

Te Rūnanga o Ngāti  
Whakaue ki Maketū

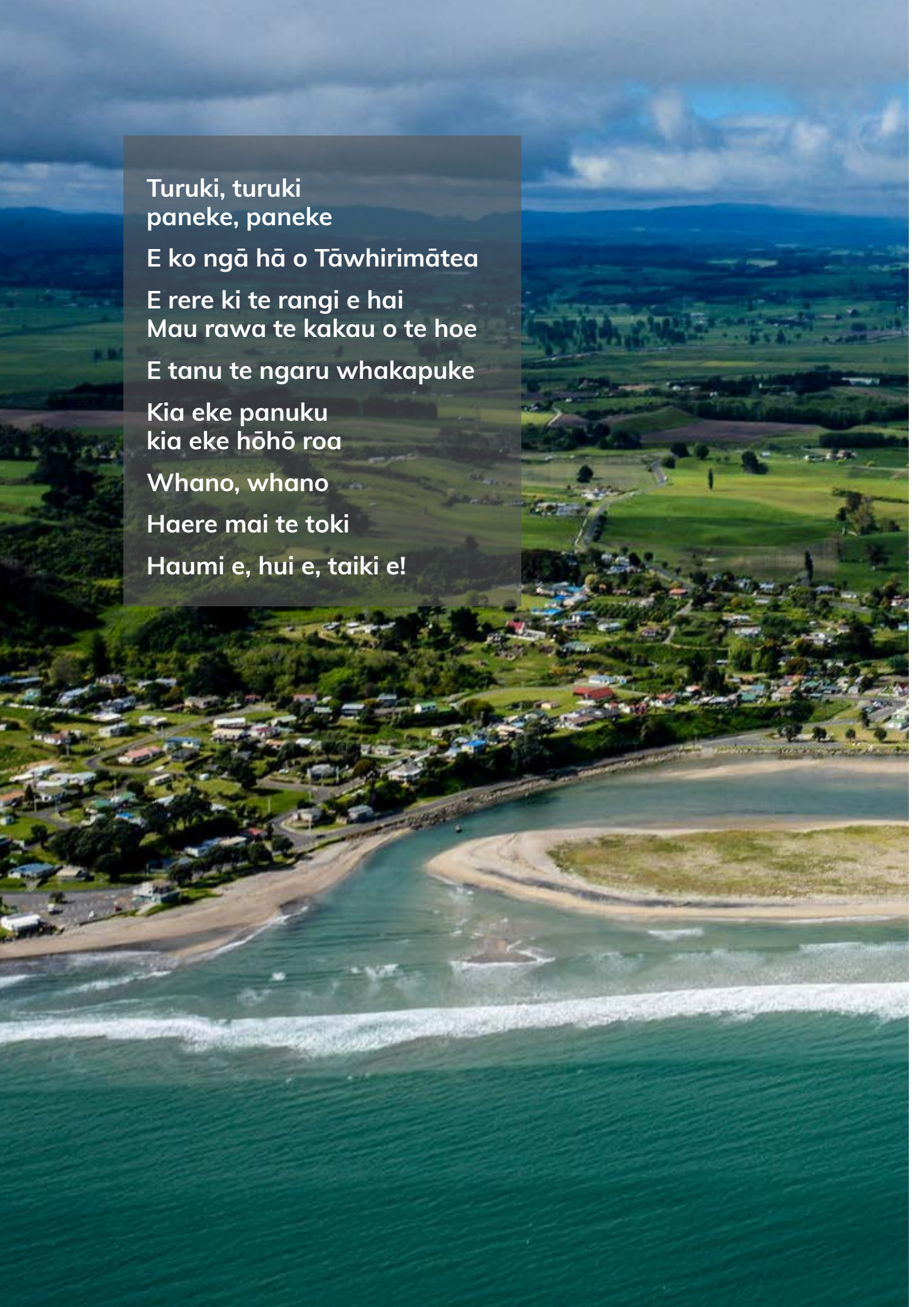


# Te Rautau Te Rāhui Taketake

Ngāti Whakaue ki Maketu  
Hapū Management Plan

2018-2028

Reprinted 2020

An aerial photograph of a coastal town and bay. The town is built on a hillside overlooking a large bay with a prominent sandbar in the middle. The water is a deep blue-green, and the sky is filled with dramatic, grey clouds. The foreground shows the ocean with white-capped waves breaking. The middle ground features a sandy beach and a large, flat sandbar extending into the water. The background shows rolling green hills and distant mountains under a cloudy sky.

Turuki, turuki  
paneke, paneke  
E ko ngā hā o Tāwhirimātea  
E rere ki te rangi e hai  
Mau rawa te kakau o te hoe  
E tanu te ngaru whakapuke  
Kia eke panuku  
kia eke hōhō roa  
Whano, whano  
Haere mai te toki  
Haumi e, hui e, taiki e!

## MIHI MIHI | FOREWORD

Tēnā koutou katoa,

Te mea tuatahi, i tukua mātou he mihi aroha ki a Io Matua Kore. Nāu ko te oranga kikokiko, nāu ko te oranga wairua, nāu ko te oranga ō tēnei hapū.

He mihi nunui hoki ki ngā pare kawakawa i wehe atu ki te pō nui. I mahara mātou ō koutou hokariri me koutou wero kia tiaki i te takitai, te awa, te kōngutu me te whenua papatipu, Ko Maketu. Kai roto i tenei mahere ara, ngā purakau nā koutou.

No reira, ka reia atu ki te oranga kikokiko, ngā mihi maioha ki a Ngāti Whakaue ki Tai hapū, i whangai ō whakāro hikaka, ō whakāro whakaohoho kai roto i tenei mahere, tēnā koutou, tēnā koutou.

Ka huri atu ki ngā kaunihera i homai etahi putea ki a whakatupu i tēnei mahere, tēnā koutou, tēnā koutou. Ka tawhīro te korero aroha ki a mātou kaimahi, Ko Elva Conroy rāua ko Malc Donald. Tēnā korua.

Ka poka atu ki Te Rūnanga o Ngāti Whakaue ki Maketu Tāngata i mahia koutou te mahi kia ārahi te ara kia ora ai, kia tipu ai te hapū, no reira tino kaha te whakairo tūturu. Tawhīro ake ki tēnei mahere o ngā mokopuna i haere mai tonu ki te ao hurihuri, Nei nā te hanga arapiki kua timata mā koutou. He tohu aroha ki te whakamahia te mahi kia tiaki tonu ngā taonga tuku iho.

We wish to acknowledge wholeheartedly our tūpuna who have passed on. We remember their struggles and challenges to care for our coast, our river, our estuary and the sacred lands of Maketu. This Plan portrays your words of wisdom.

We warmly acknowledge our Ngāti Whakaue ki Tai hapū who shared their enthusiasm and inspiration into this plan.

We also acknowledge and thank the Councils for their financial support to produce this Plan. And to our Plan writers, Elva Conroy and Malc Donald, thank you both.

We acknowledge the members of Te Rūnanga o Ngāti Whakaue ki Maketu who worked to drive the pathway of this Plan so our hapū will be well, so they will grow and strong in their carvings.

We turn also to the future of our mokopuna here and still to come in this everchanging world.

This plan is the building block, a symbol of aroha to set the foundation towards safeguarding our treasures handed down.

Ngā mihi

Te Rūnanga o

Ngāti Whakaue ki Maketu Poari

*C. Poliki*  
*Ag. Utikins*  
*A. Donald*  
*Ngāi Pare*



# Te Riu O Te Waka Te Arawa

**Te Rautau: Te Rāhui Taketake**

refers to the last rāhui placed on the river and land by Ngāti Whakaue

**Published by**

Te Rūnanga o Ngāti Whakaue ki Maketu, 2018  
*Plan updated August 2019 to correct typographic errors*

**Plan recognised and endorsed by**

Te Rūnanga o Ngāti Whakaue ki Maketu  
*As such, this Plan has statutory weight under sections 5-8, 35A, 61, 66, 74 and 108 of the Resource Management Act*

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Te Rūnanga o Ngāti Whakaue ki Maketu

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**WĀHANGA TUATAHI**

**HE KUPU WHAKATAKI**

**PART 1 INTRODUCTION**

# 1. Introduction

This environmentally-focused hapū management plan has been developed by Te Rūnanga o Ngāti Whakaue ki Maketu.

## 1.1 Plan purpose

This Plan has been developed to voice the collective aspirations for the environment and our people.

This Plan:

- reflects the views and aspirations of whānau and hapū through policy.
- is outcomes focused and identifies collaborative opportunities.
- should influence Council plans, processes and decisions as well as our own strategic objectives.

We want to influence better outcomes for our environment and people, now and for the future.

This Plan has been developed and guided by ngā uri o Ngāti Whakaue, by the Rūnanga and by those who are actively working within resource management.

To ensure that this plan has a tangible impact, we have also specified priority

projects to carry out over the next 10 years. In many cases there will be opportunities to collaborate with other agencies with these identified projects.

This Plan will be lodged with the Bay of Regional Council; Tauranga City Council and Western Bay of Plenty District Council.

A copy of this Plan will also be provided to central government agencies such as the Department of Conservation, NZ Transport Agency and Ministry for Primary Industries.

This Plan in no way replaces or alleviates the need for Councils, central government agencies, consultants and consent applicants to engage with Te Rūnanga o Ngāti Whakaue ki Maketu.

## 1.2 Use and influence

This Plan will be for Ngāti Whakaue ki Maketu resource managers and kaitiaki first and foremost, although Councils, consent applicants and central government agencies will be the main Plan users.

### How we will use the Plan

We will use this Plan:

#### TO ARTICULATE

- our relationship and whakapapa with our taiao, traditional sites, landscapes, and resources.
- our issues of significance and long-term aspirations for our taiao.

**TO ENABLE** more effective participation in council processes.

**TO CLARIFY** our expectations about consultation.

**TO GUIDE** our own work programmes and projects.

#### TO INFLUENCE

- strategies, plans, programmes and decisions.
- resource consent processes and decisions.
- our responses to consent applications.
- and/or support submissions to local and central government proposals and processes.

#### TO SUPPORT

- on-the-ground initiatives and actions to improve the health and wellbeing of our taiao.
- funding applications for projects that align with, or are specified within, this Plan.

### How we expect others to use the Plan

In this context, "others", includes the Bay of Regional Council; Tauranga City Council and Western Bay of Plenty District Council as well as developers, consent applicants and central government agencies (e.g. Department of Conservation, NZ Transport Agency and Ministry for Primary Industries).

We expect others to use this Plan:

#### TO UNDERSTAND

- our values, frustrations and aspirations for our taiao.
- that our views are not limited to cultural matters. We are both kaitiaki and land managers and have responsibilities to also provide for the social and economic wellbeing of our people.

#### TO INFORM AND GUIDE

- engagement processes so that discussions are focused and productive.
- decisions associated with consent and concession applications.
- policy and plan development.
- Council operations, programme development and funding within our rohe.
- development within our rohe.
- implementation of the Kaituna river document (Kaituna he taonga tuku iho - a treasure handed down)

**TO ENCOURAGE** collaboration with Te Rūnanga o Ngāti Whakaue ki Maketu for better outcomes for the community, especially where identified aspirations in the plan complement with Council and community aspirations.



WĀHANGA TUARUA  
KO WAI MĀTOU  
PART 2 ABOUT US



### 1.3 Status of this Plan

This Plan is recognised and endorsed by Te Rūnanga o Ngāti Whakaue ki Maketu. As such, this Plan has statutory weight under sections 5-8, 35A, 61, 66, 74 and 108 of the Resource Management Act (RMA)

- must take into account this Plan when preparing, reviewing, or changing a Regional Policy Statement, District Plan or Regional Plan.
- must have regard to this Plan when considering a resource consent application.

Policy IW 4B of the Bay of Plenty Regional Policy Statement also seeks to

“ensure that iwi and hapū resource management plans are taken into account in resource management decision making processes”.

This is a key policy for Regional, City and District Council resource consent and plan change processes.

### 1.4 How to Use this Plan

#### **Part 1: He Kupu Whakataki**

Plan Purpose, Use and influence

LEARN ABOUT WHO WE ARE AND WHERE WE ARE AND HOW THIS RELATES TO THE WORK YOU DO

#### **Part 2: Ko Wai Mātou**

Who we are: Our Iwi, hapu and Iwi Authority

FIND OUT HOW WE CAN WORK TOGETHER FOR A BETTER TAIAO AND COMMUNITIES WELLBEING

#### **Part 3: Ngā Kaupapa Here**

Our Policies: Each policy section includes issues, objectives, policies and projects

ENGAGE WITH US TO HELP GET THINGS DONE

#### **Part 4: Whakatinanatanga**

Plan Implementation: Engaging with Ngāti Whakaue ki Maketū and our Accidental Discovery Protocols

#### **Part 5: Kupu Apiti**

Schedules: Schedule 1: Cultural Heritage Inventory

## Te Ihu o Te Arawa Waka / The bow of the Te Arawa Waka

The following patere<sup>1</sup> (chant) was written to retain the knowledge of the place names (Taunaha Whenua) that are significant to Ngāti Whakaue.

This patere recites the names given by our ancestors who named pieces of land within our rohe. It also highlights the physical and spiritual connection of Ngāti Whakaue to the natural environment and all it sustains.

E noho ana i o te rae ki Pekerau kai  
Te Kureitanga o te ihu o Tama te Kapua  
Ka mau te ārohirohi te titiro ki tāku whenua  
kura ki Poporohuamea ki Mataoneone  
Ka reia atu au ki te Awa kari o Ngātoro-i-rangi  
He tai timu, he tai pari e ngaoko ai i te  
hukahuka  
He aha te kai mō roto? He patiki, he tamure,  
he pāhauriki,  
He pipi kai oneone, ara rā ko Papahikahawai  
Kia tioro i te tawara o tōku waha hai kai e!  
Rukutia te wai ki ngā taupunga o te waka o Te  
Arawa  
Ko Tuterangiharuru ko Te Tokaparore  
Whakamaui ki te one pungapunga tau atu ai  
Urupounamutia mai, he aha te kino i ahau i a  
Te Arawa  
Ka riro rā hai kai atu mā te hatete o Mahuika,  
Tawhai atu taku rere ki Tapati ki te whare  
kōrero o Ngāti Whakaue  
E tū whakarehu i te hau hewahewa o  
Rongomaraeroa e,  
Nā hea mai koia, te ara ki Whakapoukōrero,  
ki te puehu muramura i te rua āhuru  
Mawhiti atu au ki te waiariki koropupū ana i te  
Rau-o-te-Huia ki Otairoa āku kura tapuwae  
E kore noa rā taku whanowhanoa e hupeke ki  
runga i te Pā tūwatawata  
Ka poka au ki Parawai ki Te Koari ki te ururua i  
tūngia e taku tūpuna e Kahumatamomoe  
Kia tupu whakaritorito ko te kumara rokiroki  
nā Whakaotirangi,

E kokoia e kokoia e ara e!

As I sit on the brow of Pekerau at the lands  
named Te Kuraeitanga o te Ihu o Tamatekapua,  
For me I am overwhelmed at the sight of  
these treasured lands at Poporohuamea  
to Mateoneone, I stride towards the Maketu  
Estuary, where the tides come in and out to the  
edge of the whitewash;  
What kai can be gathered from here?  
Flounder, snapper, the bearded mussel and  
sandy shellfish,  
Look there (yonder) tis land of the wounded  
kahawai, the thought revives the taste buds in  
my mouth  
I dive into the waters to the anchors of Te Arawa  
canoe  
Tis Tuterangiharuru, Tis Tokaparore,  
Anchored to the sandy sea bottom;  
I ask a question, why was Te Arawa canoe  
burnt, what was the underlying reasons for such  
an act?  
I stride out running fast to Tapati to the orators  
house of Ngāti Whakaue  
To stand on the marae courtyard under the  
guidance of Rongo,  
From here a sharp turn over to Whakapoukōrero  
to the place where disagreements were settled;  
I leap to the hot springs bubbling at Te Rau o te  
Huia then to Otairoa tracing my footprints;  
To my annoyance I cannot leap on to the  
palisaded Pa, I bound to Parawai to Te Koari Pa  
it is overgrown but it ignites the flames of my  
ancestor Kahumatamomoe,  
Tis from the vine of the kumara that was saved  
by Whakaotirangi where the journey ends,  
And that is that!

<sup>1</sup> © Denise Ewart, Aroha Newdick, Maria Horne & Te Waata Cribb (2012)

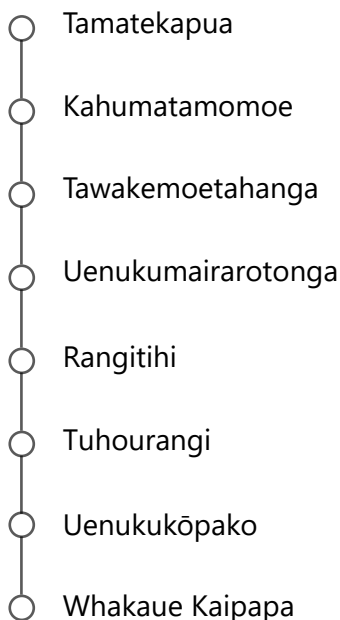
## 2. Who we are

Ko Tongariro te maunga  
Ko Te Awa Kari o Ngatoroirangi te awa  
Ko Te Arawa te waka  
Ko Maketu te papa tapu  
Ko Whakaue Kaipapa te whare tupuna  
Ko Rangiuuru te whare kuia  
Ko Whakaue Kaipapa te tangata  
Ko Ngāti Whakaue te lwi  
Ko Whakaue ki tai, Ko Whakaue ki  
Maketu te hapū  
No reira, tena koutou katoa!

### 2.1 Ngāti Whakaue

Ngāti Whakaue are the descendants of Whakaue Kaipapa.

Whakaue was a recognised and well-respected leader amongst his people. He was a direct descendant of Tamatekapua, captain of the Te Arawa canoe.



Ngāti Whakaue are located in two key areas:

- Rotorua (Ngāti Whakaue ki Uta)
- Maketu (Ngāti Whakaue ki Tai)

Ko Whakaue ki Tai  
e tiaki te Takitai moana,  
Ko Whakaue ki Uta  
e manaaki ngā roto.

