ul style="list-style-type: none"> • Eel habitat. • Giant kokopu habitat. 	<ul style="list-style-type: none"> • Maintenance of minimum flows to protect instream habitat, particularly for eels.
	Other Uses and Values	
	<ul style="list-style-type: none"> • Human consumption. • Irrigation including for food production. • Community water supply. • Stock and farm water supply. 	<ul style="list-style-type: none"> • Maintenance and improvement of users' security of supply to acceptable levels. • Maintenance of minimum flows for stock and domestic water supplies.
(14) Motueka River and its tributaries including the Wangapeka, Motupiko, Baton and Pearse rivers	Instream Uses and Values	
	<ul style="list-style-type: none"> • Refer to Water Conservation (Motueka River) Order 2004) • Trout fishery of national significance in the Wangapeka and Motueka Rivers below its confluence with the Wangapeka River. • Native fisheries including eel habitat and aquatic ecosystem, including, regionally significant trout spawning habitat in the east bank tributaries of the Motueka River, and regionally significant native fish habitat in Motupiko River. • Whitebait spawning habitat in coastal streams. • Braided river habitat for threatened banded dotterel in the Motueka River. • Contact and non-contact recreation, including kayaking. • Cultural, spiritual and landscape values. • Internationally significant karst values in the Baton River. • Threatened black-fronted tern nesting sites in Motueka River from Tapawera (about E2495080 N5978700) to its confluence with the Wangapeka River. 	<ul style="list-style-type: none"> • Protection of instream values particularly trout and native fisheries values. • Protection of cultural, spiritual and landscape values. • Maintenance of water flows consistent with the Water Conservation (Motueka River) Order 2004.

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⁵ These values and objectives for the Waimea River will be reviewed if a water augmentation scheme is commissioned or within 10 years of these provisions becoming operative, whichever is the sooner.

WATER BODY USES AND VALUES		
Water Body	Values/Uses Adversely Affected by Reduced Flows or Levels	Water Management Objectives for Water Quantity
	<ul style="list-style-type: none"> Threatened black-billed gull nesting sites between the Wangapeka confluence and Kohatu. Wildlife habitat, including for threatened blue ducks in the Upper Motueka, Baton, Upper Wangapeka and Rolling rivers and tributaries of the Rolling River upstream of E2474980 N5973525. 	
	Other Uses and Values	
	<ul style="list-style-type: none"> Human consumption. Irrigation including for food production. Community water supply. Stock and farm water supply. Industrial supply. Small scale hydroelectric power generation Alluvial gold resources in parts of the Baton, Ellis, Wangapeka, Sherry and Tadmor Rivers. 	<ul style="list-style-type: none"> Maintenance and improvement of users' security of supply to acceptable levels. Maintenance of minimum flows for stock and domestic water supplies.
(15) Riuwaka River including north and south branches and resurgences	Instream Uses and Values	
	<ul style="list-style-type: none"> Trout fishery of regional significance. Native fisheries habitat and aquatic ecosystem. Contact and non-contact recreation, including kayaking. Whitebait habitat in the tidal reaches. Cultural, spiritual and landscape values. 	<ul style="list-style-type: none"> Maintenance of minimum flow regime to protect instream values and aquatic habitats. Protection of cultural, spiritual and landscape values.
	Other Uses and Values	
	<ul style="list-style-type: none"> Human consumption Irrigation including for food production. Community water supply. Stock and farm water supply. 	<ul style="list-style-type: none"> Maintenance of users' security of supply at acceptable level.
(16) Buller River and tributaries including the Gowan/Te Kauparenuui, Mangles, Matakaitaki, Matiri, Maruia, Fyfe, Travers, Owen, Glenroy, Tiraumea and Tutaki	Instream Uses and Values	
	<ul style="list-style-type: none"> Refer to Water Conservation (Buller River) Order 2001. Trout fisheries and trout spawning areas of regional importance in the Buller River and its tributaries. Water Conservation Order values including for trout fisheries and trout spawning, native fisheries, blue duck and wildlife habitat, canoeing and rafting, and wild and scenic values, in the Buller and its tributary rivers, including the Gowan/Te Kauparenuui, Mangles, Tutaki, Tiraumea, Travers, Owen, Maruia, Fyfe and Matakaitaki Rivers. Native fisheries, eel and wildlife habitat, including regionally significant blue duck or water fowl habitat in the Upper Buller, Matiri, Travers, and Owen rivers and nationally significant blue duck habitat in the Fyfe River and native fisheries and wildlife habitat in the Matakaitaki River. Nationally significant karst values of the Owen River. Contact and non-contact recreation, including kayaking, rafting and whitewater recreation values on parts of the Buller River and its tributaries. Cultural, spiritual and landscape values including landscape/natural character values at: <ul style="list-style-type: none"> Blue Rock Gorge Maruia Falls Braided river habitat for threatened banded Dotterel, NZ Pied Oystercatcher and Pied Stilt 	<ul style="list-style-type: none"> Maintenance of flows and levels consistent with the National Water Conservation Order (Buller River). Protection of aquatic habitat especially blue duck and, trout spawning habitat. Protection of cultural, spiritual and landscape values.

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WATER BODY USES AND VALUES		
Water Body	Values/Uses Adversely Affected by Reduced Flows or Levels	Water Management Objectives for Water Quantity
	<ul style="list-style-type: none"> Threatened black-fronted tern and black-billed gull nesting areas in: <ul style="list-style-type: none"> Matakitaki River from confluence with Nardoo Creek to the top of Mammoth Flat (E2460830 N5911224) Matakitaki from Horse Terrace Bridge (E2456950 N5910523) to its confluence with the Six Mile Howard River/Hinemoatū downstream from its confluence with Gibbs Creek Buller River from 3 km above its confluence with Howard River/ Hinemoatū to SH63. 	<ul style="list-style-type: none"> Maintenance of flows and levels consistent with the National Water Conservation Order (Buller River). Protection of aquatic habitat especially blue duck and, trout spawning habitat. Protection of cultural, spiritual and landscape values.
	Other Uses and Values	
	<ul style="list-style-type: none"> Human consumption. Irrigation including for food production. Community water supply. Stock and farm water supply. Small scale hydroelectric power generation. Hydro-electric power generation in the Matiri River. Potential value for hydro-electric power generation in the Matakitaki River. Alluvial gold in parts of the Lower Buller, Matakitaki, Maruia, Howard/Hinemoatū, Maude, Maggie and Louis rivers. 	
(16A) Lakes Rotoiti, Rotoroa and Matiri	Instream Uses and Values	
	<ul style="list-style-type: none"> Refer to Water Conservation (Buller River) Order 2001. Native fisheries, eel and wildlife habitat, including regionally significant blue duck or water fowl habitat in Lakes Matiri, Rotoiti and Rotoroa. Regionally significant fisheries and wildlife habitats. Nationally significant aquatic vegetation values in Lakes Rotoiti and Rotoroa. Contact and non contact recreation, including kayaking. Cultural, spiritual, landscape values and natural character. Nationally significant native fishery in Lake Matiri. 	Maintenance of levels consistent with the Water Conservation (Buller River) Order 2001. <ul style="list-style-type: none"> Protection of aquatic habitat. Protection of cultural, spiritual and landscape values.
(17) Black Valley Stream	Instream Uses and Values	
	<ul style="list-style-type: none"> Aquatic habitat especially native fisheries and eels habitat and regionally significant trout spawning habitat. Landscape values. Maintains flows and water quality in Lake Rotoiti. 	<ul style="list-style-type: none"> Maintenance of flows and water quality in Lake Rotoiti. Protection of aquatic habitat.
	Other Uses and Values	
	<ul style="list-style-type: none"> Stock and farm water supply. 	
(18) Naturally occurring wetlands including Puponga, Mangarakau, and Rakopi Swamps, and Lakes Otuhie, Kaihoka and Stanley	Instream Uses and Values	
	<ul style="list-style-type: none"> Aquatic habitats including native and eel fisheries and plant habitats, including the regionally significant aquatic vegetation, aquatic fishery. Nationally significant native fishery in Mangarakau swamp. Regionally significant water fowl habitat in Kaihoka Lakes. Water quality improvement. Mitigation of flood flows. Cultural, spiritual and landscape values including landscape values at Kaihoka Lakes. Recreational values. 	<ul style="list-style-type: none"> Maintenance of existing water levels and flows to protect aquatic habitats and water quality. Provision for flood mitigation. Protection of for cultural, spiritual and landscape values.
	Other Uses and Values	
	<ul style="list-style-type: none"> Stock and farm water supply. 	

