



Waipaoa Catchment Planning Advisory Group – Hui 3

Date: 13 September 2023

Title of report: Recap and outputs from hui 2 – Topic: Identification of freshwater values

Report no: 1

Report authors: Lois Easton - Kereru Consultants; Sarah Thompson - Gisborne District Council

Purpose of this report

This report summarises the work completed at hui 2 on 16 August 2023, where freshwater values specific to the Waipaoa Catchment were identified.

This report is solely for background information purposes. Further work relating to the Waipaoa catchment specific values is planned for a future hui and wānanga, the dates and times of which will be decided shortly.

Outcomes sought

To present a summary of the work completed at hui 2 in August 2023 and outline where this is used in the Waipaoa catchment planning process.

1 Introduction

At hui 2 the Group started to identify freshwater values by sub-catchment. The Group looked at groups of sub-catchments, so that members got a chance to comment on each sub-catchment.

Appendix 1 contains a summary table which shows the values in different sub-catchments.

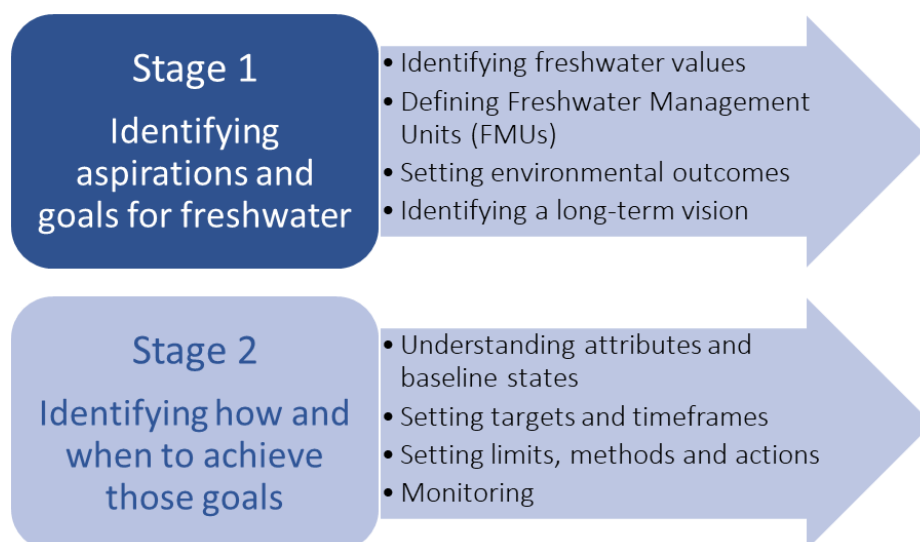
Appendix 2 has the raw output from these discussions.

It was agreed at hui 2 that the Group needs to meet again to do more work on these values. A wānanga is planned for this additional workshopping (date yet to be confirmed), as well as further discussion at future hui.

2 Setting the scene - the National Objectives Framework

A central part of the National Policy Statement for Freshwater Management (NPS-FM) is a process called the National Objectives Framework (NOF).

We have divided the process into two broad stages:



3 Key take aways from hui 2

Looking back- what did we achieve in hui 2?

- Catchment-specific freshwater values were identified alongside those that are compulsory in the NPS-FM.
- There were two key themes.

1. The workshop identified a range of values that are not included in the current Waipaoa Catchment Plan.

These include:

- habitat restoration
- wetlands
- flood and sediment management
- taniwha
- korero a mua/original stories
- aquifer recharge
- recreation

- threatened species.

2. Some values that are included in the current Waipaoa Catchment Plan were identified as being important in a wider range of locations.

These include:

- mahinga kai
- drinking water
- swimming.

Appendix 1: Summary table of values identified in hui 2

x = identified values in a sub-catchment

Theme	Mahinga Kai	Stock Water	Drinking Water	Habitat Restoration	Natural Form	Waka ama/rowing	Recreation	Ecosystem values	Swimming	Fishing	Irrigation	Wetlands	Original stories/Korero a Mua	Threatened species	Horticulture	Taniwha/Waahitapu	Commercial	Wai Tapu	Aquifer Recharge	Flood management / Sediment Control
Lower Taruheru	x			x		x	x	x	x	x			x							
Waikanae/Awapuni/Maungarongo	x	x		x		x		x		x	x	x	x	x				x		
Te Arai	x	x	x	x				x	x	x	x		x	x	x	x		x	x	x
Shallow Aquifers								x			x	x					x		x	
Deep Aquifers		x	x									x			x		x		x	
Upper Taruheru		x		x			x	x			x	x		x	x					
Whakaahu		x						x												x
Lower Waipaoa		x	x			x	x	x	x	x	x		x		x	x		x		
Mangatu	x	x		x	x			x	x				x			x				
Upper Waipaoa	x	x	x	x				x	x		x		x							
Waignaromia		x		x				x												x
Waihuka	x	x		x				x												x
Waihora		x		x				x												x
Wharekopae		x		x	x		x	x	x	x				x						x
Waikohu	x	x		x				x	x					x						x