We hold the whakapapa connections of Ngāti Whakaue. We occupy the coastal area, while Ngāti Whakaue ki Uta occupy the Lakes-area within our wider tribal rohe ('Mai Maketu ki Tongariro' – 'from Maketu to Tongariro').

### 2.2 Ngāti Whakaue ki Maketu

Following the landing of the Te Arawa canoe at Maketu, many of those on the canoe inland in search of new lands. Those ancestors of Ngāti Whakaue remained behind to establish a new life in Maketu.

The shift away for a short time came through Rangitihī who was born in Maketu but moved to Paengaroa and lived at a Pa Site called Pakotore.

His son Tuhourangi and Uenukukopako settled within the Rotorua areas as did Whakaue Kaipapa, who lived at Mokoia Island with his wife Rangiuuru and their children. However, the return to Maketu was catapulted by the invasion of Hongi Hika on Mokoia Island in 1823.

From that battle onward Ngāti Whakaue were determined to source muskets as a weapon to ensure their survival.

A Danish trader (Hans Felk Tapsell) met Ngāti Whakaue kuia who had been captured by Ngāpuhi and taken up North. They told the trader that Maketu had the best quality flax.

Tapsell travelled to Tauranga where he met a number of Ngāti Whakaue chiefs including Tohi Te Ururangi, Te Haupapa, Pukuatua, Te Amohau and Ngahuruhuru. Tapsell negotiated and paid for land

in Maketu. The Ngāti Whakaue chiefs keen on making the Pakeha their own, arranged a marriage between Tapsell and Hineiturama, a young chieftainess with the bloodline of Ngāti Whakaue. This marriage ensured that Whakaue would have access to the muskets and that Tapsell remained loyal to Te Arawa in particular.

Although the original intention was to trade dressed flax for muskets, it soon became apparent that Ngāti Whakaue could also purchase blankets, shovels, spades, clothing, livestock, tobacco, alcohol and other things in return for dressed flax. Maketu became the port where ships were loaded with dressed flax and products exported for the markets in Auckland and Sydney. When the flax trading era ceased, the descendants of those early chiefs for Ngāti Whakaue remained at Maketu and still live in Maketu today.

Continuous occupation of the land is referred to as 'ahi kā roa' (occupation), a term used to indicate the enduring authority of the people to the land and natural resources.

## 2.3 Whakaue Marae

Whakaue Marae, was built on the whenua (land) known as Tapati which is located on Maketu Road, overlooking the Maketu Estuary and Kaituna river mouth.

Built in 1924, Whakaue Kaipapa is the name of our Whare Tupuna (ancestral house). The Whare Kuia (dining hall) is named Rangiuuru who was the wife of Whakaue Kaipapa. At the apex of the whare tupuna is a depiction of Hatupatu who avenged the burning of the Arawa waka. The Poutokomanawa (heart pou) within the whare tūpuna depicts the carved figure of Ngātoroirangi, the tohunga (expert) of the Arawa waka.

**Marae: Whakaue**  
**Whare Tupuna (ancestral house):**  
Whakaue Kaipapa  
**Whare Kuia (dining hall):** Rangiuuru

## 2.4 Te Rūnanga o Ngāti Whakaue ki Maketu

Te Rūnanga o Ngāti Whakaue ki Maketu was formed by tangata whenua in Maketu in 2002 to be the voice of the people in matters pertaining to the well-being of our hapū.

It is the Iwi Authority and representative governing body of our coastal hapū.

We:

- are recognised by other Iwi Authorities, Councils and community groups.
- have two mandated kaumatua/kuia that serve on the Rūnanga together with the Rūnanga board members.
- consistently maintain our membership database of active members.
- With regards to council relationships and processes (e.g. resource consents), we:
  - administrator and implement the Hapū Management Plan.
  - seek co-management and kaitiakitanga (guardianship) of the natural resources for Ngāti Whakaue ki Maketu hapū;
  - seek inclusion processes and decisions for resource management plans and strategies.
  - educate Councils in our role as tangata whenua and kaitiaki of the taiao.
  - ensure sustainable practices are implemented.

### Contact details:

Phone 07 533 2101  
Email runanga@actrix.co.nz

### 3. Where we are

The iwi / hapū that originate from Te Arawa waka fought extensively to retain their rights to the coastal areas.

Through whakapapa, conquest, kith and kinship, we can say we are tied to this land. This is verified through historical accounts and archaeological findings that can also tie Ngāti Whakaue ki Maketu to this land.

We re-occupied Maketu prior to the beginning of the flax trading era after the attack on Mokoia Island.

We define our tribal boundaries by ahi kā roa - the long occupation of the coastal area and the stories, the whakapapa and the generations of descendants that live permanently within the coastal area, and in particular, Maketu.

#### 3.1 Our Area of Interest (land)

Historically Ngāti Whakaue ki Maketu have three significant boundary areas. For the purpose of this Plan:

- As Te Arawa waka Iwi<sup>2</sup>, our area of interest extends north to south, from Maketu to Tongariro.
- As Te Arawa ki Tai Iwi<sup>3</sup>, our coastal area of interest extends from Wairakei to Otamarakau.
- As Ngāti Whakaue ki Tai, we hold mana whenua status Wairakei to Little Waihi, Maketu. The Lower Kaituna River Catchment to the east seaward Okurei Point, to the east inland to the Pongakawa River to the south Te Hiapo, State Highway 39, and to the west towards Te Puke township. This is illustrated in the map overleaf.

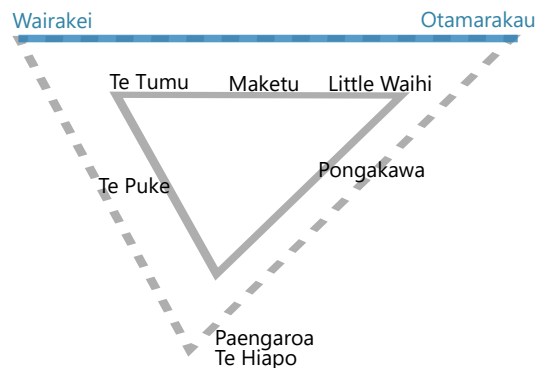
perspective, we have an interest in the in the Kaituna and Pongakawa catchments as we are located downstream and are affected by activities, land uses and resources within these catchments.

We also have historical associations with areas outside of our rohe, namely Putaruru (Ōrākau) and Matata (Kaokaoroa and Puakowhai Awa).

#### 3.2 Our Area of Interest (coast)

Our coastal area of interest is outlined in our application for a Customary Marine Title and Protected Customary Right under the Takutai Moana Act 2011.

This area extends from Wairakei, east towards the coast abutting Waihi Estuary and includes the Pongakawa River mouth. The area extends out to 12 nautical miles, includes Otāiti (Astrolabe reef).

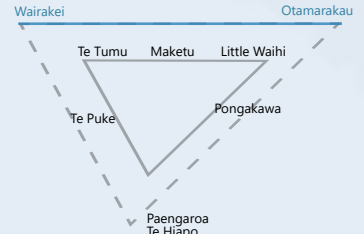


#### From a taiao (environmental)

2 Relates to those Iwi and hapū who have an ancestor that was on the Te Arawa canoe.  
3 Relates to coastal Iwi and hapū of the Te Arawa waka

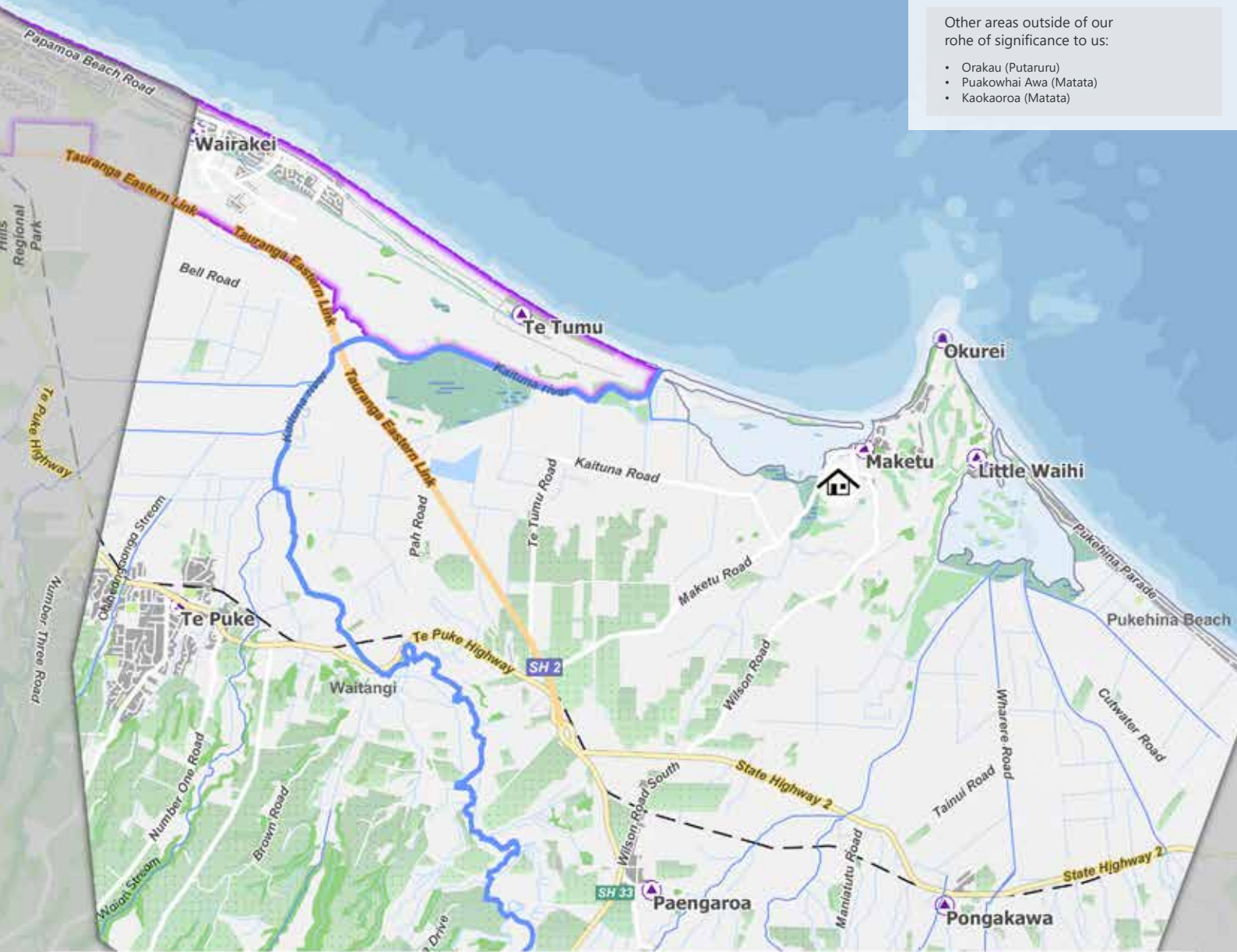


## AOI Markers



Other areas outside of our role of significance to us:

- Orakau (Putaruru)
- Puakowhai Awa (Matata)
- Kaokaoroa (Matata)



### Legend

- Whakaue Marae
- waterway
- rail
- TCC Boundary

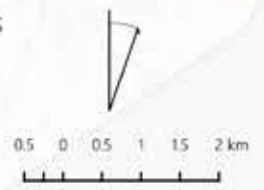
### Landcover

- indigenous forest
- orchard
- wetland
- urban

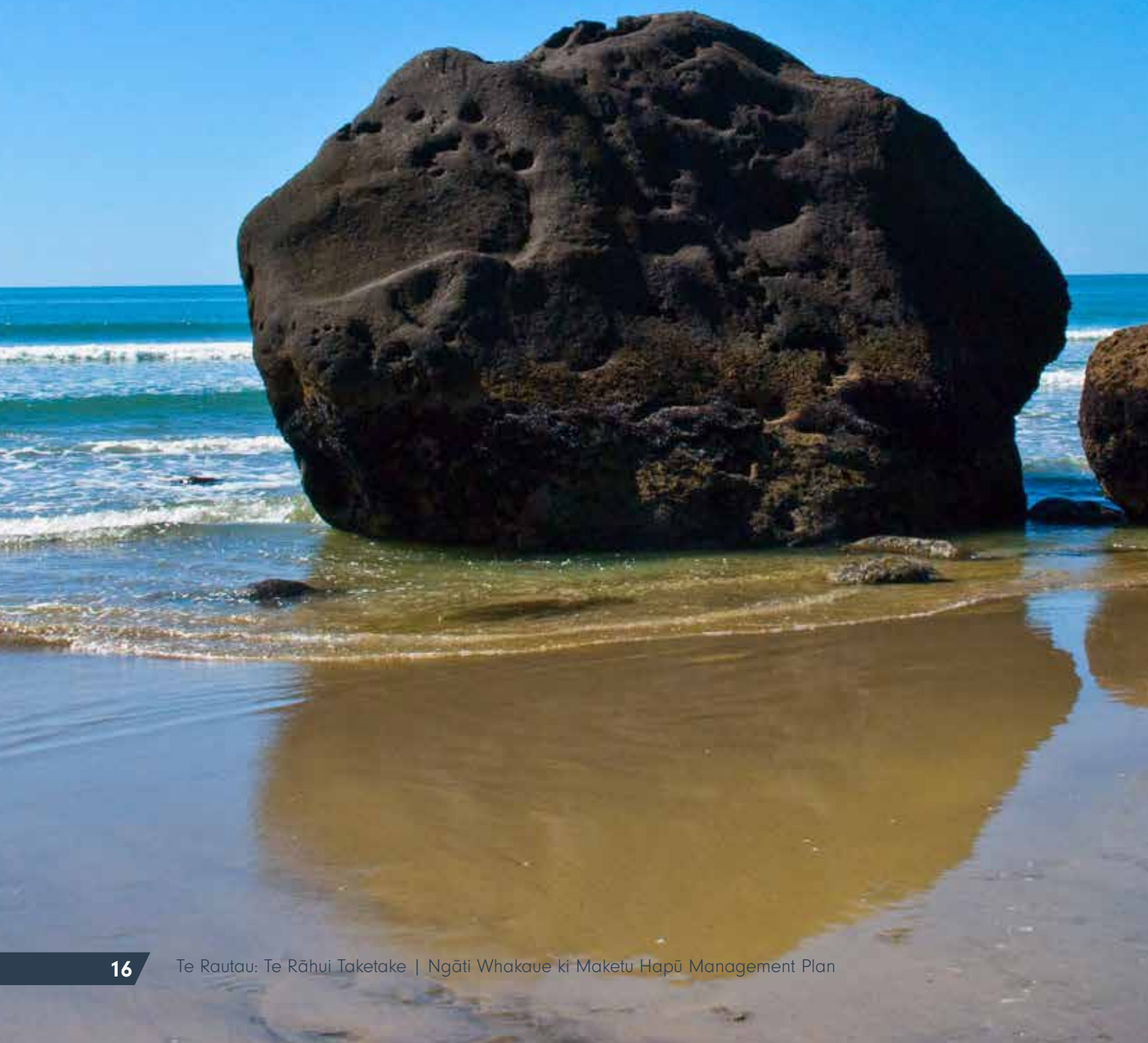
### Ngati Whakaue Ki Maketu Plan Maps

## Ngati Whakaue Areas of Interest

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**WĀHANGA TUATORU**  
**NGĀ KAUPAPA HERE**  
**PART 3 OUR POLICIES**





## 4. Policy and Projects Overview

### 4.1 Our World View

From an environmental and spiritual perspective, we see the world as a unified whole, where all the elements including tangata whenua are connected. Emphasis is based on maintaining the balance of both the spiritual and physical well-being of the environment while using resources for commercial, recreational, educational and social purposes.

Kaitiakitanga for us, is a practice that has been instilled in us. We pass on a legacy that leaves the environment in a clean and sustainable state for future generations. The traditional and

modern theories enshrine the four well-beings of cultural, social, economic and environmental values.

### 4.2 Our Vision

The Vision for this Plan is to restore and enhance the mauri of land, rivers, streams, aquifers, wetlands, estuaries and the coastal environment within our rohe. In other words,

“Ka ora te taiao, ka ora te tangata”  
“Our environment is healthy, we are healthy and will prosper”

### 4.3 Our Policy Framework

Sections 5 to 8 form the ‘policy chapters’ of this Plan, organised as follows:

**Our Policy Framework** : Sections 5 to 8 form the ‘policy chapters’



#### 4.4 Explanation of terms used in this Plan

This Plan uses terminology similar to that found within Council planning documents, which include:

##### ISSUE

An existing or potential problem (or opportunity) that requires intervention.

##### OBJECTIVE

Where we would like to be; what the future looks like for us.

##### POLICY

A broad course of action to accomplish the Objective(s).

In many cases, we will include our statements of position on specific matters predominantly to Councils - which describe things we want (or don't want) to see happen in order to achieve our objectives.

##### PROJECTS

Specific projects have been identified which we want to lead, be part of and/or require funding. Where applicable, we have aligned projects with existing regional and district programmes, to highlight where we have compatible goals and objectives.

The policies and projects are primarily aimed at Regional and District Councils as well as Te Rūnanga o Ngāti Whakaue ki Maketu and Central Government agencies.

Some projects may already fit into business as usual for those agencies involved within resource management. Other projects are aspirational, requiring time and collaboration to be achieved.

#### 4.5 Acronyms used in this Plan

The following organisations are identified within the policy tables, using the following acronyms:

**BOC:** Bay of Connections

**BOPRC:** Bay of Plenty Regional Council

**DOC:** Department of Conservation

**HPT:** Historic New Zealand Pouhere Taonga

**MBIE:** Ministry of Business, Innovation and Employment

**MOE:** Ministry of Education

**MPI:** Ministry for Primary Industries

**NWKM:** Ngāti Whakaue ki Maketu - represented by Te Rūnanga o Ngāti Whakaue

**TALT:** Te Arawa Lakes Trust – owner, on behalf of Te Arawa beneficiaries, of land within our rohe that was returned as part of the Te Arawa Lakes Settlement

**TAML:** Te Arawa Management Limited - manager of commercial assets of TALT and the former Te Arawa Māori Trust Board

**TCC:** Tauranga City Council

**TPK:** Te Puni Kōkiri, Ministry of Māori Development

**WBOPDC:** Western Bay of Plenty District Council



## 5. Our Natural Environment

This chapter covers all aspects about our taiao, in particularly land and air; rivers, streams and groundwater aquifers; wetlands; fisheries and our moana. It includes policies related to the effects of human activities (e.g. discharges, earthworks).