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WATER BODY USES AND VALUES		
Water Body	Values/Uses Adversely Affected by Reduced Flows or Levels	Water Management Objectives for Water Quantity
(19) Te Waikoropupu Springs	Instream Uses and Values	
	<ul style="list-style-type: none"> Internationally significant wetland values including plant, macroinvertebrate, and fauna habitat and cultural, heritage, spiritual and landscape values. 	<ul style="list-style-type: none"> Maintenance of existing water levels and flows to protect aquatic habitats and cultural, spiritual and landscape values.
	Other Uses and Values	
	<ul style="list-style-type: none"> Stock and farm water supply. 	
(20) Motupipi River	Instream Uses and Values	
	<ul style="list-style-type: none"> Aquatic habitat including regionally significant native fishery habitat. Recreational values. Cultural, spiritual and landscape values. 	<ul style="list-style-type: none"> Maintenance of water flows to protect aquatic habitat, especially native fisheries. Maintenance of flows to protect cultural, spiritual and landscape values.
	Other Uses and Values	
	<ul style="list-style-type: none"> Stock and farm water supply. 	
(21) Takaka, Anatoki, Waingaro, Aorere, Anatori, Wainui, Taupata, Burton Ale, Big, Anaweka, Turimawiwi, Cobb, Onekaka, Puramahoa and Pariwhakaoho Rivers	Instream Uses and Values	
	<ul style="list-style-type: none"> Native fishery habitat that is nationally significant in the Anatori, Anaweka, Turimawiwi, Burton Ale, Wainui and Taupata rivers, and Camp and Lagoon creeks, and regionally significant in Big and Cobb rivers. Regionally significant trout fishery in the Takaka, Cobb and Aorere Rivers and the Cobb Reservoir. Locally significant trout fisheries in the Anatoki, Waingaro, Anatori and Patarau rivers. Regionally significant whitebait habitat in the Aorere River. Eel habitat. Blue duck habitat that is nationally significant in Anatori River and regionally significant in Big, Burgoo, Anatoki and Upper Cobb rivers. Trout spawning values that are regionally significant in the Kaituna River. Contact and non-contact recreation, including kayaking. Habitat for threatened blue duck in the Upper Takaka, Fyfe and Big rivers and the rivers of the west coast south from Cape Farewell. Braided river habitat from threatened banded dotterel and pied stilt. Cultural, spiritual and landscape values including significant landscape values at around Salisbury Bridge and Devils Boots and Wainui Falls. 	<ul style="list-style-type: none"> Maintenance of water flows to protect aquatic and wildlife habitat, especially native fisheries. Maintenance of flows to protect cultural, spiritual and landscape values.
	Other Uses and Values	
	<ul style="list-style-type: none"> Stock and farm water supply. Human consumption. Irrigation including for food production. Community water supply. Regionally significant hydro-electric power generation in Cobb River. Hydro-electric power generation in Campbell Creek (Te Waikoropupu River) and Onekaka River. Alluvial gold resources in parts of the Waitui, Aorere, Kaituna and Slate rivers. 	
(22) Wetlands	Instream Uses and Values	
	<ul style="list-style-type: none"> Aquatic ecosystems, native fish and eel habitat, water fowl habitat and aquatic plant habitat. Cultural, spiritual, intrinsic and landscape values; water quality improvement function; flood mitigation function; and recreation values. 	<ul style="list-style-type: none"> Maintenance, restoration and enhancement, where appropriate, of the quality and extent of wetlands.
	Other Uses and Values	
	<ul style="list-style-type: none"> Stock and farm water supply. 	

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WATER BODY USES AND VALUES		
Water Body	Values/Uses Adversely Affected by Reduced Flows or Levels	Water Management Objectives for Water Quantity
(23) Abel Tasman National Park Rivers	Instream Uses and Values	
	<ul style="list-style-type: none"> • Native fish habitat, including for short jawed and giant kokopu, koara, dwarf galaxias and long fin eel. • Whitebait spawning habitat. • Water fowl habitat. • Cultural, spiritual and landscape values. 	<ul style="list-style-type: none"> • Maintenance, restoration and enhancement, where appropriate, of the quality and extent of wetlands.
(24) Coastal Water	Instream Uses and Values	
	<ul style="list-style-type: none"> • Aquatic ecosystems, marine fauna and aquatic plant habitat. • Recreation value. • Cultural, spiritual and landscape values. 	<ul style="list-style-type: none"> • Protection of aquatic habitat, and cultural, spiritual and landscape values. • Protection of recreational values.
	Other Uses and Values	
	<ul style="list-style-type: none"> • Use by ships and offshore installations, ballast for ships, fish processing and aquaculture. 	
Notes:		
(1)	The tributaries of each of the rivers listed are also included within the management objectives for that river as appropriate.	
(2)	The Council also maintains a database identifying the particular uses and values and their significance, of water bodies and parts of water bodies in the District. The database which is not yet complete and still under development will complement this schedule by giving the site-specific information at a much more detailed level than the overview provided here.	
(3)	The uses and values listed in the schedule are not ranked in order of value or importance.	