Appendix 2: Output of hui 2 workshop (raw data)

Sub-catchment	Values	Comments
Lower Taruheru		
	Mahinga kai	No longer there in coastal/tidal reaches One red dot of disagreement
	Habitat restoration/ecosystem health improvements	2 green dots of agreement
	Waka ama/rowing	
	Recreational/walking	One green dot of agreement
	Rehabilitation project	weed control, appropriate plantings, stormwater road runoff improvements eg swales 2 green dots of agreement
	Important food source for birds	Kawau/shags, royal spoonbill, kotare/kingfisher, terns and gulls 1 green dot of agreement
	Coastal/estuarine fish	Mullet/kanae, Kahawai, tiddlers, flounders (not many)
	Tuna	
	Swimming	2 green dots of agreement
	Fishing	2 green dots of agreement
	Bridge jumping	
	Te Whataupoko Display of upoko	2 green dots of agreement
	Moss at Te Ha Para	2 green dots of agreement
	Ngā wae e rua	
	Human contact	Anzac Park Waka Ama 1 green dot of agreement
Waikanae Stream/Awapuni Moana		
	Original names applied	One green dot of agreement
	Irrigation	Upper catchment around racecourse
	Wetlands	Upper catchment
	Ecosystem health restoration	One green dot of agreement
	Upstream restoration and riparian planting	One green dot of agreement
	Awapuni Moana/Kopututea stormwater impacts	One green dot of agreement
	Waka ama and recreation	River mouth/moana
		Stop wastewater discharge into Awa and ending up in moana
	Port	Biofouling, Biosecurity, dredging
	Kanae/Mullet	
	Korero a Mua (original stories)	One green dot of agreement
	Threatened species	One green dot of agreement
	Te Toka Taiau Waikanae Waikahua	Cultural valve 3 green dots of agreement
	Te Wai o Hirarore feeds Waikanae	2 green dots of agreement

Sub-catchment	Values	Comments
	Mahinga Kai – Wastewater overflow	2 green dots of agreement
	Maungarongo Project	
	Ecosystem health – restoration of wetlands that returned following Gabrielle	
	Restoration of swamp areas – Rifle range, airport, Te Kuri Marae	2 green dots of agreement
	Awapuni wetlands	1 green dot of agreement
Shallow aquifers		
	Waipaoa Gravels – Te Hapu Kōpū – womb of Turanga	
	Irrigation	3 green dots of agreement
	Ecosystem dependence	
	Wai Tapu of Hamoterangi	
Deep aquifers		
	Te Hapu Kōpū – womb of Turanga	1 green dot of agreement
	Wetlands	
	Horticulture	4 green dots of agreement
	Irrigation	Economic and social benefit 4 green dots of agreement 1 red dot of disagreement
	Commercial	2 green dots of agreement 1 red dot of disagreement
	Drinking water	Matokitoki
	Stock water	1 green dot of agreement 1 red dot of disagreement
	Aquifer Recharge	For irrigation and to prevent saline intrusion 4 green dots of agreement
	Ko te peka i rere mai ki uta ra hei kura mo Mahaki (Kahikatea) Makauri	
Upper Taruheru		
	Ecosystem health – restoration of wetlands that returned following Gabrielle	
	Residential development away from flood overflow areas (Makaraka)	
	Inanga Spawning Tucker Rd Bridge	
	Freshwater mussels /kakahī Matokitoki Stream	1 green dot of agreement
	Taruheru Moss	Used for absorption Used for "perfume" 1 green dot of agreement
	Drainage	1 green dot of agreement
	Oranga wai	Life of the wai – including ecosystem health 1 green dot of agreement