While there a lot of matters within one section, it aligns with our way of looking at the world, which recognises our connection with the natural environment and to each other by way of whakapapa. It also recognises the connectivity within a catchment e.g. what happens on land, affects all receiving waters, including our moana.

We want a healthy environment so that we can swim safely and gather kai. We want to be able to provide sufficient food for ourselves and our manuhiri. We want our lands to be productive and managed in line with our cultural values. We want water to be taken and used responsibly and efficiently.

We want our people to reconnect to our whenua, our moana and our culture. We want to revitalise cultural practices and upskill whānau - as kaitiaki - to be more actively involved in caring for our environment.

- 5.1 Land Use | Water Quality
- 5.2 Air and Air Quality
- 5.3 Water Quantity: Allocation | Use
- 5.4 Geothermal: Water | Heat
- 5.5 Coast | Estuaries
- 5.6 Fisheries | Kaimoana
- 5.7 Wetlands
- 5.8 Ecosystems: Biodiversity | Habitats
- 5.9 Natural Hazards | Climate Change

## 5.1 Land Use | Water Quality

This sub-section relates to the effects of land use (including discharges) on water quality, both freshwater and coastal water. This includes natural waterways that are now categorised as farm drains (e.g. Waitepuia, Otumakoro, Hineahuru and Hinehorohia Streams).

We are downstream, at the lower end of large catchment systems, so we see, feel and bear the brunt of upstream land use and associated discharges to land and to water.

We want a healthy environment so that we can swim safely and gather kai. We want to be able to provide sufficient food for ourselves and our manuhiri.

*“We have complained about the state of the drains that discharge into the Kaituna and Maketu Estuary. We do not see any changes to the farming practices.”*

This sub-section covers the following:

- A more holistic and collective approach to sustainable land use and development within our rohe
- Managing the effects of discharges on freshwater and coastal water quality

### Our Issues and Challenges

1. Inadequate recognition of our values, interests and mātauranga within our rohe.
2. Impact of land uses and activities on our natural resources.

Urban and rural development is placing increasing pressure on the natural resources within our rohe particularly in relation to water demand and volumes of waste, stormwater and wastewater produced.

Further development within our rohe must not compromise the productive capacity of our soils or life supporting capacity of our environment.

3. Impact of land uses and activities, including discharges, on the quality of water within our rivers, streams, estuaries and aquifers.

Poor water quality affects instream life, mahinga kai resources, and our ability to swim in, or gather food and drink from, our waters.

Land use and activities include livestock access to waterways; historic river modification; excessive agrichemical use; and, earthworks.

Discharges include:

- Wastewater and stormwater discharges to land/wetlands/water (Rotorua, Te Puke, Maketu/Little Waihi).
- Industrial discharges to water (e.g. Affco, Rangiruru)
- Farm dairy effluent discharges to land or to water.
- Pump station discharges.
- Agrichemicals sprayed too close to stream banks / farm drains, which runs off into water, killing or affecting everything it comes in contact with.

## Our Objectives, Policies and Projects

Objective 1 To take a more holistic and collective approach to sustainable land use and development within our rohe		
The following are ways in which Objective 1 will be achieved:		Lead
Policy 1.1	<p>Councils, landowners and consent applicants to recognise the principle of interconnectedness or “ki uta ki tai” (from the mountains to the sea). This include the localised and cumulative effects of land use and development on:</p> <ul style="list-style-type: none"> <li>the health of our rivers, streams, aquifers and associated habitats and ecosystems.</li> <li>the health of our coastal and estuarine environments, particularly our kaimoana.</li> <li>our cultural heritage and identity.</li> <li>the cultural, social and economic wellbeing of our people.</li> </ul>	BOPRC
Policy 1.2	<p>Provide incentives for, and where needed require, landowners to:</p> <ul style="list-style-type: none"> <li>Exclude stock from rivers, streams, wetlands and their margins. Encourage fencing, where possible, to keep stock away from waterways.</li> <li>Restore and enhance riparian margins.</li> <li>Improve nutrient management onsite.</li> <li>Reduce agricultural and horticultural runoff into rivers and streams.</li> <li>Winter stock away from stopbanks and/or immediately adjacent to rivers and streams, preferably on purpose-built wintering pads (e.g. herd home) where waste can be collected and disposed of appropriately.</li> <li>Restore natural pathways for water within both catchments, particularly in areas with drains.</li> <li>Incentives to include advice and education; funding for projects within long term and annual plans; robust regional and district plan policies and rules as well as effective and enforceable penalties for non-compliance.</li> </ul>	BOPRC, WBOPDC
Policy 1.3	Oppose further intensification of land use (e.g. farming) on floodplains.	NWKM
Policy 1.4	Require all dairy farms to have lined effluent ponds.	BOPRC

<b>Objective 1 To take a more holistic and collective approach to sustainable land use and development within our rohe</b>		
Policy 1.5	Avoid wintering stock on stopbanks and/or immediately adjacent to rivers and streams.	BOPRC
Policy 1.6	Adhere to the engagement protocols in Section 10 of this Plan.	BOPRC, TCC, WBOPDC
Policy 1.7	Advocate for greater recognition and use of intergenerational knowledge (Mātauranga Māori) in sustainable land use and development within our rohe.	NWKM
Policy 1.8	Advocate for land use within our rohe that matches the capability of the land.	NWKM
The following hapū-led project will contribute towards Objective 1:		Lead
Project 1	Mapping project to compare land use within the rohe with land use capability (BOPRC).	BOPRC

<b>Objective 2 Manage the effects of discharges on freshwater and coastal water quality</b>		
The following are ways in which Objective 2 will be achieved:		Lead
Policy 2.1	Advocate for the use of wetlands to provide additional treatment prior to the discharge of contaminants to land or water.	NWKM
Policy 2.2	Advocate for the use of mātauranga-based tools to measure and monitor the cultural impact of consented discharges.	NWKM and BOPRC
Policy 2.3	Require enforcement action for non-compliance of consented discharges to water or to land, in circumstances where it may enter water.	BOPRC
Policy 2.4	Require an annual compliance monitoring report on consented wastewater, dairy shed effluent and stormwater discharges within our rohe.	BOPRC
Policy 2.5	Carry out an audit of permitted and consented discharges of agrichemicals immediately adjacent to surface water bodies, including farm drains. These include, but are not limited to Waitepuia, Otumakoro and Hineahuru.	BOPRC

<b>Objective 2      Manage the effects of discharges on freshwater and coastal water quality</b>		
Policy 2.6	Carry out an effectiveness review of the permitted agrichemical and fertiliser discharge rules, in particular the buffer distance between the discharge and waterbodies.	BOPRC
Policy 2.7	Require consultation for riparian weed spraying programmes within, and adjacent to, culturally significant waterways.	BOPRC
Policy 2.8	Involve Te Rūnanga o Ngāti Whakaue in the Ford Road pump station upgrade project.	BOPRC
Policy 2.9	Work with Regional Council and Kaituna Catchment Control Scheme Advisory Group with regards to the operation and maintenance of: <ul style="list-style-type: none"> <li>• pump stations;</li> <li>• weir and floodgate structures;</li> <li>• canals and drains; and,</li> <li>• stopbanks and riverbank protection.</li> </ul> to ensure that: <ul style="list-style-type: none"> <li>• Our cultural values and interests are protected.</li> <li>• Concerns around sludge and water quality are addressed.</li> </ul>	BOPRC, NWKM
Policy 2.10	Advocate for tangata whenua representation on the Kaituna Catchment Control Scheme Advisory Group.	NWKM
The following hapū-led project will contribute towards Objective 2:		Lead
Project 2	Identify and map culturally significant waterways within the rohe, particularly those tagged as farm drains and/or are subject to riparian weed spraying.	BOPRC and NWKM

<b>Objective 3      Improve and share knowledge about water quality within our rohe</b>		
The following are ways in which Objective 3 will be achieved:		Lead
Policy 3.1	Install more water quality monitoring sites within our rohe as follows: <ul style="list-style-type: none"> <li>• More surface water monitoring, including within drains that feed into our estuaries.</li> <li>• More groundwater quality monitoring, in particular, monitor the risk of saline intrusion</li> </ul>	BOPRC



<b>Objective 3      Improve and share knowledge about water quality within our rohe</b>		
Policy 3.2	Require technical information about water quality to be in plain English and in a user-friendly format.	BOPRC
The following hapū-led project will contribute towards Objective 3:		Lead
Project 3	Develop a hapū-led environmental monitoring programme to measure the health of the environment from a cultural point of view.	NWKM

## 5.2 Air and Air Quality

This sub-section relates to air including air quality.

Air is a taonga which is valued for its life-supporting capability. It contributes to our health and function of our natural environment.

### Our Issues and Challenges

1. Poor air quality affects the health and wellbeing of our people, the environment and all that it sustains.

The potential health impacts of horticultural and agricultural sprays are a particular concern for whānau.

2. Potential health, amenity and landscape impacts of radio wave transmitters and associated structures within residential areas.

The relevant objective and policies are provided in Section 9 of this Plan.

### Our Objective and Policies

<b>Objective 4      The air we breathe is clean and our health and wellbeing is not impacted by discharges to air.</b>		
The following are ways in which Objective 4 will be achieved:		Lead
Policy 4.1	Require consultation, in accordance with the engagement protocols in Section 10 of this Plan, for any resource consent application for air discharges that are close to, or may impact our marae, kohanga reo and kura.	BOPRC
Policy 4.2	Advocate for stringent buffer distances between air discharges and marae, Papakāinga, kura kaupapa, kohanga reo and residential dwellings.	BOPRC
Policy 4.3	Require enforcement action for non-compliance of permitted and consented air discharges.	BOPRC

<b>Objective 4      The air we breathe is clean and our health and wellbeing is not impacted by discharges to air.</b>		
Policy 4.4	Require an annual compliance monitoring report on consented air discharges within our rohe.	BOPRC
Policy 4.5	Advocate for more affordable low emission wood burners for home heating purposes.	NWKM

### 5.3 Water Quantity: Allocation | Use

This sub-section relates to the allocation and use of water from rivers, streams and groundwater aquifers within our rohe.

“Historically where ever there was fresh water this was where the people would build their kainga and pa sites. Fresh water sustained the ‘mauri’ or life force of the people.”

Although freshwater is a renewable resource, it is not limitless.

There are increasing pressures on our limited water resources to sustain a wide range of uses, such as for rural and urban development (e.g. irrigation, drinking water). This creates tension and an imbalance where overallocation occurs, affecting other users (including potential users), instream life and mahinga kai resources.

There is also the added complexity of the cold groundwater resource which shares the same aquifer with the Tauranga Geothermal System (refer Section 5.4).

Te Mana o te Wai, introduced within the National Policy Statement for Freshwater Management, is a concept which represents the overall wellbeing of a water body and its ability to provide for:

- Te Hauora o te Tangata (the health of the people)
- Te Hauora o te Taiao (health of the environment)
- Te Hauora o te Wai (health of the

water body).

This requires a more holistic approach to freshwater management, something which is already inherent with our people.

#### Our Issues and Challenges

1. Inadequate recognition of our values, interests and mātauranga with regards to rivers, stream and aquifers within our rohe.
2. Allocation that has been unsustainable or incompatible with our values.

The allocation and use of water within our rohe has not been sustainable or compatible with our values. Examples include:

- Historical allocation from rivers and streams based only on ecological values and limits.
- Allocation of water in the absence of robust information e.g. how much groundwater can safely be taken near the coast given the risk of saltwater intrusion.
- Allocation which hasn’t considered our current or potential water use for Māori land development.

3. Overallocation of water.

In some parts of our rohe, too much water has been allocated from rivers, streams and groundwater

aquifers. This creates an imbalance; locks out other users (particularly on underutilised Māori Land) and affects instream life and mahinga kai resources.

4. Efficiency of use.

We are concerned that about the practices of some water users, where only a small proportion of consented allocation is actually used (e.g.

waterbanking) or where more water is taken than actually require or where water is wasted.

5. Potential inability to access freshwater to provide social and economic benefits for our people.

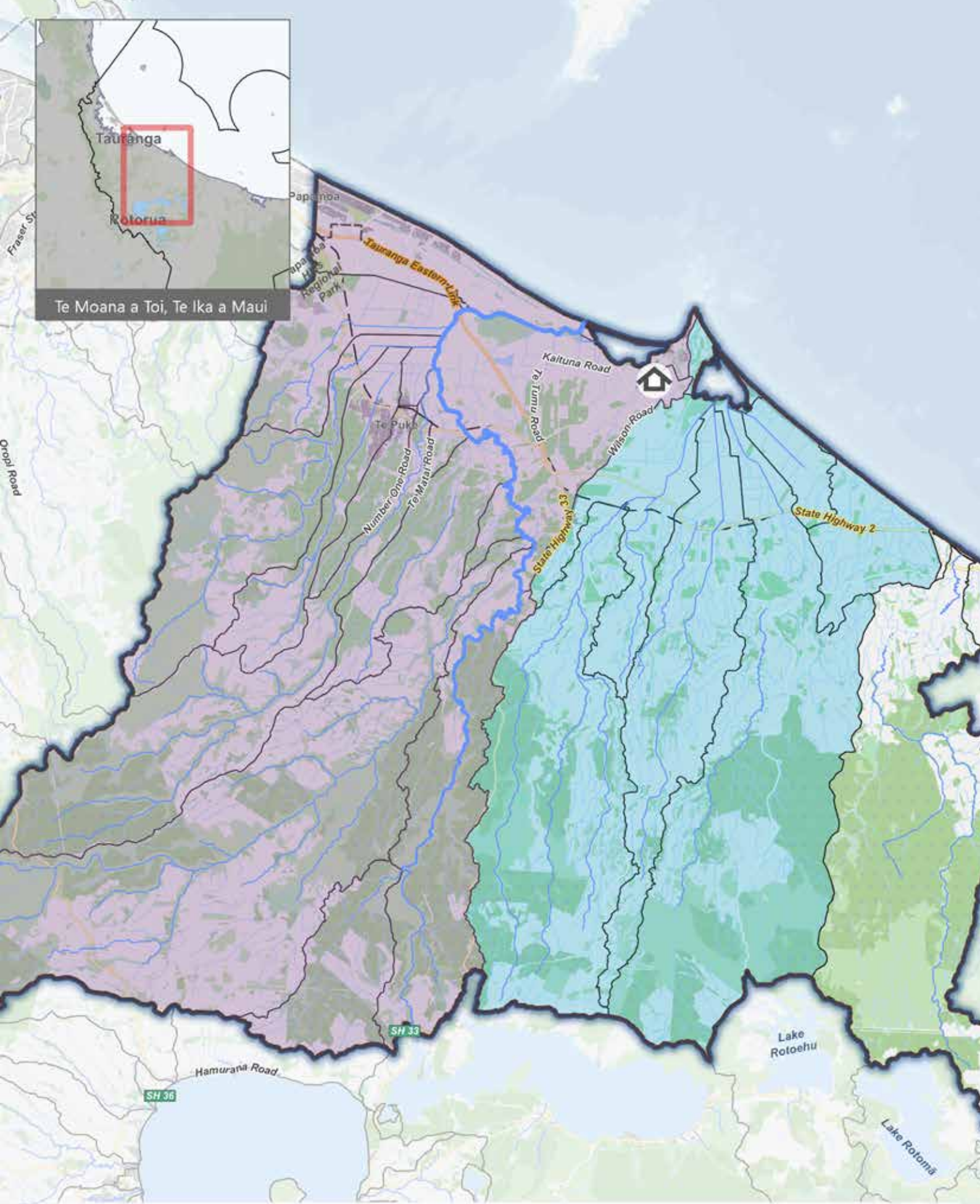
We are worried that, when we are ready to develop our lands, we may not be able to obtain an allocation of the freshwater resource.

## Our Objectives, Policies and Projects

<b>Objective 5 To ensure there is sufficient water for the taiao (first) and for use (second) and that water use is efficient.</b>		
The following are ways in which Objective 5 will be achieved:		Lead
Policy 5.1	Recognise and provide for the national significance of Te Mana o Te Wai within freshwater planning, management and decision making.	BOPRC
Policy 5.2	Advocate for greater recognition and use of intergenerational knowledge (Mātauranga Māori) in freshwater management and planning within our rohe.	BOPRC
Policy 5.3	Provide for freshwater allocation and use on Māori Land, particularly underutilised Māori land and/or Te Arawa settlement lands, to enhance social and economic wellbeing of our people.	BOPRC
Policy 5.4	Ensure that Marae and papakāinga water supplies are not adversely affected by the allocation of freshwater within our rohe.	BOPRC
Policy 5.5	More robust research is carried out on the groundwater resource, in particular, how much cold water that can be taken without affecting the warm water resource.	BOPRC
Policy 5.6	Support greater shared use of allocated water.	BOPRC
Policy 5.7	Support water storage, particularly within urban areas and/or new subdivisions.	BOPRC, WBOPDC, TCC
Policy 5.8	All consented water takes are metered as a requirement of consent.	BOPRC
Policy 5.9	Enforcement action is taken for unauthorised takes and non-compliance of consented water takes.	BOPRC

<b>Objective 5</b>		
<b>To ensure there is sufficient water for the taiao (first) and for use (second) and that water use is efficient.</b>		
Policy 5.10	The engagement protocols in Section 10 of this Plan are adhered to.	BOPRC, TCC, WBOPDC
The following hapū-led project will contribute towards Objective 5:		Lead
Project 4	Develop a hapū-led environmental monitoring programme to measure the health of the environment from a cultural point of view.	NWKM
Project 5	Apply for a resource consent to take water for commercial bottling purposes.	NWKM

<b>Objective 6</b>		
<b>To improve and share knowledge about water quantity and allocation within our rohe</b>		
The following are ways in which Objective 6 will be achieved:		Lead
Policy 6.1	Install more monitoring sites within our rohe to monitor river and stream flows as well as aquifer levels.	BOPRC
Policy 6.2	Raise hapū, public and consent holder awareness about the characteristics, uses and allocation status of our rivers, streams, shallow aquifers and deep aquifers.	BOPRC
Policy 6.2	Require technical information about water quantity, allocation and monitoring to be in plain English and in a user-friendly format.	BOPRC



Legend

- Whakaue Marae
- Waterway
- Indigenous
- Orchard
- Urban
- wetland

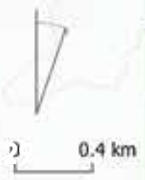
WMA Areas

- Kaituna - Maketu
- Pongakawa
- Surface Catchments

Ngati Whakaue Ki Maketu Plan Maps

**Waterways and surface catchments flowing to Maketu and Little Waihi**

Source: Base map data © OpenStreetMap contributors. License [www.openstreetmap.org/copyright](http://www.openstreetmap.org/copyright).