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Schedule 30B: Waimea Water Quality			
WATER BODY USES AND VALUES			
Water Body	Values/Uses Adversely Affected by Reduced Water Quality	Water Management Objectives for Water Quality	
WITH WAIMEA COMMUNITY DAM			
⁶ These values and objectives apply from now until construction of the Waimea Community Dam commences and continue to apply once the dam commences operation.			
		After dam is operating	Until dam is operating
(2) Upper Confined Aquifer (3) Appleby Gravel Aquifer (4) Lower Confined Aquifer	<ul style="list-style-type: none"> Human consumption Aquatic ecosystems Irrigation and food production Industrial uses Community water supply Stock and farm water supply. 	Water quality that: <ul style="list-style-type: none"> has low risk for drinking water provides for existing aquatic ecosystems in coastal springs meets the needs of abstractive water users 	
(9) Waimea River	<ul style="list-style-type: none"> Aquatic ecosystems Human consumption Recreational values Cultural and spiritual Stock and farm water supply Irrigation and food production 	Water quality that meets the needs of: <ul style="list-style-type: none"> aquatic organisms including native fish and trout, recreational water users, abstractive water users including irrigation of food crops and stock water supplies 	Except when step three rationing or water shortage directions are imposed water quality that meets the needs of: <ul style="list-style-type: none"> aquatic organisms including native fish and trout, recreational water users, abstractive water users including irrigation of food crops and stock water supplies
(10) Neimann, Pearl and O'Connor Creeks	<ul style="list-style-type: none"> Aquatic ecosystems 	Water quality that <ul style="list-style-type: none"> provides for existing aquatic ecosystems in coastal springs 	
(12) Wairoa, Roding and Lee Rivers	<ul style="list-style-type: none"> Aquatic ecosystems Human consumption Recreation Stock and farm water supply Irrigation 	Water quality that meets the needs of: <ul style="list-style-type: none"> aquatic organisms including native fish and trout, recreational water users, abstractive water users including irrigation of food crops and stock water supplies 	
(13) Coastal Water in the Waimea Inlet	<ul style="list-style-type: none"> Aquatic ecosystems Recreation Landscape values Cultural and spiritual values Food gathering 	Water quality that meets the needs of: <ul style="list-style-type: none"> aquatic organisms, recreational water users consumption of shellfish amenity and landscape values 	
WITHOUT WAIMEA COMMUNITY DAM			
These values and objectives apply if substantial progress towards giving effect to the relevant resource consents for construction of the Waimea Community Dam has not been made by 1 November 2019 ²⁰²⁰ .			
(2) Upper Confined Aquifer (3) Appleby Gravel Aquifer (4) Lower Confined Aquifer	<ul style="list-style-type: none"> Aquatic ecosystems Human consumption Irrigation and food production Industrial uses Community water supply Stock and farm water supply 	Water quality that: <ul style="list-style-type: none"> has low risk for drinking water provides for existing aquatic ecosystems in coastal springs meets the needs of abstractive water users 	
(9) Waimea River	<ul style="list-style-type: none"> Aquatic ecosystems Human consumption Recreational values Cultural and spiritual values Stock and farm water supply. Irrigation and food production 	Except when step three rationing or water shortage directions are imposed, water quality that meets the needs of: <ul style="list-style-type: none"> aquatic organisms including native fish and trout, recreational water users, abstractive water users including irrigation of food crops and stock water supplies 	

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⁶ These values and objectives for the Waimea River will be reviewed if a water augmentation scheme is commissioned or within 10 years of these provisions becoming operative, whichever is the sooner.

WATER BODY USES AND VALUES		
Water Body	Values/Uses Adversely Affected by Reduced Water Quality	Water Management Objectives for Water Quality
(10) Neimann, Pearl and O'Connor Creeks	<ul style="list-style-type: none"> • Aquatic ecosystems 	Water quality that: <ul style="list-style-type: none"> • provides for existing aquatic ecosystems in coastal springs
(12) Wairoa, Roding and Lee Rivers	<ul style="list-style-type: none"> • Aquatic ecosystems • Human consumption • Recreation • Stock and farm water supply. • Irrigation and food production 	Water quality that meets the needs of: <ul style="list-style-type: none"> • aquatic organisms including native fish and trout, • recreational water users, • abstractive water users including irrigation of food crops and stock water supplies
(13) Coastal water in the Waimea Inlet	<ul style="list-style-type: none"> • Aquatic ecosystems • Recreation • Landscape values • Cultural and spiritual values • Food gathering 	Water quality that meets the needs of: <ul style="list-style-type: none"> • aquatic organisms, • recreational water users, • consumption of shellfish • amenity and landscape values

Schedule of Amendments

CHAPTER 31: RULES FOR WATER TAKE, DIVERSION, USE OR DAMMING

31.1 WATER TAKE, DIVERSION, USE OR DAMMING FROM FRESH OR COASTAL WATER

Refer to Policy sets 27.3.3, 27.5.3, 30.1.3, 30.2.3, 30.3.3.

Refer to Rule sections 16.12, 28.2, 28.5, 30.1, 31.2, 36.2, 36.4.

31.1.1 Scope of Section

[Unamended text omitted]

31.1.2 Water Take, Diversion and Use

[Unamended text omitted]

31.1.2.2 Controlled Activities (Take, Diversion or Use from Fresh or Inshore Coastal Water subject to Existing Permit due for Renewal)

Except as provided by rule 31.1.2.3A, the taking, diversion or use of water from surface water, aquifers and inshore coastal water that does not comply with the conditions of rule 31.1.2.1 is a controlled activity, if it complies with the following conditions:

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- (a) The applicant for the water taking and use is the holder of a water permit that is due for renewal and section 124 applies, except:
- (i) where the permit has been transferred for a limited period from another point of take in the same management zone under the provisions of rule 31.1.7.1 or 31.1.7.2; or
 - (ii) the permit has been issued for taking and use of water that has been reserved for the purposes set out in Schedule 31D under the provisions of Policy 30.2.3.6.

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- (b) Except as provided in condition (c), for any rationing of consumptive water uses required to maintain minimum water flows or levels specified in Schedule 31C, reduction in usage comprises a series of cuts in authorised usage from the maximum weekly authorised, as shown in Figure 31.1C.

Figure 31.1C: Rationing Steps

WATER MANAGEMENT ZONE	RATIONING STEPS
All water management zones except for the Riwaka	Step 1 – Allocation less 20% = (quantity) m ³ per week Step 2 – Allocation less 35% = (quantity) m ³ per week Step 3 – Allocation less 50% = (quantity) m ³ per week
Riwaka	Step 1 – Allocation less 10% = (quantity) m ³ per week Step 2 – Allocation less 25% = (quantity) m ³ per week Step 3 – Allocation less 40% = (quantity) m ³ per week Rationing in the Riwaka Zone will be through rostering implemented by the water user committee according to the staged reductions specified in Schedule 31C.