Sub-catchment	Values	Comments
	Korua	Waihirere
	Recreation, waterfall	Waihirere Domain
Te Arai		
	Healthy aquifers natural recharge	2 green dots of agreement
	Water storage (managed)	1 green dot of agreement
	Irrigation	1 green dot of agreement
	Te Arai/Whatatuna overflow system	2 green dots of agreement
	Waahi tapu Ngati AueAue Mirror Pa	Kohanga Karearea 1 green dot of agreement
	Ora Kaiapu Pa site Opou Old Oak Tree	1 green dot of agreement
	Tapui Pa lost earthwork Pa site	1 green dot of agreement
	Maramatanga	Intergenerational knowledge
	Te Arai Waterworks Bush	Very high instream ecological values. Pest control happening 1 green dot of agreement
	City water supply	Waterworks bush 1 green dot of agreement
	Uri taniwha Kaitiaki	
	Tipua status uri taniwha	
	Te Ao Turoa	The natural balance All catchments
Whakaahu		
	Diversion of Whakaahu to Waikakariki	2 green dots of agreement
	Drinking water supply for Waituhi	1 green dot of agreement
	Flood zones	
Lower Waipaoo		
	Animal drinking	1 green dot of agreement
	Water monitoring Waikohu Waikakariki	
	Waahi tapu	
	Wai tapu	
	Kaitikiakitanga	1 green dot of agreement
	Manaakitanga	1 green dot of agreement
	Drinking water quality	2 green dots of agreement
	Inanga spawning	3 green dots of agreement
	Fishing and recreation	1 green dot of agreement
	Irrigation - economic	3 green dots of agreement
	Repongaerae -important tuna fishing/food bowl	5 green dots of agreement
	Silted water extraction	
	Open flood plains	1 green dot of agreement
	Gravel	1 green dot of agreement
	Safe Swimming Spaces	2 green dots of agreement
	Some retreat from the floodplain? For the headwaters better land	1 green dot of agreement

Sub-catchment	Values	Comments
	management, land retirement, indigenous reversion, pest control	
	Oil springs Tipua	
	Hine te Ariki Uri Taniwha kaitiaki	
	Ecosystem health	Water quality Aquatic life
Mangatu		
	Urukokomuka site of significance Awa tapu	1 green dot of agreement
	Kokomo Swimming	1 green dot of agreement
	Waahi tapu	1 green dot of agreement
	Uri taniwha	
	Erosion/silt	1 red dot of disagreement
	Freshwater	
	Mahinga kai	Mahinga kai degraded 1 green dot of agreement
	Ecosystem health	1 green dot of agreement
	Stock drinking	1 green dot of agreement
	Community water natural forest	1 green dot of agreement
	Swimming	
	Natural Form	
	Whahapapa – stream names	
Upper Waipaoa		
	Community Values	
	Irrigation - Riversun	1 green dot of agreement
	community water supply	1 green dot of agreement
	Ecosystem health	1 green dot of agreement
	Mahi Atua ecosystems	1 green dot of agreement
	Land management	1 red dot of disagreement
	Whahapapa Catchment wide valve	1 green dot of agreement
	Mahinga Kai	– Kanae used to go up to Whatatutu
	Protect headwaters	
	Every stream is important	Placenta Part of life force Feeds Waipaoa / City
	Swimming	
	Stock water	
	At Whatatutu there is a Rahui because of discharges from stock access, dump, forestry	1 green dot of agreement
	Whatatutu Rubbish Dump leaving	1 red dot of disagreement
	Te Wereroa	Great location for debris dams – turn into wetlands over time – target the worst at the top and will see benefits all the way downstream
Waihora		
	Fish passage	Including having enough water to get upstream in summer

Sub-catchment	Values	Comments
		1 green dot of agreement
	Stock drinking water	1 green dot of agreement
	Sedimentation control	1 green dot of agreement
	Te Whakahoki I te mauri	2 green dots of agreement
	Source of water for lower catchment areas	
	Stock control to reduce riverbank erosion	
Waingaromia		
	Stock drinking water	
	Oil/gas seeps	
	Bentonite quarry	
	Tuna	Is the apex of providing for life
	Sedimentation control	Is the headwaters – impacts on the values downstream
	Whakapapa	Is a lot of history in this area
	Te Whakahoki I te mauri	Need to revive the ecosystems – particularly in forestry areas
	Restoration needs to start in the headwaters	
Waikohu		
	Mahinga Kai	Near villages
	Land use influences flooding	1 red dot of disagreement
	Drinking water	
	Threatened species	
	High quality streams	
	Stock water	1 green dot of agreement
	Pa sites	
Waihuka		
	Whakarauora I te wai (cattle)	
	Marae relationship	Rangatira etc 1 green dot of agreement
	Mahinga kai associated with marae	1 green dot of agreement
	Stock water	
Wharekopae		
	Trout	
	Rere falls and rockslide	
	Kakahi	
	Flood attenuation value downstream for Waipaoa	
	Stock water	