## 5.4 Geothermal: Water | Heat

This sub-section relates to the geothermal water, heat and energy.

From the time of our ancestors, geothermal water, heat and energy has been used and valued as taonga tuku iho (precious gifts provided by the gods). This is acknowledged in our patere on Page 7 and as follows:

“Mawhiti atu au ki te waiariki koropupū ana i te Rau-o-te-Huia...”

“I leap to the hot springs bubbling at Te Rau o te Huia...”

Beneath our rohe is the Tauranga Geothermal System, which extends from Paengaroa to Waihi Beach. It is a ‘warm water’ system (between 30°C and 70°C) that shares the same aquifer as the cold groundwater resource. The system is mainly used within our rohe for horticultural use (e.g. irrigation and frost protection) and pool heating (e.g. Te Puke Memorial Pool).

### Our Issues and Challenges

1. Insufficient knowledge about the geothermal resource. Very little is known about the geothermal resource, in particular:
  - the amount of warm water, heat or energy that can be taken or used sustainably.
  - the amount of cold water that can be taken from the aquifer without affecting the warm water resource.
  - the risk of salt water intrusion (particularly in relation to predicted sea level rise) and the associated impact on the warm water resource.

2. Risk of permanent cooling if overused. Land use and development within our rohe is placing increasing pressure on our groundwater (including warm water / geothermal) resources.

We are concerned that if too much groundwater is taken, there may be serious consequences for the warm water resource (e.g. localised cooling). We all miss out if this happens.

3. Appropriateness and efficiency of use of the geothermal resource.

We are concerned that the warm water resource is not valued. For example, where the geothermal resource is abstracted for irrigation purposes, but the heat is not required; where a small proportion of consented allocation is used (waterbanking) or more warm water is taken than actually needed.

4. Potential inability to access the geothermal resource to provide social and economic benefits for our people.

We are worried that, when we are ready to develop our lands, we may not be able to obtain an allocation of the geothermal resource for uses. This includes:

- home and water heating associated with marae or papakāinga development.
- thermal bathing pool for our elders and our whānau.
- greenhouse kai production or land-based aquaculture.

## Our Objectives, Policies and Projects

<b>Objective 7 To improve and share knowledge about the Tauranga Geothermal System</b>		
The following are ways in which Objective 7 will be achieved:		Lead
Policy 7.1	<p>More robust research on the Tauranga Geothermal System, in particular, how much:</p> <ul style="list-style-type: none"> <li>• warm water, heat or energy that can be taken or used sustainably; and,</li> <li>• cold water that can be taken from the aquifer without affecting the warm water resource.</li> </ul>	BOPRC
Policy 7.2	Install more monitoring bores within the Tauranga Geothermal System that include temperature profiles and monitoring of salt water intrusion.	BOPRC
Policy 7.3	Annual reporting on all research and monitoring associated with the Tauranga Geothermal System.	BOPRC
Policy 7.4	Annual compliance monitoring report on consented geothermal takes within the Tauranga Geothermal System.	BOPRC
Policy 7.5	Raise hapū, public and consent holder awareness about the characteristics and uses of, and threats to, the Tauranga Geothermal Resource. This must be in plain English and in a user-friendly format.	BOPRC

<b>Objective 8 To sustainably allocate, use and manage geothermal water, heat and energy</b>		
The following are ways in which Objective 8 will be achieved:		Lead
Policy 8.1	<p>A precautionary approach is taken to further allocation of:</p> <ul style="list-style-type: none"> <li>• warm water from the Tauranga Geothermal Resource.</li> <li>• cold water from the same aquifer as the Tauranga Geothermal Resource.</li> </ul> <p>While providing for NWKM aspirations in Policy 8.4.</p> <p><i>In this context, a precautionary approach may include:</i></p> <ul style="list-style-type: none"> <li>• a moratorium on further allocation;</li> <li>• short duration resource consents; and/or</li> <li>• a more stringent consent process.</li> </ul>	BOPRC

<b>Objective 8 To sustainably allocate, use and manage geothermal water, heat and energy</b>		
Policy 8.2	Early involvement of NWKM in all planning associated with the Tauranga Geothermal System, such as the Water Management Area (underway) and the Tauranga System Management Plan (planned).	BOPRC
Policy 8.3	The engagement protocols in Section 10 of this Plan are adhered to.	BOPRC
Policy 8.4	Provide for geothermal resource allocation and use on Māori Land, particularly underutilised Māori land, to enhance social and economic wellbeing of our people.	BOPRC
The following hapū-led project will contribute towards Objective 8:		Lead
Project 6	<p>Explore the feasibility of using the low-temperature geothermal resource for:</p> <ul style="list-style-type: none"> <li>• marae, papakāinga and home heating.</li> <li>• small scale aquaculture or greenhouse horticulture.</li> </ul>	NWKM



Wai Te Puia Springs, Maketu



## 5.5 Coast | Estuaries

This sub-section relates to our coastal and estuarine environments. Fisheries are addressed in sub-section 5.6 of this Plan. Refer to Schedule 1 for our Cultural Heritage Inventory, which includes historical accounts of specific sites and areas, including our estuaries.

Our coastal environment is a source of sustenance and spiritual well-being to tangata whenua. Our estuaries are highly valued as habitat for a diverse range of bird and kaimoana species. They both suffer from poor water quality as a result of upstream land use and are subject to regular health warnings in relation to food gathering. This affects our ability to provide food for ourselves and our manuhiri (visitors, guests).

The Maketu and Waihi Estuaries are highly significant to Ngāti Whakaeu. These natural resources have sustained the people since the landing of Te Arawa canoe at Maketu. The food basket 'Te Pātaka' could feed everyone, the food was plentiful with kahawai, mullet, pātiki, pipi, titiko, pūpū and other varieties of kaimoana (seafood). It was a resource that could replenish easily. The natural resources provided food for all.

A description of the kaimoana (seafood) that could be accessed from the estuary prior to the Kaituna River diversion works in 1957 is provided below:

“From the Maketu estuary we would get pipis, koterotero (sea-anemie), tuangi (cockles), flounder, pārore and titiko.

At the mouth of the estuary there is a rock where we got mussels, we could also get paua, pūpū, scallops kukuroa (horse mussels) and fish.

Outside the estuary we use to haul fish nets from the mouth of the estuary down to Papamoa, we would catch plenty of snapper, kahawai and trevally.”

The size of the seafood was huge, which was because the water was healthy. The food bowl provided well for the Whakaeu marae tables. Because we had seafood in abundance I suppose visitors expected the tables to be filled with all the beautiful seafood (kaimoana) we had in the estuary”. (J. Tapsell)

The diversion of the Kaituna River had devastating consequences for the Maketu Estuary. This included loss of wetland and swamp areas and associated bird habitat as well as loss of freshwater water which depleted habitat, the loss of a variety of shell fish types, loss of fish species and eel stock. A shallower estuary meant that large boats could not dock at the wharf, which was essential for trading. Instead they went to Tauranga, which decimated the local Māori economy.

### Our Issues and Challenges

1. Our coastal environment, including our estuaries, kaimoana, landscapes and way of life is impacted by:
  - Contaminant discharges such as wastewater and stormwater
  - Rivers and streams flowing into our estuaries containing nutrients and sediments from upstream and land use.
  - Development and use of coastal areas, including subdivisions, structures and recreational activities.
  - Historic river modification (straightening and diversion).
2. Inadequate recognition of our values, interests, mātauranga and tikanga within our rohe.

## Our Objectives, Policies and Projects

<b>Objective 9 To manage the effects of coastal use and development on our taiao, our kaimoana and our people.</b>		
The following are ways in which Objective 9 will be achieved:		Lead
Policy 9.1	Oppose the direct discharge of contaminants, especially wastewater, to coastal waters.	BOPRC, TCC, WBOPDC
Policy 9.2	Council to work with landowners to ensure that stock are fenced off from coastal margins, including wetland, estuary and river margins.	BOPRC
Policy 9.3	Councils, landowners and consent applicants to recognise the principle of interconnectedness or “ki uta ki tai” (from the mountains to the sea). This include the localised and cumulative effects of upstream land use as well as <ul style="list-style-type: none"> <li>• coastal use and development on:</li> <li>• the health of our coastal and estuarine environments, particularly our kaimoana.</li> <li>• our cultural heritage.</li> <li>• the cultural, social and economic wellbeing of our people.</li> </ul>	BOPRC
Policy 9.4	Advocate for greater recognition and use of intergenerational knowledge (Mātauranga Māori) in sustainable coastal use and development within our rohe.	NWKM
Policy 9.5	Require the removal of unsafe whitebait stands.	BOPRC
Policy 9.6	Ensure that whitebait stands within our rohe are of an appropriate size, design and colour.	BOPRC
Policy 9.7	Require consultation for: <ul style="list-style-type: none"> <li>• all MBIE permit and Council consent applications to carry out mineral or petroleum prospecting, exploration or mining.</li> <li>• any new or amended rules or bylaws associated with coastal areas, reserves and margins.</li> <li>• energy strategies and/or action plans.</li> <li>• In accordance with the engagement protocols in Section 10 of this Plan.</li> </ul>	BOPRC, TCC, WBOPDC, MPI, MBIE, BOC

<b>Objective 9 To manage the effects of coastal use and development on our taiao, our kaimoana and our people.</b>		
The following hapū-led project will contribute towards Objective 9:		<i>Lead</i>
Project 7	Progress the application for Coastal Marine Title and Protected Customary Rights (under Takutai Moana Act)	NWKM
Project 8	Develop a hapū-led environmental monitoring programme to measure the health of the coastal and estuarine environments from a cultural point of view.	NWKM

<b>Objective 10 To restore the health and wellbeing of the Waihi Estuary such that kaimoana is healthy and plentiful</b>		
The following are ways in which Objective 10 will be achieved:		<i>Lead</i>
Policy 10.1	Improve hapū, public and landowner awareness and appreciation about Waihi estuary, including ecosystem values, threats and restoration.	BOPRC
Policy 10.2	Advocate for greater recognition and use of intergenerational knowledge (Mātauranga Māori) in improving the health and wellbeing of Maketu Estuary.	NWKM
Policy 10.3	Require a 5-yearly State of the Environment Report for the Waihi Estuary catchment.	BOPRC
Policy 10.4	Support and/or be involved in developing and implementing strategies or plans that result in: <ul style="list-style-type: none"> <li>Improved water quality.</li> <li>Enhanced biodiversity, specifically indigenous fauna and vegetation.</li> <li>Community or hapū-led action.</li> </ul>	NWKM
The following projects will contribute towards Objective 10:		<i>Lead</i>
Project 9	Explore the feasibility associated with co-management of the Waihi Estuary.	NWKM, BOPRC, Other
Project 10	Develop a Catchment Action Plan focused on land management issues and actions to improve water quality.	Iwi, DOC, TALT, local Community Groups
Project 11	Develop a Biodiversity-focused Restoration Plan for Waihi Estuary (including the islands and tributaries), which complements / links with existing community group plans and initiatives.	
Project 12	Develop an environmental monitoring programme for Little Waihi Estuary including the use of cultural indicators.	NWKM, Other Iwi

<b>Objective 11 To restore the health and wellbeing of the Maketu Estuary such that kaimoana is healthy and plentiful</b>		
The following are ways in which Objective 11 will be achieved:		Lead
Policy 11.1	Require a 5-yearly State of the Environment Report for the Maketu Estuary.	BOPRC
Policy 11.2	Ensure that the Regional Council maintains its commitment to return 75 percent of freshwater to Maketu estuary.	BOPRC, NWKM
Policy 11.3	Advocate for greater recognition and use of intergenerational knowledge (Mātauranga Māori) in improving the health and wellbeing of Maketu Estuary.	NWKM
The following projects will contribute towards Objective 11:		Lead
Project 13	Develop an environmental monitoring programme for Maketu Estuary including the use of cultural indicators.	NWKM, Other Iwi
Project 14	Monitor the impact of the Kaituna re-diversion, from a cultural point of view, on the inner harbour.	NWKM



The original Maketu Action Group

## 5.6 Fisheries | Kaimoana

This sub-section relates to our fisheries, within freshwater, estuarine and coastal environments. It includes taonga species such as shellfish (e.g. kuku), tuna (eel) and coastal seaplants (e.g. karengo / edible seaweed, pia whakatipu / agar).

Our fisheries are a taonga, providing food for ourselves and our manuhiri (visitors) as well as the ability to pass on traditional methods of collecting and preparing kai.

Our kaimoana provides for our cultural, social and economic wellbeing.

In particular:

### **Eels are a source of rich nutrients:**

“Eels were everywhere, there was no need for eel weirs such as hinaki (trap), most just used a number 8 wire to spear eels.

Eels are a very, very good source of Omega 3 and all the vital nutrients that were needed to be healthy. There was little suffering of diabetes and heart disease when we had an abundance of Māori kai available...”

- NWKM Cultural Impact Assessment for Kaituna River Re-diversion 2014

### **Agar was a source of employment and income for whānau:**

“In Maketu the remaining people at home, consisting of women, kaumatua and young children, set to work gathering agar seaweed.

The rocky shoreline on the western side of Maketu’s Town Point was dotted with makeshift shelter for families who devoted their time at low tide gathering agar and filling flax kits. It was spread out on vegetation above the shoreline and at the bottom of the cliff.

Once dried and crisp to touch the agar was bagged and taken to homes to be cleaned of broken shells and other sea debris. On a regular basis the carrier drivers would arrive to bale-up the agar and weigh the bags. The local gatherers received one shilling and threepence (13 cents) per pound.

The agar was transported by carrier to Mangere in Auckland and sent on to Christchurch for refining into a food preservative, antibacterial iodine and seameal custard for the soldiers overseas.”

- from <https://mlt.org.nz/tag/Maketu/>

The traditional fishing grounds for Ngāti Whakaue are inclusive of Maketu, and the common marine areas out to Otāiti (Astrolab Reef).

A number of tools are available to sustainably manage traditional customary fishing grounds including taiāpure, mātaimai, rohe moana and rāhui. Within our rohe are:

- The Maketu Taiāpure which was established in 1996. The founders include Aroha and Barrie Wilkinson who, with the assistance of Peter Tapsell (Minister), formed a Taiāpure Management area. This area runs from Wairakei to Otamarakau and is managed by a Taiāpure Committee. Their main role is to care for the kaimoana stocks which includes shellfish beds and rocks.
- A rohe moana is also proposed within our rohe.

We have aspirations of restoring our traditional fisheries and kaimoana, in particular tuna (eel); shellfish and traditional seaplants (e.g. karengo / edible seaweed, pia whakatipu / agar), either for customary use or on a commercial basis.

This could involve restoration of traditional fishing grounds or developing new ventures e.g. associated with a wetland restoration project.

Restoring our traditional fisheries and kaimoana provides social and economic benefits for our people. The 'farming' of our traditional sea plants requires nutrients to thrive. This provides an added environmental benefit given the quality of water flowing from our rivers and streams into our estuaries and moana.

### Our Issues and Challenges

1. Reduced fish, kaimoana and seaweed stocks.

This affects our ability to provide food for ourselves and our manuhiri. Reasons include, but are not limited to, poor water quality, loss of habitat, fish passage impediments, pest and animals and plants, river modification / straightening and over fishing / overharvesting.

2. Loss of traditional knowledge and practices.

Our traditional knowledge and practices are held by a few, particularly our elders. This presents a risk for our hapū if this knowledge is not passed down to younger generations.

3. Limited employment within our rohe.

There is no industry growth to retain whānau remaining in Maketu, therefore whānau are moving out of Maketu to the cities and overseas to source work. This is also a hindrance for whānau who want to move home.

4. Barriers to agar farming.

Pia whakatipu / agar can only grow within the rocky coastal areas from Maketu to Newdick's Beach. Historically, Agar was a source of employment and income for whānau. There are a number of barriers to re-establishing agar farming within our rohe.