<p>Reservoir, Waimea West, Golden Hills, <u>Golden Hills with Waimea Community Dam</u>, Delta, Hope and Eastern Hills, Upper Catchments and Upper and Lower Confined Aquifer</p>	<p>Where there is no Waimea Community Dam or until the Waimea Community Dam commences operation for permits not affiliated to the Waimea Community Dam: In addition to Steps 1 to 3: Step 4 – Allocation less 70% = (quantity) m³ per week</p> <p>After the Waimea Community Dam commences operation for permits not affiliated to the Waimea Community Dam: Step 1 – Allocation less 20% = (quantity) m³ per week Step 2 – Allocation less 50% = (quantity) m³ per week Step 3 – Cease Take</p>	<p>C56 9/13 Op 9/16</p>
<p>Wai-iti</p>	<p>Rationing in the Wai-iti Dam Service Zone will be through rostering implemented by the Wai-iti Zone Water User Committee in accordance with the trigger and low flow specified in Schedule 31C.</p>	
<p>Notes:</p> <p>(1) If minimum water flows or levels given in Schedule 31C decrease beyond the provisions of these rationing steps, the Council may issue water shortage directions in accordance with Policy 30.2.3.1.</p> <p>(2) Where there is no Waimea Community Dam or until the Waimea Community Dam commences operation for permits not affiliated to the Waimea Community Dam, progression from steps 1 to 4 including cease take may be at the discretion of the Council during times of low water flows or levels, in consultation with current water user committees or as specified in a water permit. Step 1 rationing may be introduced once the specified trigger for rationing (see Schedule 31C) is reached. The need for steps 2, 3 and 4 will be subject to the extent and duration of the low flow period.</p> <p>(3) Where there is no Waimea Community Dam or until the Waimea Community Dam commences operation for permits not affiliated to the Waimea Community Dam, rationing beyond Step 4 will be imposed through water shortage directions by Council where it is necessary to avoid saltwater intrusion, or to protect minimum water levels or flows as specified in Schedule 31C and according to the priorities specified in policy 30.2.3.1.</p>		<p>C56 9/13 Op 9/16</p>

Community Water Supply Rationing

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- (c) For any taking and use of water for community water supply, any rationing required to maintain minimum water flows or levels specified in Schedule 31C, comprises the following series of cuts in authorised usage except for that required to provide for maintenance of human health and animal welfare from the maximum weekly authorised:
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- (i) Either as listed in Figure 31.1C, but not including any step 4:
 - or
 - (ii) As follows:
 - Step 1: Reduce usage by 10 percent compared with the usage of the equivalent week averaged over the previous eight years.
 - Step 2: Reduce actual usage after implementing Step 1 by a further 7.5 percent.
 - Step 3: Reduce actual usage after implementing Step 2 by a further 7.5 percent.

Whichever of (i) or (ii) is the greater reduction in actual water use, provided that after Step 3, water shortage directions as described in policy 30.2.3.1 and as shown in Schedule 31C may further limit amount of water abstracted.
- (d) Except as provided for in (e) or (f), the amount taken and used for irrigation of field crops is the least of:
- (i) the relevant rate of irrigation for the land that has the soil series in the relevant irrigation rate class as given in Figure 31.1D and as shown on the planning maps; or
 - (ii) any lesser rate applied for; or
 - (iii) the level of bona fide use; or
 - (iv) the sustainable yield of the bore; or

- (v) the quantity specified on the permit being renewed.

Figure 31.1D: Irrigation Rate Classes

<u>SOIL SERIES IN IRRIGATION RATE CLASS TYPES</u>	<u>RATE (cubic metres/ha/week)</u>	<u>RATE (millimetres/week)</u>
<u>Braeburn</u>	<u>250</u>	<u>25</u>
<u>Dovedale</u>	<u>300</u>	<u>30</u>
Mapua <u>Motukarara</u> and Rosedale <u>Soils</u>	190	19
<u>Appleby, Braeburn, Brightwater, Lee and Mahana Soils</u>	<u>250</u>	<u>25</u>
<u>Waimea</u>	<u>300</u>	<u>30</u>
<u>Cotterell, Richmond and Wakatu Soils</u>	270	27
<u>Barnicoat, Dovedale, Riwaka, Sherry and Waimea Soils</u>	300	30
<u>Eve, Hau, Motupiko, Ranzau, Redwood Motupiko, Hau and Wantwood Soils</u>	350	35

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- (e) The amount taken in the Wai-iti Dam Service Zone following commencement of the discharge from the Wai-iti Community Water Augmentation Scheme, and provided the scheme continues to be in operation, is:

- (i) no more than the quantity able to be yielded from the bore where the take is from groundwater; and
 - (ii) no more than the quantity specified on the permit being renewed; or
- [Condition (e)(iii) deleted]*
- (iv) any lesser rate applied for.

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- (f) For the taking and using of water where there is no Water Supply Agreement in the Delta, Golden Hills, Waimea West, Redwood, Reservoir, Hope, Eastern Hills, Upper Catchments and Upper and Lower Confined Aquifer Zones:

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- (i) the amount taken and used for irrigation is bona fide use calculated as the least of the maximum weekly water use in any one week within the 10 years preceding 27 April 2013 which will be further reduced according to:
 - (a) the area for which there is an actual record of irrigation during the 10-year period;
 - (b) irrigation equipment for that area continuing to be available;
 - (c) the soil type as specified in Figure 31.1D;
 - (d) crop type as specified in Figure 31.1DA for any irrigation existing at the time of application, while also taking into account crop rotations within the 10-year period;
- (ii) the amount taken and used for other uses except for community water ~~supplies~~ supply is the least of:
 - (a) the maximum weekly water use in any one week within the 10 years preceding 27 April 2013; or
 - (b) any lesser rate applied for; or
 - (c) the sustainable yield of the bore; or
 - (d) the quantity specified on the permit being renewed;
 - (e) where the use also utilises water supplied from an urban or rural water supply scheme, the combination of the least or (a) to (d) plus the quantity of water supplied by the scheme

- (iii) the amount taken and used for community water ~~supplies~~ supply is:
 - (a) the sustainable yield of the bore; or
 - (b) the quantity specified on the permit being renewed; or
 - (c) any lesser rate applied for.

Figure 31.1DA: Irrigation Rates by Crop Type

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CROP TYPES	RATE (cubic metres/ha/week)	RATE (millimetres/week)
Apples, Pears, Nashi, Hazelnuts	350	35
Grapes, Olives	140	14
Kiwifruit, Feijoa, Chestnut, Plant Nurseries	350	35
Berryfruit, Tobacco, Hemp, Hops, Peonies, Essential oil crops	290	29
Stonefruit, Almonds, Walnuts	290	29
Gardening, cool and warm season vegetable growing, protected floriculture	350	35
Pasture	350	35
Any other irrigated land use	300	30

[Unamended text omitted]

A resource consent is required, and may include conditions on the following matters over which Council has reserved control:

- (1) The quantity, rate and timing of the take not otherwise specified above, including rates of take, rostering or rationing steps required to implement conditions (b), (c) and (d) and (f), and any other requirements to maintain any minimum flow or level given in Schedule 31C. C47 4/13
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- (2) For applications to take and use for community water ~~supplies~~ supply: C47 4/13
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 - (i) provisions for demand reduction to reasonable and justifiable levels during rationing in drought periods, through physical restriction or pricing, or end-use efficiencies via management or technology; and C56 9/15
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 - (ii) provisions to ensure that restrictions necessary to comply with water shortage directions under policy 30.2.3.1 can be met, or to give effect to clause (b) of policy 30.2.3.13 in respect of the exercise of resource consents for community water supply where under policy 30.2.3.13A there is not substantial progress made towards giving effect to the relevant resource consents for construction of the Waimea Community Dam.