### Our Objective, Policies and Projects

<b>Objective 12 To restore and sustainably manage our taonga fish, shellfish and seaweed species to in turn, enhance our cultural, social and/or economic wellbeing</b>		
The following are ways in which Objective 12 will be achieved:		Lead
Policy 12.1	Promote and support efforts to restore and enhance habitat for taonga fish, shellfish and seaplant species. This includes but is not limited to water quality improvement; riparian planting as well as pest animal and plant control.	NWKM, BOPRC
Policy 12.2	Advocate for improved access to, and along, waterways e.g. Esplanade Reserves, walkways/cycleways.	NWKM, TCC, WBOPDC
Policy 12.3	Assess and remove impediments to fish passage.	BOPRC
Policy 12.4	Advocate for the use of rāhui as a customary management tool to protect and restore kaimoana stocks, particularly kuku (mussels). This may be a tikanga-led rāhui (imposed by kaumatua) and/or a formalised rāhui under Section 186B of the Fisheries Act 1996.	NWKM, Other Iwi, MPI

<b>Objective 12 To restore and sustainably manage our taonga fish, shellfish and seaweed species to in turn, enhance our cultural, social and/or economic wellbeing</b>		
Policy 12.5	<p>Work with others to:</p> <ul style="list-style-type: none"> <li>educate the community and visitors to our rohe regarding customary fishery management tools and limits on recreational takes.</li> <li>ensure compliance with recreational take limits.</li> <li>additional legal mechanisms to protect and restore kaimoana species (e.g. rāhui for certain species or prohibiting the use of certain fishing methods).</li> </ul>	MPI, Maketu Taiāpure Committee
Policy 12.6	<p>Work with the Maketu Taiāpure Committee to</p> <ul style="list-style-type: none"> <li>determine where to focus kaimoana restoration efforts within the Maketu Taiāpure.</li> <li>discuss aspirations for aquaculture (i.e. seaweed, agar) within the Maketu coastal area.</li> </ul>	NWKM
Policy 12.7	<p>Work with the Department of Conservation and coastal Iwi to develop and/or review a protocol associated with whale strandings.</p>	NWKM, DOC
Policy 12.8	<p>Encourage collaborative research and monitoring projects between tangata whenua and scientists, that address customary fish and marine issues using both Mātauranga Māori / traditional knowledge and mainstream science.</p>	NWKM
Policy 12.9	<p>Provide for, and enable, hapū-led aquaculture that is sustainable and in accordance with tikanga Māori, particularly where:</p> <ul style="list-style-type: none"> <li>alternative opportunities to enhance Māori development are limited;</li> <li>to revitalise past practices (e.g. agar production);</li> <li>there are opportunities to grow our knowledge base and up skill our labour force;</li> <li>there are opportunities to supplement or complement natural fish, shellfish and seaweed stocks.</li> </ul>	BOPRC, MPI
Policy 12.10	<p>Ensure that Ngāti Whakaue ki Maketu are informed about, and involved in, the implementation of the Bay of Plenty Aquaculture Strategy.</p>	NWKM, Bay of Connections
Policy 12.11	<p>The engagement protocols in Section 10 of this Plan are adhered to</p>	BOPRC, TCC, WBOPDC

<b>Objective 12 To restore and sustainably manage our taonga fish, shellfish and seaweed species to in turn, enhance our cultural, social and/or economic wellbeing</b>		
The following hapū-led project will contribute towards Objective 12:		Lead
Project 15	<b>Cultural Knowledge and Practices</b>  Hold wananga with whānau to share traditional knowledge and practices relating to our taonga fish, shellfish and seaplant species. This includes practices around growing, harvesting and storage.	NWKM
Project 16	<b>Tuna Restoration</b>  Undertake a tuna restoration project as part of the Pourepo o Kaituna - Lower Kaituna wetland extension project.	NWKM, working with Tapuika and BOPRC
Project 17	<b>Kaimoana Restoration</b>  Undertake a kaimoana restoration project within the Maketu Taiāpure area. This area is within the Ngāti Whakaue application for Coastal Marine Title and Protected Customary Rights (under the Takutai Moana Act).	NWKM, working with the Maketu Taiāpure Committee





<b>Objective 12 To restore and sustainably manage our taonga fish, shellfish and seaweed species to in turn, enhance our cultural, social and/or economic wellbeing</b>		
Project 18	<p><b>Aquaculture Feasibility Study</b></p> <p>Review and update the aquaculture feasibility study (previously carried out in 2009) which:</p> <ul style="list-style-type: none"> <li>• Takes into account changes since 2009 (e.g. new regional coastal plan, updated Bay of Plenty aquaculture strategy).</li> <li>• Confirms hapū aspirations.</li> <li>• Confirms the steps needed to progress 1-2 pilot projects within our rohe. This includes: <ul style="list-style-type: none"> <li>- Species to be grown (e.g. tuna, koura, seaweed) and associated habitat requirements.</li> <li>- Method (e.g. coastal, freshwater or land-based), scale (e.g. small scale / marae use or commercial use) and associated infrastructure requirements.</li> <li>- Planning requirements and permissions for research/pilot study, development and processing (i.e. from regional council, district council, Ministry for Primary Industry and Department of Conservation).</li> </ul> </li> </ul>	NWKM
Project 19	<p><b>Seaweed Pilot Project</b></p> <p>Progress a pilot project to grow karengo and/or produce pia whakatipu /agar.</p>	NWKM supported by MPI



## 5.7 Wetlands

We value the wetlands within our rohe as an important land use, habitat and ecosystem as well as a source of cultural materials (e.g. for weaving) and food. They are known and valued as 'nature's kidneys' for their ability to filter nutrients and sediments, and for managing water flow within a catchment, particularly after heavy rain.

Wetlands provide a vital role within our rohe but have not, in the past, been valued as such.

We have lost large areas of wetlands within our rohe as a result of land drainage, grazing, pests and river modification. The Kaituna River no longer meanders. What used to be wetlands next to the Kaituna River is now farmland, which in turn requires stopbanks, canals, drains and pump stations to keep the area dry. In this context, the natural environment needs to be 'controlled' so that land use is productive.

### Our Issue and Challenge

1. Reduced size, diversity and health of wetlands within our rohe as a result of human activity and land use practices.




This has impacted on the natural function of, and balance within, our environment.

We 'control' the natural environment to ensure the land is dry for productive use rather than valuing the vital role of wetlands in the health of our environment as a whole.







Legend

-  Whakaue Marae
-  Waterway
-  Highway

Wetland Extents

-  Current Wetland Extent
-  Pre Human Arrival

Ngati Whakaue Ki Maketu Plan Maps  
**Extent of wetlands pre human arrival compared to 2016**



Source: Base map data © OpenStreetMap contributors, License: [www.openstreetmap.org/copyright](http://www.openstreetmap.org/copyright), DEM & Aerial Photo: UNZ BOP 0.25m Rural (2005-2013), UNZ BOP 0.125m Urban Photo (2014-2015), UNZ BOP 0.4m Rural (2010-2012), UNZ distributed BOP DSM 2015, Copyright owned by BOFEASS (Inc) - CC BY 4.0, Wetland from: [ME.itsaif.govt.nz/layers/2017-pretidiation-of-wetlands-before-human-arrival/](http://ME.itsaif.govt.nz/layers/2017-pretidiation-of-wetlands-before-human-arrival/) - CC BY

## Our Objective, Policies and Projects

<b>Objective 13 To have more wetland ecosystems that provide healthy habitats for flora and fauna and access for cultural and educational use.</b>		
The following are ways in which Objective 13 will be achieved:		Lead
Policy 13.1	Oppose further drainage of wetland areas within our rohe.	NWKM
Policy 13.2	Advocate for an increase in the extent of wetlands within our rohe, particularly in areas where wetness is a limitation e.g. gullies, high water table areas.	NWKM, BOPRC
Policy 13.3	Advocate for the use of wetlands for wastewater discharges as well as stormwater discharges associated with land development (e.g. subdivisions).	NWKM, BOPRC, WBOPDC, TCC
Policy 13.4	Advocate for greater recognition and use of intergenerational knowledge (Mātauranga Māori) in the use and enhancement of wetlands.	NWKM
Policy 13.5	Improve hapū, public and landowner awareness and appreciation about wetland ecosystems, threats and restoration. This includes a map showing the location of all wetlands within our rohe.	BOPRC, DOC
Policy 13.6	Ensure that funding is set aside within long term and annual plans to enable: <ul style="list-style-type: none"> <li>• wetland creation, restoration and enhancement projects.</li> <li>• pest animal and plant removal within, and adjacent to, wetlands.</li> </ul>	BOPRC, WBOPDC, TCC
Policy 13.7	Require permanent fencing of wetlands to exclude livestock.	BOPRC, WBOPDC, TCC
Policy 13.8	Require annual monitoring and reporting on the health and extent of the wetlands within our rohe.	BOPRC
Policy 13.9	Ensure that freshwater limit setting within Water Management Areas provides for wetland health.	NWKM, BOPRC
Policy 13.10	Ensure that wetland planting plans includes a mixture of wetland, swamps and salt marsh vegetation in particular: wiwi grass, manuka, boumea rushes, kawakawa, harakeke, ponga, fern and watercress (edible quality).	BOPRC, DOC

<b>Objective 13 To have more wetland ecosystems that provide healthy habitats for flora and fauna and access for cultural and educational use.</b>		
Policy 13.11	<p>Advocate for opportunities to enhance the amount and diversity of rongoā plants and cultural materials within wetlands (e.g. harakeke, raupō, paru). This includes:</p> <ul style="list-style-type: none"> <li>• Having input into wetland restoration planting plans.</li> <li>• Being involved in wetland planting days.</li> <li>• Enabling access to wetlands to harvest rongoā plants and cultural materials.</li> </ul>	NWKM, BOPRC
Policy 13.12	<p>Advocate for the use of new and existing wetlands as educational and recreational facilities. This includes:</p> <ul style="list-style-type: none"> <li>• Walking trails within and adjacent to wetlands.</li> <li>• Education kāinga to be used by local kura and schools for environmental and cultural education purposes.</li> <li>• Information boards or signage.</li> </ul>	NWKM
Policy 13.13	<p>Involve Te Rūnanga o Ngāti Whakaue ki Maketu in the development and implementation of landscape plans and wetland restoration plans to give effect to Policies 13.10-13.12 of this Plan.</p>	BOPRC, TCC, WBOPDC, DOC
<p>The following hapū-led project will contribute towards Objective 13:</p>		Lead
Project 20	<p><b>Te Pourepo o Kaituna - Collaborative wetland project</b></p> <p>A new wetland is proposed immediately downstream of the new Kaituna River bridge. This project must incorporate the following:</p> <ul style="list-style-type: none"> <li>• Appropriate planting of indigenous wetland plants.</li> <li>• The use of water from the Kaituna River to feed into the wetland.</li> <li>• The use of portion of the land for aquaculture or commercial use.</li> <li>• Co-management of the wetland, particularly in relation to wetland planning, design and implementation.</li> </ul>	NWKM, working with Tapuika and BOPRC

## 5.8 Ecosystems: Biodiversity | Habitats

This sub-section relates the following:

- Biodiversity - the variety of plant and animal life in the world or in a particular habitat, ecosystems are generally robust when biodiversity is high
- Habitats - Where we live, where flora and fauna thrive.
- Ecosystems - the interconnected system of biological organisms and the physical environments

The natural environment our rohe is a part of unique interconnected areas, changing dramatically from forested upper catchments and lake fed rivers to high-quality soils in lower flood plain areas with wetlands, estuarine systems and coastal sand dunes and beaches. These interconnected environments are habitats to many indigenous flora and fauna.

Robust and diverse ecosystems are valuable because they provide habitat for flora and fauna and we benefit through

clean environments, plentiful mahinga kai, intrinsic value of having native flora and fauna for now and future generations.

### Our Issues and Challenges

1. Pest plants. The small pockets of indigenous ngahere (forest) left are scattered with pest plants, including woolly nightshade and tradescantia, which has increasingly persistent and abundant. Pampas is growing in our wetlands, along our river banks and estuarine margins.
2. Pest animals such as possums, deer and rats have decimated our native fauna and our taonga bird species.
3. Ecosystems as a whole. The health of ecosystems as a whole – has not always been considered within our rohe. Biodiversity has been lost, we have more pest plant and animal threats, we have a loss of habitats for our flora and fauna. Land development for productive use and urban development has taken priority over ecosystems within our taiao. Wetlands are drained, river straightened, ngahere cut down.

### Our Objective, Policies and Projects

<b>Objective 14 To restore the balance, health and diversity of ecosystems to enable habitat enhancement for our valued flora and fauna.</b>	
The following are ways in which Objective 14 will be achieved:	
	Lead
<p>Policy 14.1</p> <p>Value and manage our taiao as a network of interconnected ecosystems. This would involve:</p> <ul style="list-style-type: none"> <li>• Ensuring that projects and programmes take a mountains to the sea ('ki uta ki tai') approach.</li> <li>• Valuing, restoring and incorporating habitats for flora and fauna into productive land systems.</li> <li>• Agencies working together internally (across teams) and externally (with each other) towards this goal.</li> <li>• Incorporating tangata whenua values and knowledge systems into projects and programmes.</li> </ul>	<p>TCC, WBOPDC, BOPRC, DOC</p>

<b>Objective 14 To restore the balance, health and diversity of ecosystems to enable habitat enhancement for our valued flora and fauna.</b>		
Policy 14.2	<p>Pursue opportunities to work collaboratively to restore and enhance our indigenous biodiversity, in particular native plants and birds. This would involve:</p> <ul style="list-style-type: none"> <li>• Central and local government.</li> <li>• Tangata whenua, landowners, community groups and environmental or biodiversity forums.</li> <li>• Research entities such as Manaaki Te Awanui or Manaaki Whenua (Landcare Research).</li> <li>• Tertiary education providers such as Waikato University, Toi Oho Mai or Te Whare Wānanga o Awanuiarangi.</li> </ul>	BOPRC, DOC, NWKM, Maketu Ongatoro Wetland Society
Policy 14.3	<p>Promote the creation and/or connection of pathways for our flora and fauna comprising corridors of ngahere, wetlands, riparian margins and other habitats. This should be prioritised as follows:</p> <ul style="list-style-type: none"> <li>• From our upper catchments to the coast.</li> <li>• Connecting fragmented habitats within, and across, catchments.</li> </ul>	TCC, WBOPDC, BOPRC, DOC, NWKM
Policy 14.4	<p>Advocate for greater recognition and use of intergenerational knowledge (Mātauranga Māori) in ecosystem and habitat enhancement within our rohe.</p>	NWKM
Policy 14.5	<p>Require riparian planting on the edges of the river banks using plant species that will benefit our taonga fish species such as inanga (whitebait) and tuna (eels). This could include:</p> <ul style="list-style-type: none"> <li>• Wiwi grasses - used by inanga as a safe place to lay their eggs.</li> <li>• Native trees overhanging river banks to provide shade, cool instream temperatures and dark spaces for native fish species.</li> </ul> <p>Specific areas of concern include the Kaituna, Kaikōkopu Pongakawa and Wharere waterways and associated tributaries.</p>	BOPRC
Policy 14.6	<p>Restore native plants species and diversity that has been lost from the Maketu and Little Waihi areas by replanting, grafting and re-vegetating. This would include planting, in abundance, of wiwi grass, manuka, boumea rushes, kawakawa, harakeke, ponga, fern, indigenous coastal trees and watercress (edible quality).</p>	NWKM, BOPRC, Maketu Ongatoro Wetland Society

<b>Objective 14 To restore the balance, health and diversity of ecosystems to enable habitat enhancement for our valued flora and fauna.</b>		
Policy 14.7	<p>Improve hapū, public and landowner awareness and appreciation about the:</p> <ul style="list-style-type: none"> <li>value and significance of biodiversity within our rohe.</li> <li>threats to biodiversity within our rohe, particularly land use and development as well as pest plants and animals.</li> <li>ways to restore and enhance biodiversity within our rohe, and showcasing the efforts of landowners and community groups.</li> </ul>	BOPRC
Policy 14.8	Control and monitor pest animals around the Maketu and Little Waihi estuarine areas to ensure our indigenous flora particularly our bird species, can thrive.	BOPRC, NWKM, Maketu Ongatoro Wetland Society
Policy 14.9	<p>Control and monitor pest plants within our rohe as follows:</p> <ul style="list-style-type: none"> <li>Target species should include woolly nightshade, tradescantia and other invasive weeds.</li> <li>Target areas should include riparian margins, wetlands, coastal margins, gullies and pockets of ngahere in the Maketu and Little Waihi areas.</li> <li>Revegetate areas, where pest control has occurred, with indigenous vegetation to prevent reestablishment of pest plants.</li> <li>Funding is set aside to enable ongoing control and monitoring of pest plants within our rohe.</li> </ul>	BOPRC, NWKM, Maketu Ongatoro Wetland Society
Policy 14.10	<p>Eradicate pampas within our rohe as follows:</p> <ul style="list-style-type: none"> <li>Target areas to include river margins and upper catchment areas, particularly around forestry blocks.</li> <li>Revegetate control areas with indigenous vegetation to prevent reestablishment of pest plants.</li> <li>Improve hapū, public and landowner awareness about the difference between pampas and toetoe.</li> <li>Funding is set aside to enable eradication and monitoring within our rohe.</li> </ul>	
The following hapū-led project will contribute towards Objective 14:		Lead
Project 21	Develop and pest animal and plant programme on for the Maketu and Little Waihi areas.	BOPRC, DOC



<b>Objective 14</b>	<b>To restore the balance, health and diversity of ecosystems to enable habitat enhancement for our valued flora and fauna.</b>	
Project 22	Develop a Pampas control programme for the Maketu and Little Waihi areas.	BOPRC, DOC
Project 23	Establish an ecological corridor for native birds.	NWKM, DOC, BOPRC

## 5.9 Natural Hazards & Climate Change

Our rohe is vulnerable to natural hazards and the effects of climate change. Our main hazards are those caused by intense rainfall (flooding) and coastal processes (coastal inundation and erosion). Large areas of our rohe are already at risk of flooding (illustrated below)

Climate change will exacerbate these risks. Our marae is located on low lying land. Likewise, for parts of Little Waihi village. Land, currently used for productive purposes, will also be affected through rising and/or saline water tables. Sea level rise will also affect our coastal wetlands.

Climate change will also have an impact on our indigenous biodiversity through

warming air temperatures and warming river/stream/coastal waters. This may affect the extent, distribution and health of our native trees, birds and mahinga kai species. We may also see more pest plants and animals.

### Our Issues and Challenges

1. Our rohe is vulnerable to flooding and coastal erosion. This, in particular, places our marae and our people at risk.
2. Climate change will have a significant impact within our rohe. It will have significant effects on our natural environment, our marae, our productive lands and our people.