[Unamended text omitted]

31.1.2.3 Controlled Activities (Take, Diversion or Use within Allocation Limits)

Except as provided by rule 31.1.2.3A, the taking, diversion or use of water that does not comply with the conditions of rule 31.1.2.1 or 31.1.2.2 is a controlled activity, if it complies with the following conditions: C47 4/13
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- (a) The water is taken or diverted in a water management zone with an allocation limit specified in Figure 31.1E or target specified in Figure ~~31.1E~~ or 31.1EA.
- (b) Subject to condition (c), the amount of water taken or diverted on its own or in combination with other authorised takes does not exceed the relevant allocation limit or target specified in Figure 31.1E or Figure 31.1EA.

- (c) Where the water was being taken or diverted and used for farm dairy wash-down and milk cooling purposes before 3 November 2001 in any water management zone, the relevant allocation limit specified in Figure 31.1E does not apply.

Figure 31.1E: Allocation Limits for Freshwater Takes

WATER MANAGEMENT ZONE	ALLOCATION LIMIT (litres per second)	ALLOCATION LIMIT (m ³ per year)
Wai-iti Zones		
Wai-iti Dam Service Zone following commencement of the discharge from the Wai-iti Community Water Augmentation Scheme, provided the scheme is in operation.	515 l/sec	
Wai-iti Zone (not including the Wai-iti Dam Service Zone)	<i>Subject to condition 31.1.2.3(d)</i>	
Motueka/Riwaka Plains Zones		
Central Plains Zone	795	
Te Matu Zone	344	
King Edwards	135	
Umukuri – Groundwater	133	
– Brooklyn River	62	
Swamp – Groundwater	73	
– Little Sydney River	31	
Hau Plains	228 <i>Subject to condition 31.1.2.3(d)(i)</i>	
Riwaka – Groundwater	30	
– Surface Water	170	
Moutere Zones		
Moutere Coastal Groundwater	41	448,822
Moutere Eastern Groundwater	116	1,269,838
Moutere Southern Groundwater	48	525,450
Moutere Western Groundwater	52	569,238
Upper Motueka Zones		
Baton	54	
Stanley Brook	1.05	
Dovedale - Groundwater (to 8 metres)	13.2	
- Surface water	26.8	
Middle Motueka Zone	550	
Wangapeka	265	
Motupiko	85	
Rainy Zone	25	
Tadmor (total augmented flow)	56	
Tapawera	314	
Glen Rae	300	
Abel Tasman Zones		
Marahau Plains	43	
Marahau Coastal	1.6	
Otuwhero	29	
Holyoake	21	

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Notes:	
(1)	For any zone or water body within a zone not listed here, rule 31.1.2.5 applies.
(2)	Allocation limits in litres per second for takes for consumption use are for the period November to April. They are calculated as the sum of weekly permit allocations, and refer to surface water or groundwater takes, but do not include takes from storage (see rule 31.1.2.4). Annual allocation limits have also been established for the Moutere Groundwater Zones and both limits must be complied with.
(3)	The Tadmor limit includes the 50 litres per second allocated to the Tadmor Valley Irrigation Society from the combined Tadmor/Hope diversion flow.
(4)	The allocation limits do not apply to takes subject to condition (c).

Figure 31.1EA: Allocation Targets for Freshwater Takes (Waimea Zones) where there is no Waimea Community Dam

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WATER MANAGEMENT ZONE	ALLOCATION TARGETS (litres per second)
Waimea Zones	
Upper Catchments	0
Upper Confined Aquifer	107
Lower Confined Aquifer	205
Delta	420
Golden Hills	90
Waimea West	100
Reservoir	400
Hope and Eastern Hills	70
Redwoods	1.86
Notes:	
(1) The targets in Figure 31.1EA will become limits when at some time in the future the total sum of consented abstractions is equal to or less than the listed quantities (l/s) for each water management zone.	
(2) <u>These zones are shown on the planning map applying where there is no Waimea Community Dam (Map 232A)</u>	

- (d) The water is not taken during November to April (inclusive) from:
- (i) the coastal margin of the Hau Plains Zone;
 - (ii) the coastal margin of the Delta Zone;
 - (iii) the Wai-iti Zone;
 - (iv) the coastal margin of the Lower Confined Aquifer Zone.

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[Unamended text omitted]

A resource consent is required, and may include conditions on the following matters over which Council has reserved control:

- (1) The quantity, rate and timing of the take not otherwise specified above including rates of take, rostering or rationing steps required to implement condition (f) and any other requirements to maintain any minimum flow given in Schedule 31C.
- (2) For applications to take and use for community water supply:
 - (i) provisions for demand reduction to reasonable and justifiable levels during rationing in drought periods, through physical restriction or pricing, or end-use efficiencies via management or technology; and
 - (ii) provisions to ensure that restrictions necessary to comply with water shortage directions under policies 30.2.3.1 and 30.2.3.2 can be met, or to give effect to clause (b) of policy 30.2.3.13 in respect of the exercise of resource consents for community water supply where under policy 30.2.3.13A there is not substantial progress made towards giving effect to the relevant resource consents for construction of the Waimea Community Dam.

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- (3) Requirements for nutrient management as specified in Schedule 31E, and review of conditions to implement requirements for nutrient management plans when Schedule 31E is completed.

[Unamended text omitted]

31.1.2.3A Controlled Activities (Take, Diversion or Use if there is a Waimea Community Dam)

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The taking, diversion or use of water that does not comply with the conditions of rule 31.1.2.1 is a controlled activity, if it complies with the following conditions:

- (a) The permit granted under this rule is affiliated to the Waimea Community Dam. C56 9/15
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- (aa) The permit granted under this rule is affiliated to the Waimea Community Dam and the applicant for the taking and use is the holder of a water permit in the Waimea Plains Zones that is due for renewal and section 124 applies.
- (b) The amount of water allocated is no more than the equivalent amount which on its own or in combination with other authorised takes would not exceed the sustainable yield of the bore (where it is a take from groundwater) and: C47 4/13
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- (i) does not exceed the relevant allocation limit specified in Figure 31.1FA Table ~~(ii)~~2; and
- (ii) subject to (iii), is used at no more than the relevant rate given in Figure 31.1D ~~or Figure 31.1DA~~, for irrigation use; and
- (iii) until the dam is operational, water use is an amount authorised in an applicable water permit as at 27 April 2013 provided that:
- a) the amount of water used does not increase above the maximum amount taken in any one week between 2003 and 2013; and
- b) any rationing imposed applies to the amount of water allocated in that permit.
- (c) The taking, diversion, and use of water for irrigation is the subject of an irrigation management plan that is prepared and maintained by the permit holder, and made available upon request ~~p~~to the Council.

[Unamended text omitted]

A resource consent is required, and may include conditions on the following matters over which Council has reserved control: C47 4/13
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- (1A) Affiliation to the Waimea Community Dam and exercise of the permit in relation to the operation of the Waimea Community Dam and release of water from the dam to maintain flows as specified in Schedule 31C Table 1A. C56 9/15
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- (1) The quantity, rate and timing of the take not otherwise specified above including rates of take, rostering or rationing steps required to maintain any minimum flow or Waimea Community Dam reservoir storage given in Schedule 31C or to avoid localised depletion of the water resource, including any transitional provisions for water use and rationing that apply until the dam is operational. C56 9/15
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(1B) For applications to take and use for community water supply:-

- (i) provisions for demand reduction to reasonable and justifiable levels during rationing in drought periods, through physical restriction or pricing, or end-use efficiencies via management or technology; and

31.1.2.5 Restricted Discretionary Activities (Take, Diversion or Use from Fresh or Inshore Coastal Water, or Storage)

(ii) provisions to ensure that restrictions necessary to comply with water shortage directions under policies 30.2.3.1 and 30.2.3.2 can be met, or to give effect to clause (b) of policy 30.2.3.13 in respect of the exercise of resource consents for community water supply where under policy 30.2.3.13A there is not substantial progress made towards giving effect to the relevant resource consents for construction of the Waimea Community Dam.

[Unamended text omitted]

31.1.2.5 Restricted Discretionary Activities (Take, Diversion or Use from Fresh or Inshore Coastal Water, or Storage)
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The taking, diversion or use of water that does not comply with the conditions of rule 31.1.2.1, 31.1.2.2, 31.1.2.3, 31.1.2.3A, or 31.1.2.4, is a restricted discretionary activity, if it complies with the following conditions:

- (a) The total amount taken, either by itself or in combination with other authorised water takes in the relevant water management zone does not exceed the total allocation limit for the relevant zone as shown in Figure 31.1F or in Figure 31.1FA.

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Figure 31.1F: Allocation Limits for Coastal Water and Freshwater Takes

WATER MANAGEMENT ZONE	ALLOCATION LIMIT (litres per second)	ALLOCATION LIMIT (m ³ per year)
Wai-iti Zones		
Wai-iti Dam Service Zone following commencement of the discharge from the Wai-iti Community Water Augmentation Scheme, provided the scheme is in operation.	515 l/sec	
Wai-iti Zone (not including the Wai-iti Dam Service Zone.)	<i>Subject to condition 31.1.2.5(c)</i>	
Motueka/Riwaka Plains Zones		
Central Plains Zone	795	
Te Matu Zone	344	
King Edwards	135	
Umukuri – Groundwater	133	
– Brooklyn River	62	
Swamp – Groundwater	73	
– Little Sydney River	31	
Hau Plains	228	
	<i>Subject to condition 31.1.2.5(c)(ii)</i>	
Riwaka – Groundwater	30	
– Surface Water	170	
Moutere Zones		
Moutere Coastal Groundwater	41	448,822
Moutere Eastern Groundwater	116	1,269,838
Moutere Southern Groundwater	48	525,450
Moutere Western Groundwater	52	569,238

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31.1.2.5 Restricted Discretionary Activities (Take, Diversion or Use from Fresh or Inshore Coastal Water, or Storage)

Upper Motueka Zones		
Baton	54	C24 12/08 Op 8/14
Stanley Brook	1.05	
Dovedale - Groundwater (to 8 metres)	13.2	
- Surface water	26.8	
Middle Motueka Zone	550	C24 12/08 Op 8/14
Wangapeka	265	
Motupiko	85	C52 1/15 Op 7/17
Rainy Zone	25	
Tadmor (total augmented flow)	56	C24 12/08 Op 8/14
Tapawera	314	
Glen Rae	300	
Abel Tasman Zones		
Marahau Plains	43	C24 12/08 Op 8/14
Marahau Coastal	1.6	
Otuwhero	29	
Holyoake	21	
All Other Zones	No limit but refer to policies 30.1.3.12 to 30.1.3.16	
Inshore Coastal Water	No limit	
Notes:		
(1) Allocation limits in litres per second for consumptive use are for the period November to April. They are calculated as the sum of weekly permit allocations, and refer to surface water or groundwater takes, but do not include takes from storage (see rule 31.1.2.4). Annual allocation limits have also been established for the Moutere Groundwater Zones and both limits must be complied with.		
(2) The Tadmor limit includes the 50 litres per second allocated to the Tadmor Valley Irrigation Society from the combined Tadmor/Hope diversion flow.		
(3) The allocation limits do not apply to any diversion, including any associated with the generation of hydro-electric power.		

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Figure 31.1FA: Allocation Targets and Limits for Freshwater Takes (Waimea Zones)

Table 1		
WATER MANAGEMENT ZONE	ALLOCATION LIMIT OR TARGET⁽¹⁾	
		(litres per second)
Either Table 1:		
Waimea Plains Zones (Note 5): These limits or targets applying where the permit granted under this rule is not affiliated to the Waimea Community Dam		
Upper Catchments	0 See Note (4)	
Upper Confined Aquifer	107	
Lower Confined Aquifer	205	
Delta	420	
Golden Hills <u>with Waimea Community Dam</u>	906 7	
Waimea West	100	
Reservoir	400	
Hope and Eastern Hills	70	
Redwoods <u>with Waimea Community Dam</u>	1,861 3	
Table 2		
WATER MANAGEMENT ZONE	ALLOCATION LIMIT⁽¹⁾	
		(litres per second)
Or Table 2:		
Waimea Plains Zones (Note 5): These limits applying where the permit granted under this rule is affiliated to the Waimea Community Dam		

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Appleby Gravel	3320	C47 4/13 Op 9/15
Lower Confined Aquifer	250	
Upper Confined Aquifer	200	
Hope	82	
Redwood	30	
Upper Catchments	<i>See Note (2) and (4)</i>	C56 9/15 Op 9/16
Eastern Hill	0	
Notes (for both tables):		
(1) Allocation targets and limits in litres per second for consumptive use are for the period November to April. They are calculated as the sum of weekly permit allocations and refer to surface water or groundwater takes.		
<u>(1A) The zones in Table 1 are shown on the planning map applying where there is the Waimea Community Dam and to permits not affiliated and to affiliated permits before the dam commences operation (Map 232B)</u>		
<u>(1B) The zones in Table 2 are shown on the planning map applying where there is the Waimea Community Dam and to affiliated permits after the dam commences operation (Map 232C)</u>		
(2) Allocations <u>for permits granted in the Upper Catchments</u> this zone will be subtracted from the total available in the Appleby Gravels Zone.		
(3) The targets in Figure 31.1FA will become limits when at some time in the future the total sum of consented abstractions is equal to or less than the listed quantities (l/s) for each water management zone.		
(4) The target or limit for the Upper Catchments Zone does not apply to any application for water associated with the construction of the Waimea Community Dam.		