### Our Objective, Policies and Projects

<b>Objective 15</b>	<b>We are prepared for, and resilient to, flooding, coastal erosion and the effects of climate change</b>	
The following are ways in which Objective 15 will be achieved:		Lead
Policy 15.1	<p>Strategies, plans and policies must consider and take into account:</p> <ul style="list-style-type: none"> <li>• The impacts of climate change and the risks associated with natural hazards within our rohe, in particular flooding.</li> <li>• The effects of the above on our cultural and social wellbeing; particularly our marae as well as sites and areas of cultural significance.</li> </ul>	CDEM, BOPRC, WBOPDC, TCC

<b>Objective 15 We are prepared for, and resilient to, flooding, coastal erosion and the effects of climate change</b>		
Policy 15.2	Build hapū and whānau awareness about: <ul style="list-style-type: none"> <li>• Known natural hazards and risks within our rohe.</li> <li>• How climate change may affect our lands and buildings, particularly our marae.</li> <li>• How to adapt and prepare for natural hazards, particularly those exacerbated by climate change.</li> </ul>	CDEM, BOPRC, WBOPDC, TCC, NWKM
Policy 15.3	Require technical information about natural hazards and climate change impacts to be in plain English and in a user-friendly format.	CDEM, BOPRC, WBOPDC, TCC
Policy 15.4	Work with the Bay of Plenty Region Emergency Management Group to ensure that a Marae preparedness plan is in place for Ngāti Whakaue marae. This would outline: <ul style="list-style-type: none"> <li>• Known natural hazards and risks to the marae.</li> <li>• Resources on hand to look after people and the vulnerable people in the community.</li> <li>• Contingencies in the event our marae is at immediate risk of flooding.</li> <li>• Key contacts of people that could be called upon in the event of an emergency.</li> </ul>	NWKM, BOPRC, CDEM
Policy 15.5	Advocate for Māori representation within the Bay of Plenty Region Emergency Management Group.	NWKM
The following hapū-led projects will contribute towards Objective 15:		Lead
Project 24	Commission and/or collate research to understand the impact of climate change within our rohe, in particular: <ul style="list-style-type: none"> <li>• Impacts on our indigenous biodiversity, including our native trees, birds, kaimoana and mahinga kai species.</li> <li>• Impacts on water availability and quality.</li> <li>• Impacts on multiple owned Māori land and/or Te Arawa settlement lands.</li> </ul>	NWKM, TAML, TALT, WBOPDC and BOPRC
Project 25	Identify long term options for whānau buildings on low lying land, in particular, addressing the potential risks of flooding and sea level rise for Whakaue Marae.	NWKM, TAML, TALT



Te Moana a Toi, Te Ika a Maui



### Elevation Above MHWM

	< 0.5 m
	0.5 m - 1.0 m
	1.0 m - 1.5 m

### Ngati Whakaue Ki Maketu Plan Maps Elevation above MHWM in Maketu area and Little Waihi Area

### Legend

	Whakaue Marae
	Waterway
	Highway

Source: Base map data © OpenStreetMap contributors, License [www.openstreetmap.org/about](http://www.openstreetmap.org/about), DEM & Aerial Photos: LINZ BCIP 02/01/14, Rail: GCS: 2011, 14/12/2011, 0:00, Vector Photos: (2014-2018), LINZ BCIP 0:14/11/2014, INE: 14/11/2014, BCIP: DEM 2015, Copyright: Crown of NZ, CC-BY-SA 4.0

## 6. Our Cultural Heritage, Identity and Knowledge

Our rohe, particularly Maketu, has a long and rich history. It contains culturally significant sites, areas and landscapes of significance to Ngāti Whakaue and Te Arawa, as a whole.

Archaeological reports have only just touched the surface for this area.

This section refers to our connections to our past, which shape who we are today.

“The mauri of our people is intertwined with our history”

Our cultural heritage and identity are defined by our historic footprint or markers e.g. where our waka landed; where we located our settlements; where we gathered food; where we battled etc. While many of these areas are no longer visible or obvious, they still live on within our people. Our whakapapa connects our people to our ancestors and to the land.

**Refer to Schedule 1 for our Cultural Heritage Inventory, which includes an inventory and historical accounts of sites and areas of significance to Ngāti Whakaue ki Maketu.** This section looks at ways in which:

- our cultural heritage can be protected from the impacts of land use and development.
- we can reconnect whānau (spiritually) back to their lands; strengthen cultural identity and pride; and, create a sense of belonging.
- build and share our traditional, collective and intergenerational knowledge, including customary practices, traditions and activities.

- 6.1 Protection of Cultural Heritage
- 6.2 Our Cultural Heritage, History and Identity
- 6.3 Traditional Knowledge and Practices

Our cultural heritage include the following:

**Physical / tangible heritage places can be described as those land-based places created, formed or shaped by earlier inhabitants**

**Examples include archaeological sites, such as**

- pa (fortified occupation site)
- middens and oven stones
- kāinga/papakāinga (occupation site)
- maara (garden cultivations)
- urupā (known burial places)
- mineral and stone resource sites
- tauranga waka (ancestral canoe landings)

**as well as marae buildings and structures (i.e. flagpoles, gateways).**

**Natural heritage places may be natural features associated with traditional activities or a tribal landmark where no human activity is evident.**

**Examples of natural features associated with traditional activities include springs, trees, swamp, caves. These related to:**

- wāhi taonga mahi-a-ringā (resource sites for art materials)
- wāhi mahinga kai (food gathering)

Examples of tribal landmarks include maunga, awa, whenua, moana. These landmarks marked tribal boundaries. Landforms such as maunga also embody creation stories and whakapapa.

**Intangible** heritage places are those places that have intangible characteristics where no visible feature or evidence is present but where a significant event or traditional activity took place

**Examples include** battlefield; places of meeting, of learning, of ritual as well as taniwha den.



## 6.1 Protection of Cultural Heritage

This section focuses on ways in which our cultural heritage can be protected from the impacts of land use and development, particularly earthworks.

### Our Issues and Challenges

1. Effects of land use and development on our cultural heritage and history. We are concerned about the adverse effects of:

- land disturbance activities such as earthworks and utility installation.
- land development occurring at Wairakei; on Te Tumu Lands; and at the Rangiuru Business Park.
- on our cultural heritage, which are at risk of damage, modification or destruction.

### Our Objective, Policies and Projects

<b>Objective 16 To protect our cultural heritage from damage, modification or destruction as a result of land disturbance activities and development.</b>		
The following are ways in which Objective 16 will be achieved:		Lead
Policy 16.1	<b>Scheduled or registered cultural heritage sites</b> No unauthorised excavation or disturbance of sites scheduled within a District Plan and/or registered with Heritage New Zealand Pouhere Taonga.	BOPRC; WBOPDC; TCC; HPT
Policy 16.2	<b>Scheduled or registered cultural heritage sites</b> Require consultation and a cultural impact assessment for any activity within 100m of a scheduled or registered cultural heritage site.	BOPRC; WBOPDC; TCC; HPT
Policy 16.3	<b>Accidental Discovery Protocols</b> Require Accidental Discovery Protocols, outlined in Section 11.2 of this Plan, as a condition to a resource consent and/or archaeological authority to damage, modify or destroy a cultural heritage site.	BOPRC; WBOPDC; TCC; HPT
Policy 16.4	<b>Cultural Monitors</b> Require the use of Ngāti Whakaue cultural monitors for land disturbance activities in areas with a high risk of kōiwi tangata (human remains) or archaeological artefacts of Māori origin.	BOPRC; WBOPDC; TCC; HPT
Policy 16.5	<b>Cultural inductions / training</b> Require contractor briefings or inductions by cultural monitors prior to the commencement of land disturbance activities. This is to ensure they understand the historical context of the area within which they are working.	BOPRC; WBOPDC; TCC; HPT

<b>Objective16 To protect our cultural heritage from damage, modification or destruction as a result of land disturbance activities and development.</b>		
Policy 16.6	<p><b>Cultural inductions / training</b></p> <p>Pursue opportunities to provide training to Council staff and resource consent applicants about the cultural, spiritual and historical significance of our cultural heritage sites, areas and landscapes. This may include sites visits, presentations and workshops.</p>	NWKM supported by BOPRC, WBOPDC, TCC
Policy 16.7	<p><b>New scheduled or registered cultural heritage sites</b></p> <p>Formally schedule or register more cultural heritage sites within District Plans and/or with Heritage New Zealand Pouhere Taonga.</p>	NWKM, WBOPDC, TCC
Policy 16.8	<p><b>Information about scheduled or registered cultural heritage sites</b></p> <p>Protect sensitive information pertaining to our scheduled sites (e.g. via Silent Files).</p>	BOPRC; WBOPDC; TCC; HPT
Policy 16.9	<p><b>Information about scheduled cultural heritage sites</b></p> <p>Ensure that publicly available information about our scheduled sites is accessible on Council online mapping sites. This is so that developers are aware of the scheduled site location, NZAA reference number and type (e.g. pa, urupā).</p>	WBOPDC; TCC
Policy 16.10	<p><b>Long term management and protection of sites</b></p> <p>Work with whānau to determine how our sites, identified within the Cultural Heritage Inventory in Schedule 1 of this Plan, could be managed and/or protected. This may include:</p> <ul style="list-style-type: none"> <li>• use of pou and/or information boards to celebrate and share cultural and historical information about the site.</li> <li>• formal protection e.g. district plan scheduling; waahi tapu registration; inclusion in reserve management plans.</li> <li>• restricting public access using signage and barriers/fencing.</li> <li>• enabling whānau (and if appropriate public) access by way of land owner agreements and adding signage and walkways.</li> <li>• requirements for site restoration or maintenance.</li> </ul>	NWKM, WBOPDC, TCC
Policy 16.11	Maintain and add to the Cultural Heritage Inventory located in Schedule 1 of this Plan.	NWKM

<b>Objective 16</b> <b>To protect our cultural heritage from damage, modification or destruction as a result of land disturbance activities and development.</b>		
Policy 16.12	The engagement protocols in Section 10 of this Plan are adhered to.	BOPRC, TCC, WBOPDC
Policy 16.14	Advocate for continuation of the Marae Maintenance Fund.	NWKM, WBOPDC
Policy 16.15	Advocate for funding towards the maintenance and preservation of the two historic churches in Maketu.	NWKM
The following hapū-led projects will contribute towards Objective 16:		Lead
Project 26	<p><b>Cultural Monitor Training</b></p> <p>We have a limited pool of trained cultural monitors. It is important that we build capacity to share the load and enable more whānau to come on board.</p>	NWKM
Project 27	<p><b>Okurei Point Preservation</b></p> <p>Te Kuraetanga o Te Ihu o Tamatekapua (Okurei Point) is a significant place for our people. We want to ensure that this area is preserved and cared for.</p> <p>This project involves working with others to:</p> <ul style="list-style-type: none"> <li>• collect and collate historical accounts associated with this area.</li> <li>• map, assess and monitor the condition of remnant areas and sites at Okurei Point.</li> <li>• determine the physical conservation, action and care necessary for returning or revealing the Māori heritage values of Okurei Point.</li> <li>• outline measures to enable the cultural significance of Okurei Point to be retained.</li> </ul> <p><i>Archaeological information has been collected and collated (refer Schedule 2). More work is needed.</i></p>	NWKM, TALT, HPT, Other Iwi

## 6.2 Our Cultural Heritage, History and Identity

This section looks at ways in which we can strengthen cultural identity as well as create a sense of belonging for whānau.

### Our Issues and Challenges

1. Inadequate recognition of our cultural heritage and history. We are concerned that Maketu is not treated

with respect to the wealth of Māori heritage / history this area still retains.

2. Disconnection of whānau from traditional sites, places and landscapes. Many of our whānau are disconnected from our cultural heritage sites and areas, which includes areas on private land.



## Our Objective, Policies and Projects

<b>Objective 17 To recognise and celebrate our cultural heritage, history and identity.</b>		
The following are ways in which Objective 17 will be achieved:		Lead
Policy 17.1	Coordinate and/or support whānau or community events to celebrate our association with the environment and with each other.	NWKM
Policy 17.2	Advocate for bilingual signage within our rohe.	NWKM, WBOPDC, TCC
Policy 17.3	Advocate for measures within our rohe that: <ul style="list-style-type: none"> <li>• Celebrate traditional place names.</li> <li>• Capture and express our narratives creatively and appropriately.</li> <li>• Acknowledge significant sites and cultural landmarks.</li> </ul> This may include cultural art work on concrete formations and cycleways; information kiosks and story boards; fencing that showcases Pa sites; pou and/or gateways.	
Policy 17.4	Advocate for the return and/or co-management of Wharekahu Cemetery.	
The following hapū-led project will contribute towards Objective 17:		Lead
Project 28	Work with Council to review and correct the names and associated signage of reserves within our rohe.	NWKM, WBOPDC

### 6.3 Traditional Knowledge and Practices

This section looks at ways in which we build and share our traditional, collective and intergenerational knowledge, including customary practices, traditions and activities. This in turn enables whānau to connect (spiritually) back to their lands and create a sense of belonging.

practices. Our traditional knowledge and practices are held by a few, particularly our elders. This presents a risk for our hapū if this knowledge is not passed down to younger generations.

#### Our Issues and Challenges

1. Disconnection of whānau from traditional sites, places and landscapes.  
Many of our whānau are disconnected from our cultural heritage sites and areas, which includes areas located on private land.
2. Loss of traditional knowledge and

## Our Objective, Policies and Projects

<b>Objective 18 To share, treasure and revitalise our traditional knowledge and practices associated with our taiao.</b>		
The following are ways in which Objective 18 will be achieved:		Lead
Policy 18.1	Support knowledge sharing wananga and compile an historical account and whānau resource in relation to: <ul style="list-style-type: none"> <li>the customary use of our taiao.</li> <li>traditional methods of gathering food and materials.</li> <li>customary management tools such as rāhui, mātaimai and use of the maramataka.</li> <li>how mātauranga and tikanga can be incorporated into contemporary taiao management.</li> <li>tools to measure the cultural health of our taiao.</li> </ul>	NWKM
Policy 18.2	Enable harvesting of cultural materials (e.g. harakeke) on Council Land. This could be via an informal arrangement or provided for within Council Reserve Management Plans.	WBOPDC, TCC
The following hapū-led project will contribute towards Objective 18:		



**Objective 18****To share, treasure and revitalise our traditional knowledge and practices associated with our taiao.**

Project 29

**Cultural Resource Areas**WKM,  
WBOPDC

A cultural resource area is a place designated by hapū to gather kai and/or cultural materials as well as a place to share knowledge about traditional practices. There may be one or more of these areas already in existence within our rohe. There may also be opportunities to establish new areas in relation to other projects (e.g. wetland creation).

Key tasks include:

- mapping existing areas of significance for mahinga kai and cultural materials (e.g. harakeke, raupō, paru).
- identifying new potential areas to establish a Cultural Resource Area.
- identifying two areas suitable for Cultural Resource Area creation and/or restoration and/or enhancement.

***Outcome: At least two Cultural Resource Areas established and/or restored and/or enhanced within our rohe by 2028***



## 7. Our Hapū

This chapter covers our most precious taonga, our people who are our kaitiaki and resource managers.

- 7.1 An active, effective and influential hapū
- 7.2 Hapū Capacity and Capability

## 7.1 An active, effective and influential Hapū

We have intergenerational knowledge and experience with regards to our natural environment. Therefore, we have a greater role to play.

We want to ensure that that we are heard and are influential - that our values, mātauranga and aspirations for the future are acknowledged and recognised.

We want to ensure that we are involved early in any project within our rohe so that we can influence better outcomes for our people.

### Our Issues and Challenges

1. Inability to be involved actively or effectively in all local and central government processes.

This is due to the constant and often ad hoc consultation processes across local and central government.

2. Inadequate recognition of our values, interests and intergenerational knowledge. Specifically:

- Insufficient consideration or weight is given to our values, issues and aspirations in Council processes and decisions.
- Engagement occurring with us to complete a legislative process, rather than to maintain a relationship and understand our views.

### Our Objectives, Policies and Projects

<b>Objective 19 To be actively involved, effective and influential within resource management processes, projects and decisions</b>		
The following are ways in which Objective 19 will be achieved:		Lead
Policy 19.1	Require Councils and Central Government to adhere to the engagement protocols in Section 10 of this Plan.	TCC, WBOPDC and BOPRC and Central Government Agencies
Policy 19.2	Require Councils and Central Government to: <ul style="list-style-type: none"> <li>• understand and realise the amount of consultation occurring with us at the same time.</li> <li>• value our time.</li> <li>• coordinate internally within each Council and between Councils to prevent hui fatigue, particularly of our elders.</li> <li>• provide support and assistance to help us to build capacity and capability.</li> </ul>	
Policy 19.3	Ensure that Council staff sets aside funding to ensure hapū involvement in Council projects. This recognises the role of hapū as technical experts.	BOPRC, WBOPDC, TCC
Policy 19.4	Support efforts for greater representation of Māori within Council e.g. establishment of Māori Wards.	WBOPDC, TCC

<b>Objective 19 To be actively involved, effective and influential within resource management processes, projects and decisions</b>		
Policy 19.5	Advocate for financial support to enable participation in Mana Whakahono-ā-Rohe agreement processes.	NWKM, TCC, WBOPDC, BOPRC
Policy 19.6	Advocate for working collaboratively and in partnership with tangata whenua, particularly for large projects within our rohe. This may include: <ul style="list-style-type: none"> <li>the establishment of kaitiaki forums or working groups.</li> <li>the preparation of cultural impact assessments; cultural management plans; and cultural monitoring reports.</li> </ul>	WBOPDC, TCC, NZTA, BOPRC
The following hapū-led projects will contribute towards Objective 19:		Lead
Project 30	Pursue a Mana Whakahono-ā-Rohe agreement with TCC, WBOPDC and BOPRC.	NWKM

## 7.1 Hapū Capacity and Capability

We want to build our pool of on-the-ground kaitiaki who are trained in natural resource management (e.g. science, engineering, planning, law, environmental education, pest control etc.).

We are keen to utilise their skills and knowledge locally. All Councils within our rohe have a significant role and obligation to provide appropriate support and reduce barriers so that we can fulfil our responsibilities as kaitiaki.

### Our Issues and Challenges

1. Inability to be involved actively or effectively in all local and central government processes. This is due to the constant and often ad hoc consultation processes across local and central government.

We have a limited pool of kaitiaki that can be involved across various topics and matters of concern. Hui fatigue is a significant issue for us.