[Unamended text omitted]

A resource consent is required. Consent may be refused or conditions imposed, only in respect of the following matters to which Council has restricted its discretion:

- | | | |
|-----|---|--|
| (1) | The quantity, rate and timing of the take not otherwise specified above, including rates of take, rostering or rationing steps and any other requirements to maintain any minimum flow given in Schedule 31C. | C56 9/15
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| (2) | For applications to take <u>and use</u> for community water supply: <ul style="list-style-type: none"> <u>(i)</u> provisions for demand reduction to reasonable and justifiable levels during rationing in drought periods, through physical restriction or pricing, or end-use efficiencies via management or technology; <u>(ii)</u> and provisions to ensure that restrictions necessary to comply with water shortage directions under policy 30.2.3.1 can be met, <u>or to give effect to policy clause (b) of 30.2.3.13 in respect of the exercise of resource consents for community water supply where under policy 30.2.3.13A there is not substantial progress made towards giving effect to the relevant resource consents for construction of the Waimea Community Dam.</u> | C47 4/13
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| (3) | Requirements for nutrient management as specified in Schedule 31E, and review of conditions to implement requirements for nutrient management plans when Schedule 31E is completed. | C47 4/13
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[Unamended text omitted]

SCHEDULES**Schedule 31A: Duration of Resource Consents**

Refer to Rules 31.1.2.2, 31.1.2.3, 31.1.2.4 and 31.1.2.5.

The Council will consider the following schedule when determining the duration of any permit to take or divert water. Where appropriate, the duration of the consent will be consistent with the next common expiry date for the relevant water management as shown in this schedule.

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EXPIRY DATES	
Water Management Zones	Expiry Dates
Motueka/Riwaka Plains	
Central Plains	31 May 2015 31 May 2033
King Edward	31 May 2015 31 May 2030
Hau Plains	31 May 2015 31 May 2030
Riwaka	31 May 2014 31 May 2029
Swamp/Umukuri	31 May 2014 31 May 2029
Moutere	
Moutere Coastal, Eastern, Southern and Western Groundwater	31 May 2013 31 May 2027
Moutere Surface Water	31 May 2013 31 May 2028
Either	
(i) Waimea Plains	
These dates apply to any permit not affiliated to the Waimea Community Dam or to any permit where there is no Waimea Community Dam	
Upper Catchments (Wairoa, Lee and Roding rivers)	31 May 2038 <u>November 2039</u>
Hope and Eastern Hills	31 May 2038 <u>November 2039</u>
Lower Confined Aquifer	31 May 2038 <u>November 2039</u>
Delta and Redwoods	31 May 2038 <u>November 2039</u>
Golden Hills	31 May 2038 <u>November 2039</u>
Waimea West	31 May 2038 <u>November 2039</u>
Upper Confined Aquifer	31 May 2038 <u>November 2039</u>
Reservoir	31 May 2038 <u>November 2039</u>

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EXPIRY DATES	
Water Management Zones	Expiry Dates
Or	
(ii) Waimea Plains	
These provisions apply to any permit affiliated to the Waimea Community Dam	
Appleby Gravels	Refer Schedule 31AA(3)
Lower Confined Aquifer	
Upper Confined Aquifer	
Hope	
Eastern Hills	
Redwoods	
Upper Catchments	

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EXPIRY DATES	
Water Management Zones	Expiry Dates
Wai-iti	
Wai-iti Dam Service	Refer Schedule 31AA(3)
Wai-iti	31 May 2016 31 May 2031
Marahau/Abel Tasman	31 May 2015 31 May 2033
Takaka/Aorere/West Coast	31 May 2019 31 May 2034
Middle Motueka	31 May 2018 31 May 2033
Upper Motueka (all zones)	31 May 2019 31 May 2034
Upper Buller	31 May 2020 31 May 2035
Hope Aquifer	31 May 2011 31 May 2028

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If an application is made up to three years before the next due date for the relevant zone, the Council may issue the permit for the following expiry date.

Note:

Where no expiry date is specified, the duration of the consent will be a matter for Council's discretion.

[Unamended text (Schedules 31AA and 31B) omitted]

Schedule 31C: Triggers for Rationing and Minimum Flows

Refer to Rules 31.1.2.2, 31.1.2.3, 31.1.2.3A, 31.1.2.5, 31.1.4.2 and 31.1.4.3

The Council will ~~take into account~~ apply the following schedule when determining conditions on resource consents for rationing and rostering.

Table 1 MINIMUM FLOWS AND TRIGGERS FOR RATIONING				
Water Management Zone	Location	Minimum Flow (l/sec)	Trigger for First Rationing Step (l/sec)	Trigger for Consultation (l/sec)
Wai-iti Zones				
Wai-iti and Wai-iti Dam Service	At Livingstone Road	None (Nov – Apr) 400 (May – Oct)	100 l/sec	
[Triggers for Waimea zones deleted]				
Motueka/Riwaka Plains Zones				
Te Matu	Coastal monitoring bores WWD 2510 E2512203 N6010300 and WWD 2629 E2510407 N6014058			0.4 millisiemens per centimetre
	Motueka River flow at Woodmans Bend			5650
Riwaka	Hickmotts	615 (May – Oct) 400 (Nov – Apr)	615	1015
Umukuri (Brooklyn River takes only)	Andersons Bridge	30	120	120
Swamp (Little Sydney River takes only)	SH 60 bridge north of Riwaka	15	60	60
Hau Plains	Any used bore in the zone		0.4 millisiemens per centimetre in any used bore	
Middle Motueka Zone				
Between Woodmans Bend and Woodstock	Woodmans Bend	Subject to WCO		
Upper Motueka Zone				
Motupiko, Rainy, Tapawera, Glen Rae, Baton, Wangapeka	Woodstock	Subject to WCO	7000	7500
Tadmor River	Mudstone Weir	Subject to WCO	128	
Hope River	Downstream of diversion weir	20	None	
Rainy	Christies	203	250	400
Motupiko	Christies		250	400
Tapawera, Glen Rae	Motueka River, above the Wangapeka Confluence		1400	
Moutere Zones				
Moutere Surface Water	None	A visible residual flow	-	
Moutere Coastal Groundwater	Bore No. WWD 8110 Weka Rd, E2512161.92 N6002268.77	N/A	12 metres above mean sea level (NVD55)	
Moutere Eastern Groundwater	None	N/A	None	
Moutere Southern Groundwater	Bore No. WWD 8109 Stringer Rd, E2516096.79 N5992128.65	N/A	10 metres above mean sea level (NVD55)	
Moutere Western Groundwater	Palmer's Bore No. WWD 8435	-	Groundwater level - 0 metres above mean sea level (NVD55)	
Powley Creek	Map ref N27:0680-0633	2	2	
Notes: (1) Water user committees will be consulted when rationing triggers are reached. Committees may adopt rostering or other measures to maintain minimum river flows in order to avoid rationing, particularly for the Little Sydney, Riuwaka, Brooklyn and Tadmor rivers.				