## Our Objective, Policies and Projects

<b>Objective 20 To build hapū capacity and technical capability so that there are more of us who are skilled to deliver better outcomes for our people and our taiao.</b>		
The following are ways in which Objective 20 will be achieved:		Lead
Policy 20.1	<p>Support our aspirations to build capacity of our people by providing opportunities for training and knowledge sharing in relation to technical matters, such as:</p> <ul style="list-style-type: none"> <li>• how freshwater water is allocated, managed and monitored within our rohe.</li> <li>• what environmental monitoring and reporting is carried out within our rohe and what the results mean.</li> <li>• methods of restoring and protecting wetlands.</li> <li>• understanding and addressing pest plant and animal threats.</li> </ul>	BOPRC, WBOPDC and TCC
Policy 20.2	<p>Pursue opportunities to build capacity of our people in relation to Resource Management Act (RMA) and Local Government Act (LGA) matters. This includes:</p> <ul style="list-style-type: none"> <li>• RMA and LGA obligations and considerations.</li> <li>• Council processes, structure and operations.</li> <li>• Resource consent and plan development processes.</li> <li>• How to prepare effective submissions.</li> <li>• How to prepare Cultural Impact Assessments.</li> <li>• How to prepare for, and present at hearings.</li> <li>• How to prepare and manage appeals and mediation.</li> <li>• Cultural monitoring for land disturbance activities.</li> <li>• Development and use of indicators to measure and monitor the cultural health of the environment.</li> </ul>	NWKM supported by BOPRC, WBOPDC and TCC
Policy 20.3	<p>Ensure that technical information is made available in plain English and in user-friendly formats. This includes:</p> <ul style="list-style-type: none"> <li>• Information readily accessible and available on Council websites and/or on request.</li> <li>• Information types include technical information, raw data, and easily digestible/ user friendly summaries.</li> </ul>	BOPRC, WBOPDC and TCC
Policy 20.4	<p>Share information with whānau about seminars, training programmes and opportunities associated with environmental and resource management.</p>	NWKM

<b>Objective 20</b>		
<b>To build hapū capacity and technical capability so that there are more of us who are skilled to deliver better outcomes for our people and our taiao.</b>		
Policy 20.5	Enable the development of future kaitiaki by: <ul style="list-style-type: none"> <li>• Encouraging our kura to enrol in the Enviroschools programme and/or 'adopt' a stream or wetland.</li> <li>• Supporting environmentally-focused school holiday programmes.</li> <li>• Facilitating a Careers day to inform rangatahi and whānau about environmental-related study and career pathways.</li> <li>• Working with existing networks to explore opportunities for internships, mentoring and work experience.</li> </ul>	NWKM
Policy 20.6	Pursue opportunities to create and/or maintain mutually beneficial working relationships. This could include relationships or partnerships with: <ul style="list-style-type: none"> <li>• Heritage specialists such as Heritage New Zealand Pouhere Taonga.</li> <li>• Research entities such as GNS Science, Manaaki Te Awanui or Manaaki Whenua.</li> <li>• Tertiary education providers such as Waikato University, Toi Oho Mai or Te Whare Wānanga o Awanuiarangi.</li> <li>• Community and/or catchment wider projects with Councils, landowners, community groups and forums.</li> </ul>	NWKM
<i>The following hapū-led project will contribute towards Objective 20:</i>		<i>Lead</i>
Project 31	Prepare and implement a kaitiaki training programme.	NWKM







## 8. Maketu & Little Waihi-specific Policies and Projects

“Maketu was an original place name brought from Hawaiki; it is also known as ‘Te Ihu o Te Arawa waka’ meaning the nose of the Arawa waka signifying the landing place.”

Maketu is a special place to us. It is the historical landing place of Te Arawa waka and a source of identity for our people. It is home.

Little Waihi is a small settlement located on the western edge of the Little Waihi Estuary, the outlet of the Pongakawa catchment. In traditional times, it was the Waihi area where our ancestors battled and lived.

Maketu and Little Waihi, including the estuaries and residential areas, have distinctive issues and matters that need to be addressed specifically within this Plan. We want to be proactive and pursue opportunities to support, and improve the health and wellbeing of, our whānau. We also want to provide opportunities for whānau to move home – this requires affordable housing and employment.

We are both kaitiaki and land managers. Within our rohe, multiple-owned Māori land is used for marae, housing, ecological (e.g. estuary) and productive (e.g. farming) purposes. Some of our lands are underutilised meaning that their potential has yet to be unlocked.

We know that there is a strong desire for whānau live on and/or develop ancestral lands to enhance the social, economic and cultural well-being of our people. This presents opportunities for collaboration for the benefit of our people. One such collaboration is with TALT who own large portions of Māori and General land within our rohe, that was returned as part of the Te Arawa Lakes Settlement Act 2006.

- 8.1 Housing
- 8.2 Social, Cultural and Economic Outcomes



## 8.1 Housing

We want to be proactive and pursue opportunities to support and improve the lives of our whānau.

We know that there is a strong desire for whānau to move home and live on and/or develop ancestral lands - this requires affordable housing.

### Our Issues and Challenges

1. Availability of warm and affordable housing.
2. While we want more housing within our rohe, we want to retain the village feel of Maketu and Little Waihi.

### Our Objective, Policies and Projects

<b>Objective 21 To have warm and affordable housing for whānau and our community that does not compromise the village feel of Maketu and Little Waihi or impact cultural heritage sites or landscape values.</b>		
The following are ways in which Objective 21 will be achieved:		Lead
Policy 21.1	Work with others to identify options to provide a range of housing types and sizes within our rohe. This includes: <ul style="list-style-type: none"> <li>• Housing for whānau who want to return home.</li> <li>• Housing for vulnerable populations such as the homeless, elderly, low income families, and people with disabilities.</li> <li>• Papakāinga development.</li> </ul>	NWKM, local community, WBOPDC and agencies
Policy 21.2	Support the community-led development of a spatial plan for Maketu and Little Waihi to enable growth to be carefully planned and managed. This includes consideration of housing (including type and density), open space, transport, infrastructure, energy, recreation and community facilities.	NWKM, Maketu community board, WBOPDC
Policy 21.3	Provide for and enable Iwi-led housing and papakāinga development initiatives.	WBOPDC
The following hapū-led project will contribute towards Objective 21:		Lead
Project 32	Carry out a survey of whānau members to find out, for those who want to move home, what kind of housing and supporting facilities are needed.	NWKM
Project 33	Continue and expand the Maketu Healthy Whare Project. This includes allocating funding for a dedicated coordinator.	NWKM, WBOPDC
Project 34	Assess the feasibility of developing affordable housing on Māori land and/or Te Arawa settlement lands.	NWKM, TALT and TAML

## 8.2 Social, Cultural and Economic Outcomes

While this is an Environmental Plan, a lot of whānau provided feedback about the need for this Plan to help deliver social, cultural and economic outcomes. This includes matters such as:

- reserves and open space
- local services and amenities
- rates
- community events
- tourism and employment
- alcohol and smokefree areas
- community fruit trees

While these are not necessarily natural resource or environmental issues, they are important to whānau in the creation of healthy and connected community. They are matters that we can still advocate for, and influence, in relation to Council strategies and plans.

“In the early 1930’s or 40’s, there was a hotel in Maketu where the Anglican Church is located.

Maketu kuia were responsible for closing the hotel down and got alcohol sales banned in Maketu.

We need to continue opposing alcohol sales within our village as it causes a lot of domestic disputes and violent acts against others.

If Ngati Whakaue were to remain strong, we do not need alcohol in the community.”

### Our Issues and Challenges

1. Value for money. We pay a lot of Council rates.  
In return, we need:
  - adequate local amenities, services and community facilities.
  - healthy community environments.
2. We need employment and opportunities to create our own wealth.
3. Enhancing cultural wellbeing requires the collective efforts of Coastal Te Arawa Iwi and hapū.

### Our Objective, Policies and Projects

<b>Objective 22 To contribute towards better social, cultural and economic outcomes for our people and our community</b>		
The following are ways in which Objective 22 will be achieved:		Lead
<b>Creating a sense of community</b>		
Policy 22.1	Advocate for more reserves, open space and communal spaces to provide a sense of community.	NWKM, WBOPDC
Policy 22.2	Advocate for more community events within Maketu, particularly to showcase our culture.	NWKM
Policy 22.3	Support the establishment of the Maketu community hub (multi-purpose community and recreational facility).	NWKM
<b>Healthy community environments</b>		

<b>Objective 22 To contribute towards better social, cultural and economic outcomes for our people and our community</b>		
Policy 22.4	<p>Promote healthy community environments as follows:</p> <ul style="list-style-type: none"> <li>• Oppose the granting of new offsite licenses for the sale of alcohol.</li> <li>• Oppose the granting of offsite licenses from local stores / dairies.</li> <li>• Require consultation for the renewal of existing offsite licenses for the sale of alcohol.</li> <li>• Encourage more communal smokefree areas (e.g. marae, playgrounds, etc).</li> <li>• Encourage more fruit trees and rongoā plants in communal areas, reserves, open spaces and at the marae.</li> </ul>	NWKM, WBOPDC
<b>Rates and Funding</b>		
Policy 22.5	Advocate for more affordable land rates for Māori land and a review of wastewater rates for our Marae, kura and kohanga reo.	NWKM
Policy 22.6	Provision of wastewater reticulation for our Marae at no cost to hapū.	NWKM, WBOPDC
Policy 22.7	Support the continuation of the Marae Sustainability Initiatives Fund (previously known as the Marae Maintenance Fund).	NWKM
Policy 22.8	Provide continued support and advice from with regards to cultural heritage protection (including marae and urupā); environmental enhancement and hapū initiatives that improve social, cultural and community wellbeing.	WBOPDC, TCC, BOPRC
<b>Employment and Economic Development</b>		
Policy 22.9	<p>Work with Councils, Ministry of Education and Department of Conservation to explore opportunities for social procurement. This may include:</p> <ul style="list-style-type: none"> <li>• Ground maintenance contracts e.g. council reserves, public spaces.</li> <li>• Planting of native trees and fruit trees in council reserves and open spaces.</li> <li>• Pest control and monitoring.</li> <li>• State of the Environment Monitoring.</li> </ul>	NWKM, WBOPDC, MOE, DOC

<b>Objective 22 To contribute towards better social, cultural and economic outcomes for our people and our community</b>		
Policy 22.10	Pursue opportunities for tourism as a means of creating employment as well as showcasing our heritage and history.	NWKM
Policy 22.11	Be involved in economic growth and development planning within our rohe. This includes: <ul style="list-style-type: none"> <li>• Attending events and workshops organised by Bay of Connections.</li> <li>• Being involved in the implementation of the Bay of Plenty Aquaculture and Māori Economic Development Strategies.</li> </ul>	NWKM, BOC
<b>Enhancing Cultural Wellbeing – Rena Resource Consent</b>		
Policy 22.12	Work with Coastal Te Arawa Iwi and hapū to ensure that: <ul style="list-style-type: none"> <li>• An appropriate representative is mandated to represent Coastal Te Arawa on the Rena Kaitiakitanga Reference Group<sup>1</sup>.</li> <li>• Actions and decisions by the Rena Kaitiakitanga Reference Group are communicated by that representative to Coastal Te Arawa Iwi and hapū.</li> <li>• The \$1.25 million mitigation fund<sup>2</sup>: <ul style="list-style-type: none"> <li>- is appropriately administered by Coastal Te Arawa Iwi and hapū.</li> <li>- is used for, and results in, the establishment of Te Whare o Ngatoroirangi, a Whare Hitori (a house of history) dedicated to Ngatoroirangi at Maketu.</li> </ul> </li> <li>• Te Rūnanga o Ngāti Whakaeu ki Maketu are involved in the “Te Whare o Ngatoroirangi” project.</li> </ul>	NWKM, Coastal Te Arawa Iwi and hapū
<b>Local services and amenities</b>		
Policy 22.14	Advocate for: <ul style="list-style-type: none"> <li>• more cycle ways and walk ways within our rohe to connect our special areas and get us to where we need to go.</li> <li>• more frequent bus services to Te Puke, including early and/or night buses.</li> <li>• ride sharing initiatives to reduce traffic congestion.</li> </ul>	NWKM, BOPRC, WBOPDC

1 Refer Condition 2 of the ‘Rena Resource Consent’ held by Astrolabe Community Trust  
2 Refer Condition 16.2 of the ‘Rena Resource Consent’ held by Astrolabe Community Trust

<b>Objective 22 To contribute towards better social, cultural and economic outcomes for our people and our community</b>		
Policy 22.15	<p>Work with local residents to improve the local services and amenities within Maketu and Little Waihi villages. This includes:</p> <ul style="list-style-type: none"> <li>• Street lighting</li> <li>• Pot holes and road resurfacing</li> <li>• Foot paths</li> <li>• Bus stop</li> </ul>	NWKM, TALT, TAML, WBOPDC
Policy 22.16	<p>Involve NWKM in stormwater catchment planning and management to ensure that:</p> <ul style="list-style-type: none"> <li>• Cultural values are recognised and reflected within catchment plans.</li> <li>• Culturally significant waterways are not adversely affected by contaminants in stormwater. This includes Waitepuia Drain which runs behind Maketu Reserve and Whakaue Kaipapa Marae.</li> <li>• Stormwater and receiving water monitoring incorporates mātauranga.</li> </ul>	WBOPDC, NWKM
The following hapū-led projects will contribute towards Objective 20:		
Project 35	<p>Work with Bay of Connections and Te Puni Kōkiri to identify Maketu-specific projects to implement:</p> <ul style="list-style-type: none"> <li>• He Mauri Ohoho (Bay of Plenty Māori Economic Development Strategy).</li> <li>• Māori Land Utilisation Action Plan</li> <li>• Aquaculture Strategy.</li> </ul>	Lead NWKM, BOC, TPK, TAML
Project 36	<p>Assess the feasibility of better utilisation of Māori land and/or Te Arawa settlement lands within our rohe.</p>	NWKM, TALT and TAML





## 9. Te Tumu & Wairakei-specific Policies and Projects

Te Tumu and Wairakei are areas within our rohe that have distinctive issues and matters that need to be addressed specifically within this Plan because they are undergoing, or about to undergo, significant development to provide for population growth.

This sub-section seeks to ensure that our values and interests are protected in relation to development at Wairakei and Te Tumu, including the adjacent development of the Rangiuuru Business Park.

### Our Issues and Challenges

1. Impact of development on cultural sites of significance.

Te Tumu is an area of cultural significance to us, particularly given the historic battles at Te Tumu (addressed in Section 6 of this Plan).

2. Inadequate recognition of our values, interests and intergenerational knowledge.
3. Inability to be involved actively or effectively in land use planning.
4. Impact of development and land use change on amenity and landscape values.

For example:

- Our view from Maketu will permanently change from open farmland to residential dwellings and largely concrete, commercial buildings. For example:
- There will be more noise as a result of more buildings and roads.
- There will also be more light pollution at night time, which will affect our ability to see celestial landmarks.





## Our Objective, Policies and Projects

<b>Objective 23 To recognise our values and interests within land use planning and development at Te Tumu, Wairakei and Rangiora.</b>		
The following are ways in which Objective 24 will be achieved:		Lead
Policy 23.1	Require land use planning and development to adhere to Low Impact Design and Development.	TCC, WBOPDC
Policy 23.2	Require: <ul style="list-style-type: none"> <li>height restrictions of buildings, particularly at the eastern end of Te Tumu.</li> <li>large-scale landscaping of locally sourced native plants.</li> <li>building colours that are sympathetic to the natural environment</li> <li>to minimise the landscape effects of development on Maketu.</li> </ul>	TCC
Policy 23.3	Mitigate adverse noise effects on those living at Maketu. In particular: <ul style="list-style-type: none"> <li>Noise during the construction of buildings and roads at Te Tumu.</li> <li>Long term noise effects as a result of more buildings and roads at Te Tumu.</li> </ul>	TCC
Policy 23.4	Reduce and minimise light pollution within Te Tumu. This includes: <ul style="list-style-type: none"> <li>requiring street light design, particularly within new subdivisions, to minimise glare and upward light spill.</li> <li>discouraging the use of flood lighting and sports lighting after 10pm at night.</li> <li>discouraging the proliferation of illuminated advertising signs.</li> </ul>	NWKM, TCC, WBOPDC
Policy 23.5	Promote the use of Māori Design Principles, which includes: <ul style="list-style-type: none"> <li>celebrating traditional place names and acknowledging significant sites and landmarks.</li> <li>capturing and expressing hapū narratives creatively and appropriately<sup>3</sup>.</li> </ul>	TCC, WBOPDC

<sup>3</sup> Examples include art work on concrete formations and cycleways; information kiosks and story boards; fencing that showcases Pa sites; pou and/or gateways.

<b>Objective 23</b>	<b>To recognise our values and interests within land use planning and development at Te Tumu, Wairakei and Rangiuru.</b>	
Policy 23.6	Require appropriate street and road names that align with the historical and cultural significance of the land.	TCC
Policy 23.7	Advocate for more reserves, open space and communal spaces to provide a sense of community.	NWKM
Policy 23.8	Provide for affordable housing, community facilities and educational facilities (e.g. kohanga reo, kura kaupapa) at Te Tumu and Wairakei.	TCC, WBOPDC
Policy 23.9	Require land use planning and development to encourage: <ul style="list-style-type: none"> <li>• energy use efficiency measures.</li> <li>• water conservation measures (e.g. onsite water storage).</li> <li>• water use efficiency measures.</li> <li>• public transport use to reduce reliance on motor vehicles.</li> <li>• fruit trees, rongoā plants and cultural materials (e.g. harakeke) in communal areas such as reserves and open spaces.</li> </ul>	TCC
Policy 23.10	Encourage initiatives and use of innovation and technology to reduce the environmental and cultural impacts of stormwater and wastewater generated at Te Tumu, Wairakei and Rangiuru.	TCC, NWKM
Policy 23.11	Support economic development initiatives within Te Tumu, Wairakei and Rangiuru where there are associated benefits to Ngāti Whakaue ki Maketu e.g. environmental enhancement, employment, etc.	NWKM
Policy 23.12	Explore opportunities for social procurement. This may include native tree supply and/or planting; pest control and monitoring; and, ground maintenance contracts (e.g. council reserves, public spaces).	NWKM
Policy 23.13	Oppose the discharge of treated wastewater to natural waterways.	NWKM
Policy 23.14	Oppose the development of a marina at Te Tumu.	NWKM

<b>Objective 23 To recognise our values and interests within land use planning and development at Te Tumu, Wairakei and Rangiuuru.</b>		
Policy 23.15	Oppose the construction of a new bridge between Te Tumu and Maketu.	NWKM
Policy 23.16	Require consultation for the placement of radio wave transmitters and associated structures (e.g. cellphone towers).	NWKM
Policy 23.17	Involve Te Rūnanga o Ngāti Whakaue ki Maketu in: <ul style="list-style-type: none"> <li>• structure planning for Te Tumu to give effect to Objective 23 and Policies 23.1-23.16 of this Plan.</li> <li>• the development of a street name policy to give effect to Policy 23.6 of this Plan.</li> <li>• the development and implementation of landscape plans and wetland restoration plans to give effect to Objective 13 and Policies 13.10-13.23 of this Plan.</li> </ul>	TCC

*Refer also to the cultural heritage provisions within Section 6 of this Plan.*



The image shows a close-up of a wooden surface with prominent, concentric growth rings. The wood has a warm, golden-brown tone. A dark grey, semi-transparent rectangular overlay is positioned in the upper left quadrant, containing white text. The text is arranged in three lines: the first line is 'WĀHANGA TUAWHA', the second line is 'WHAKATINANATANGA', and the third line is 'PART 4 IMPLEMENTATION'.

WĀHANGA TUAWHA

WHAKATINANATANGA

PART 4 IMPLEMENTATION

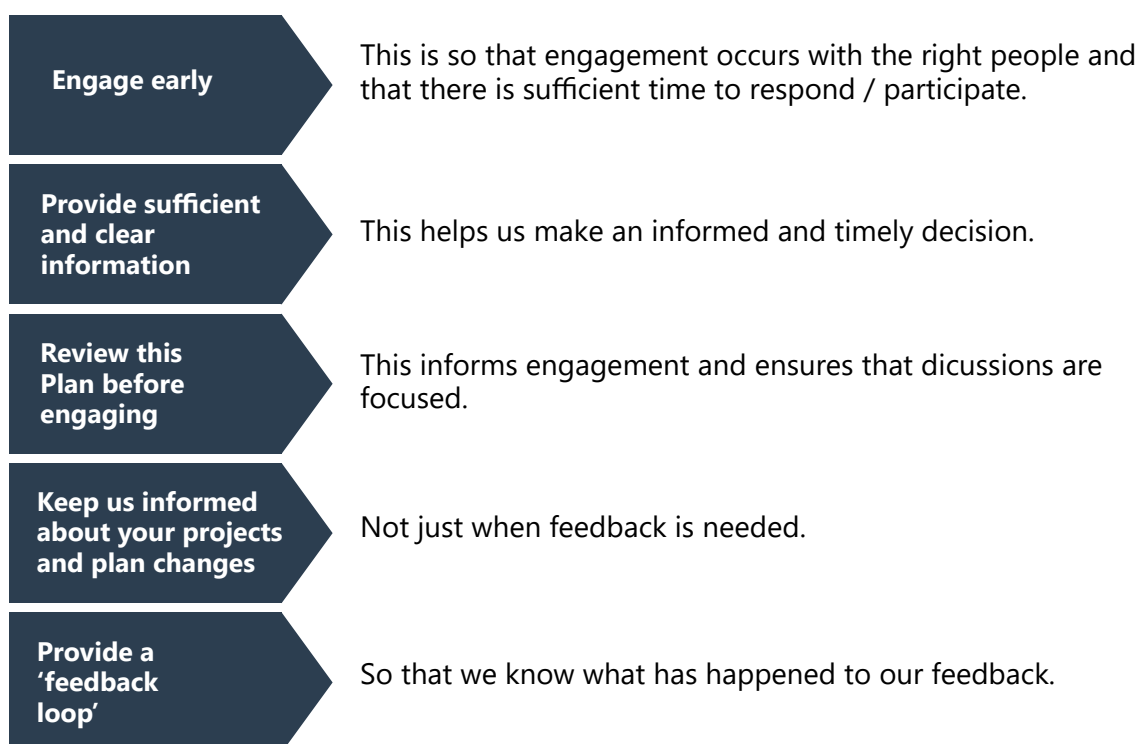


# 10 Engaging with Ngāti Whakaue ki Maketu

## 10.1 Principles of Engagement



Engagement is valued as it builds relationships and facilitates awareness and understanding of our issues and values. The principles of engagement with Te Rūnanga o Ngāti Whakaue ki Maketu, are as follows:

It is important to note that our silence is not be taken as approval or lack of interest or concern.



## 10.2 Contact Details for Engagement

Te Rūnanga o Ngāti Whakaue ki Maketu

	07 533 2101
	rūnanga@actrix.co.nz

### 10.3 Resource consents – Expectations for engagement and use of this Plan

This protocol applies to resource consent processes, namely:

- when a consent applicant is preparing a resource consent application for an activity within our rohe.
- when a consent applicant and/or Council officer is intending to engage with us
- with regards to a resource consent application.
- when a Council officer or hearing panel is making a decision on a resource consent application for an activity within our rohe.

#### When engagement is required

Engagement is required with Te Rūnanga o Ngāti Whakaue ki Maketu when a proposal when the application relates to:

- Any activity within 100m of a marae, urupā or Cultural Heritage Site (scheduled in a District Plan or within the NZ Archaeological Association database).
- Any activity occurring within or affecting an Area of Significant Cultural Value (scheduled in the Regional Coastal Plan).
- Land disturbance activities e.g. earthworks.
- Discharges of contaminants to air, land or freshwater.
- The taking of water from rivers, streams and groundwater aquifers.

The Principles of Engagement, outlined in 10.1 of this Plan, apply to this protocol.

#### Information requirements

Information required includes, at a minimum:

- A summary of the proposal, including location, methodology and timing of works.

- Measures proposed to avoid, remedy or mitigate adverse effects.

Depending on the type and scale of the activity:

- A meeting and/or site visit may be arranged to discuss the proposal face-to-face.
- A written response may be prepared, which may vary from a basic email to a CIA.
- Cultural monitoring may be required prior to the commencement of earthworks to manage the potential risk of disturbance or discovery of kōiwi (human remains), archaeology or artefacts of Māori.

Like any expert providing technical advice (e.g. engineer, ecologist), an engagement fee may be incurred. This will be discussed at the time of enquiry.

#### Decision making

Policy IW 4B of the Bay of Plenty Regional Policy Statement also seeks to “ensure that iwi and hapū resource management plans are taken into account in resource management decision making processes”. This policy clearly applies to resource consent processes.

**We consider ‘taking into account’ to mean that our Plan has been reviewed; acknowledged within recommendation reports and has made a tangible difference within the consent process, including Council’s decision and/or condition(s) of consent.**

### 10.4 Council statutory and non-statutory planning - Expectations for engagement and use of this Plan

This protocol applies when Councils are reviewing and/or preparing statutory and non-statutory plans.

#### When engagement is expected

Engagement is required with Te Rūnanga o Ngāti Whakaue ki Maketu when Council is reviewing or preparing:

- A Resource Management Act planning document e.g. Regional Policy Statement, Regional / District / City Plan.
- A 10-year / long term plan or annual plan under the Local Government Act.
- Statutory strategies (e.g. land transport; pest management) and non-statutory strategies, plans or policies (e.g. growth; signage; culture and heritage; hazards, catchment management).
- City or District Bylaws.

The Principles of Engagement, outlined in Section 9.1 of this Plan, apply to this protocol.

Like any expert providing technical advice (e.g. engineer, ecologist), and engagement fee may be incurred. This will be discussed at the time of enquiry.

#### **RMA Planning Documents – Engagement Requirements**

There are specific engagement requirements associated with RMA planning documents:

- Schedule 1(3B)(d) of the RMA - criteria to determine when consultation with Iwi Authorities has been carried out for a Plan Change process.
- Section 32(4A) of the RMA – requires Council to summarise all advice from Iwi authorities about a plan change and Council’s response to the advice, including any changes to plan change provisions.
- Objective D of the National Policy Statement for Freshwater Management - requires Council to provide for Iwi and hapū involvement and to ensure that tangata whenua values and interests are reflected in freshwater management including decision-making.

#### **RMA Planning Documents – Statutory Recognition**

Sections 61, 66 and 74 of the RMA require Council to take into account

this Plan when preparing or changing regional policy statements and regional and district plans.

Policy IW 4B of the Bay of Plenty Regional Policy Statement also seeks to “ensure that Iwi and hapū resource management plans are taken into account in resource management decision making processes”.

**We consider ‘taking into account’ to mean that our Plan has been read; has been acknowledged and has made a tangible difference within the planning process, including Council’s decision-making process.**

## 10.5 Mana Whakahono-ā-Rohe

The purpose of a Mana Whakahono-ā-Rohe is set out in s58M of the RMA, as follows:

- (a) to provide a mechanism for Iwi authorities and local authorities to discuss, agree, and record ways in which tangata whenua may, through their Iwi authorities, participate in resource management and decision-making processes under the Act; and
- (b) to assist local authorities to comply with their statutory duties under the Act, including through the implementation of sections 6(e), 7(a), and 8. The presence of this Plan does not negate our desire to enter a Mana Whakahono-ā-Rohe with local authorities, individually or collectively. This Plan is intended to set the foundation for constructive discussions associated with a Mana Whakahono-ā-Rohe.

This Plan does not negate our desire to initiate a Mana Whakahono-ā-Rohe with local authorities, individually or collectively. This Plan is intended to set the foundation for constructive discussions associated with a Mana Whakahono-ā-Rohe.

# 11. Cultural Heritage Protocols and Processes

## 11.1 Cultural Monitoring

The purpose of Cultural Monitoring is to observe activities associated with earthworks, including cultural advice to contractors and Project Team members and implementing accidental discovery protocols.

### The role of the cultural monitor is to:

1. Undertake background research to assist the early identification of any kōiwi tangata or taonga.
2. Provide input to the Project Team in relation to cultural considerations and requirements to be adopted throughout the project.
3. Commence the project with a karakia (blessing) and whakatau (welcome).
4. Meet and brief the project team and carry out induction training.
5. Ensure that activities near sensitive sites are carried out in a culturally sensitive manner.
6. Guide the Project Team to ensure that appropriate processes are followed in the event that kōiwi tangata or taonga are discovered during the works.
7. Ensure that administrative / reporting are provided back to the Rūnanga.

### When cultural monitoring may be needed

- When earthworks are going to be carried out within the tribal boundaries of Ngāti Whakaue ki Maketu;
- When a major project is progressed by a collection of Iwi/Hapū and there is a requirement for the collective to each provide representation;
- When it is a justifiable recommendation in a cultural impact

assessment (CIA);

- When it is a condition of a consent e.g. if there are known significant sites; or
- When earthworks are within 100 metres of a registered archaeological site or a site of cultural significance; or
- Upon the recommendation of a qualified archaeologist who is familiar with the area where the earthworks shall be carried out; or
- Upon justifiable recommendations from the hapū or rūnanga because of pre-engagement or from the Ngāti Whakaue ki Maketu Hapū Management Plan; or
- If during the pre-project phase, an accidental discovery of a kōiwi or taonga occurs.

Only one of the above conditions may prompt the need for a cultural monitor, however in many cases, a number of these conditions shall apply.

## 11.2 Accidental Discovery Protocols

This protocol provides a process if kōiwi (human remains), archaeology or artefacts of Māori origin are uncovered during earthworks / land disturbance activities.

### Kōiwi tangata (skeletal remains)

If skeletal remains (kōiwi tangata) are uncovered, then the site is deemed an archaeological site in terms of the Historical Places Act (1993) and the relevant provisions of that Act apply.

If kōiwi, archaeology or artefacts of Māori origin are uncovered during physical works:

1. All site works, including earth moving machinery must stop.

The site, and the features and human skeletal remains contained therein, shall be treated in accordance with the conditions of the relevant NZHPT authority to disturb, modify



or destroy the site. If no such authority exists at the time of the discovery, the following applies:

2. The project manager and/or cultural monitor must immediately advise Te Rūnanga o Ngāti Whakaue ki Maketu, Heritage NZ Pouhere Taonga and Police of the discovery of kōiwi tangata.
3. The find site and the immediate vicinity of the discovery shall be secured off from vehicles and other humans.
4. Te Rūnanga o Ngāti Whakaue ki Maketu will determine the tikanga for appropriate preservation, management and handling of kōiwi tangata. This may include the following:
  - i) The cultural monitor shall greet the kōiwi tangata in the appropriate cultural manner, provide a blessing for the tupuna to return to the spiritual realm in accordance with tikanga.
  - i) The kōiwi is provided with a temporary cover when possible to ensure protection of the bones and to show respect to the tupuna. This is to occur within four hours of the kōiwi tangata discovery.
  - ii) Provided there are no provisions in the NZHPT authority, arrangements shall be discussed with the land owner, archaeologist, cultural monitor, rūnanga and any other group as to whether the kōiwi shall be re-buried or removed after the archaeologist has completed their investigations.
  - iii) A rāhui, between the time of the initial discovery of kōiwi and a reasonable amount of time after the remains have either been re-buried or removed.
5. The Police and/or the Coroner shall be responsible for any remains that they take for testing.
6. All archaeological information

shall be recorded by the project archaeologist in accordance with the Historic Places Act (1993).

7. The cultural monitor shall include the accidental discovery find (GPS coordinates, archaeologist findings) in their report to the Rūnanga.
8. Work at the site must not recommence until approval has been granted by Te Rūnanga o Ngāti Whakaue ki Maketu and Heritage NZ Pouhere Taonga.

### **Discovery of taonga**

If taonga / archaeology or artefacts of Māori origin are uncovered during physical works:

1. All site works, including earth moving machinery must stop.
2. The contractor and or cultural monitor shall immediately advise the project manager, archaeologist of any artefact find.
3. Work in the immediate vicinity of the find may resume only with the approval of the project archaeologist monitoring the site, in consultation with the cultural monitor.
4. The project archaeologist shall record the archaeological materials and any artefacts and shall notify the Ministry for Culture and Heritage within 28 days of the completion of the project work.
5. The project archaeologist shall initially have control of, and responsibility for, any taonga recovered from the site in accordance with The Protected Objects Act 1975. Within our tribal boundaries, the rūnanga preference is that the taonga be stored either in Maketu or Rotorua at a legal repository area and not be taken out of Te Arawa area. This will be discussed with the archaeologist first and foremost.

## 12. Plan Monitoring and Review

Te Rūnanga o Ngāti Whakaue ki Maketu will monitor and report on the implementation of this Plan to ensure that it is achieving the identified objectives and policies within Wahanga Tuatoru - Part Three.

Although this Plan outlines the priority issues, aspirations and projects for the next ten years, Te Rūnanga o Ngāti Whakaue ki Maketu will review this Plan every five years. This is to ensure that the Plan content is relevant and is making a tangible difference for the environment and for Ngāti Whakaue ki Maketu.

The Plan review will assess the following:

- Are the issues still relevant? Are there any new issues that the Plan should address?
- Are the objectives still relevant? Are there any new objectives that the Plan should address?
- Were the projects in the Plan implemented? If not, why not?

Any revisions to this Plan will be lodged with Councils to ensure that staff are using the most up-to-date version.

## 13. Glossary

**Ahi kā roa:** Origin continuous long occupation

**Hapū:** Sub-tribe

**Harakeke:** Flax

**Iwi:** Tribe

**Kaimoana:** Seafood including fish, shellfish and edible seaplants

**Kaitiaki:** Guardian

**Kaitiakitanga:** Defined in the Resource Management Act as the exercise of guardianship by the tangata whenua of an area

**Karengo:** A greenish-purple edible seaweed

**Kaumatuā:** Elder (male)

**Kōiwi Tangata:** Human bones, skeletal remains

**Kuia:** Elder (female)

**Mahinga Kai:** Traditional food sources

**Mana Whakahono-ā-Rohe:** A formal arrangement, established within the Resource Management Act, between Council and Iwi/Hapū Authorities

**Mana Whenua:** Defined in the Resource Management Act as customary authority exercised by an iwi or hapū in an identified area

**Manuhiri:** Visitors, guests

**Mātauranga:** Knowledge, wisdom, understanding

**Mātaitai:** A tool to assist in providing for Customary food Gathering from identified Traditional fishing grounds

**Mauri:** Life force, vital essence

**Moana:** Ocean, sea

**Ngahere:** Forest

**Pā:** Fortified village or occupation site

**Paru:** Mud

**Pātaka kai:** Food pantry

**Papakāinga:** Village, home base

**Pia Whakatipu:** Agar culture

**Pou:** Post, pillar, marker

**Rāhui:** A temporary prohibition, ban or reserve

**Rangatahi:** Youth, younger generation

**Rohe:** Boundary

**Rohe Moana:** An area where kaitiaki are appointed for the management of customary food gathering within the area/rohe

**Taiāpure:** A tool established in an area that has customarily been of special significance to an iwi or hapū as a source of food or for spiritual or cultural reasons

**Taonga tūturu:** Defined in The Protected Objects Act 1975 as an object that relates to Māori culture, history, or society.

**Taiao:** Environment

**Tangata Whenua:** Defined in the Resource Management Act 1991 in relation to a particular area, means the iwi, or hapū, that holds mana whenua over that area

**Te Mana o te Wai:** A concept introduced within the National Policy Statement for Freshwater Management to represent the overall wellbeing of a water body

**Tikanga:** Protocols, correct procedures

**Tupuna:** Ancestor

**Urupā:** Burial ground, cemetery

**Uri:** Descendant

**Ki Uta:** Inland

**Ki Tai:** Coastal

**Wahi Tapu:** Defined in the Historic Places Act 1993 as a place sacred to Māori in the traditional, spiritual, religious, ritual, or mythological sense.

**Waka:** Canoe

**Wānanga:** Educational forum

**Whakapapa:** Genealogy, lineage

**Whānau:** Family





**Te Rautau: Te Rāhui Taketake**  
Ngāti Whakaue ki Maketu Hapū Management Plan