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(2)	The saltwater intrusion trigger for rationing in the Hau Plains Zone is any used domestic bore where there is no alternative water supply provided.
(3)	The minimum flows for Middle and Upper Motueka zones will be consistent with the Water Conservation Order for the Motueka River.
(4)	Rationing triggers for the Eastern Groundwater Zone are to be reviewed within three years.
(5)	The Council will implement rationing to comply with the Motueka WCO flow extraction limits of 12% above Woodstock, and 6% for Wangapeka above Walter Peak. It will also implement rationing to protect river flows in contributing tributaries.
(6)	In the Rainy and Motupiko zones, Step 2 rationing will commence at 200 litres per second and Step 3 at 180 litres per second.
(7)	If water flows or levels decrease below the minimum flows or levels specified in this schedule and the provisions of the rationing steps given in Figure 31.1C are exceeded, the Council may issue water shortage directions in accordance with Policy 30.2.3.1.
(8)	The May to October minimum flow for the Riuwaka River only applies to the management of water takes for frost protection.

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Flows specified in all tables in this schedule refer to unmodified flows except for the Tadmor River at Mudstone, the Wai-iti River at Livingston Rd in Table 1 and the Waimea River in Table 1A.

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Table 1A MINIMUM FLOWS AND TRIGGERS FOR RATIONING: WAIMEA PLAINS ZONES – WAIMEA COMMUNITY DAM				
This rationing and flow regime applies to any water permits affiliated to the Waimea Community Dam from the time that the Dam commences operation				
Zone	Location	Trigger Flow (litres per second)		
		Minimum Flow	Trigger for First Rationing Step	Trigger for Consultation (l/sec)
Lee River	Below dam at Meads bridge NZMS 260:N27 NZTM 1613293, 5415954	510		
Roding River	NZMS 260:N27 NZTM 1619901, 5419952	100		
Appleby Gravel Lower Confined Upper Confined Hope and Eastern Hills Upper Catchments	Waimea River anywhere	1100 Or 800 if a drought exceeds 1-in-40 year return period	Reservoir storage is less than 2 million cubic metres	Reservoir storage is less than 2.7 million cubic metres
Notes:				
(1) Flows from the dam to augment Waimea River flows are normally managed by resource consent conditions on the damming water and discharge permits consent for the Waimea Community Dam. However, rationing use of water during extreme droughts (beyond a 40-year drought) will enable more efficient use of the stored water over a longer period.				

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Table 1B MINIMUM FLOWS AND TRIGGERS FOR RATIONING: WAIMEA ZONES – UNTIL OPERATION OF THE WAIMEA COMMUNITY DAM COMMENCES			
This rationing and flow regime applies to any water permits affiliated to the Waimea Community Dam before the Waimea Community Dam commences operation			
Zone	Minimum Flow	Trigger for First Rationing Step	Trigger for Consultation
Delta Reservoir Upper Catchments Waimea West Upper Confined Aquifer (UCA) Golden Hills with Waimea Community Dam	None	1.0 millisiemens per centimetre In WWD50 (E1611825N5427949NZTM) 2500 l/sec in Wairoa River at Irvines	2800 l/sec in Wairoa River at Irvines
Lower Confined Aquifer (LCA) Golden Hills Hope and Eastern Hills		Step 1 rationing introduced when Step 2 introduced for Reservoir Zone	
Notes:			
(1) Progression to any further rationing with reference as necessary to Policy 30.1.3.20 is at the discretion of the Council during times of low water flows or levels, in consultation with the Dry Weather Task Force			
(2) All triggers are based on the unmodified flow of the Wairoa River at Irvines			

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Table 1C MINIMUM FLOWS AND TRIGGERS FOR RATIONING: WAIMEA ZONES – NO WAIMEA COMMUNITY DAM					
This rationing and flow regime applies if substantial progress towards giving effect to the applicable resource consents for construction of the Waimea Community Dam has not been made by 1 November <u>May 2019-2020</u> or if the Waimea Community Dam has not commenced construction by 1 November <u>May 2022-2023</u> and also applies to permits not affiliated until the dam commences operation					
Zone	Trigger Flow (litres per second)				
	Step 4 Rationing Trigger	Minimum Flow	Trigger for Third Rationing Step	Trigger for First Rationing Step	Trigger for Consultation
Delta Reservoir Upper Catchments Waimea West Upper Confined Aquifer (UCA) Golden Hills with Waimea Community Dam	800 l/sec in the Waimea River at the TDC Nursery recorder	800	2300 l/sec in Wairoa at Irvines	1.0 millisiemens per centimetre in any used bore 2750 l/sec in Wairoa River at Irvines	3000 l/sec in Wairoa River at Irvines
Lower Confined Aquifer (LCA) Golden Hills Hope and Eastern Hills			Step 2 rationing introduced when Step 3 introduced for Reservoir Zone		
Notes: (1)- The 800 litres per second minimum flow measurements are carried out within 500m of the TDC Nursery Site depending on the river morphology at that time. (2)- Progression beyond step 4 is at the discretion of the Council during times of low water flows or levels, in consultation with the Dry Weather Task Force with reference as necessary to Policy 30.1.3.20. (3) <u>All triggers are based on the unmodified flow of the Wairoa River at Irvines.</u> (4) <u>Lower Confined Aquifer and Hope and Eastern Hills zones progress from Step 2 to Step 4 when all other zones are at Step 4.</u>					

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Table 1D MINIMUM FLOWS AND TRIGGERS FOR RATIONING: WAIMEA ZONES – NO AFFILIATION TO THE WAIMEA COMMUNITY DAM <u>AFTER DAM COMMENCES</u>					
This rationing and flow regime applies to water permits not affiliated to the Waimea Community Dam and will apply once operation of the Waimea Community Dam commences <u>and all triggers are based on the unmodified flow of the Wairoa River at Irvines</u>					
Zone	Trigger Flow (litres per second)				
	Step 3 Cease Take Flow Trigger	Trigger for Second Rationing Step	Trigger for First Rationing Step	Trigger for Consultation	Trigger for resuming abstraction after any rationing imposed
Delta Reservoir Upper Catchments Waimea West Upper Confined Aquifer (UCA) Golden Hills with Waimea Community Dam	All zones cease take at 2050 l/sec flow in Wairoa River at Irvines	2300 l/sec in Wairoa at Irvines	1.0 millisiemens per centimetre in WWD50 (E1611825N5427949 NZTM) 2750 l/sec in Wairoa River at Irvines	3000 l/sec in Wairoa River at Irvines	Takes in all zones recommence when 7 day moving mean reaches 6,000 l/sec in Wairoa River at Irvines
Lower Confined Aquifer (LCA) Golden Hills Hope and Eastern Hills		Step 2 rationing introduced when Step 3 introduced for Reservoir Zone No Step 2 applies	Step 1 rationing introduced when Step 2 introduced for Reservoir Zone		
Note: <u>All triggers are based on the unmodified flow of the Wairoa River at Irvines</u>					

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[Unamended text (Table 2 of Schedule 31C and Schedules 31D to 31F) omitted]