

DISCUSSION DOCUMENT

**FOR THE NGĀ POTIKI
ENVIRONMENTAL PLAN**

OUR TAIAO | OUR PEOPLE | OUR TAKIWĀ



INTRODUCTION

Overview and Purpose

This discussion document shows how whānau feedback and input is shaping the new Environment Plan for Ngā Potiki



ENVIRONMENTAL PLAN PURPOSE

The purpose of the Ngā Potiki Environmental Plan is to:

- influence Council plans, projects, processes and decisions
- guide Ngā Potiki Resource Management Unit mahi

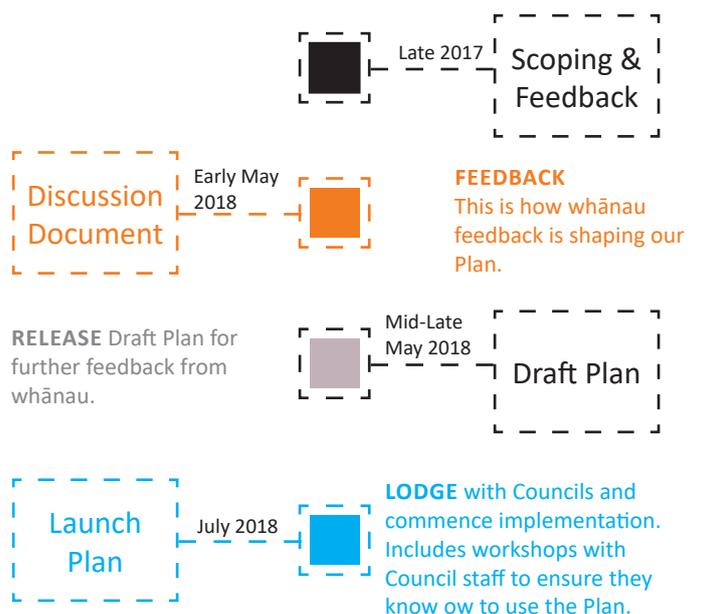
in relation to environmental and cultural aspirations of Ngā Potiki whānau.

The goal is to have a to-the-point planning document that reflects the voice of Ngā Potiki, be outcomes focused, and highlight key projects or actions to get on with.

Once endorsed by the Ngā Potiki ā Tamapahore Trust and lodged with Councils, it will have statutory weight. This means that Council will have to recognise and reflect our Plan.

PROCESS OF DEVELOPING OUR PLAN

The plan development process is as follows



WHĀNAU FEEDBACK AND INPUT

A Snapshot

Over the last couple of months, we have received a lot of amazing input from Ngā Potiki whānau. Some of the key messages are illustrated below:



Whānau have also shared feedback about specific parts of our takiwā (area):

Rangataua Estuary and land catchments

- Impact of land use and discharges on water quality.
- Ability to access and gather abundant kai.
- Biosecurity threats e.g. Asian paddle crab
- Impacts of climate change on estuary, marae and Māori Land Blocks e.g. erosion, rising sea levels, changes in water and air temperature, changes in water demand and availability.
- Understanding our natural resources (e.g. capacity of groundwater/geothermal resource).

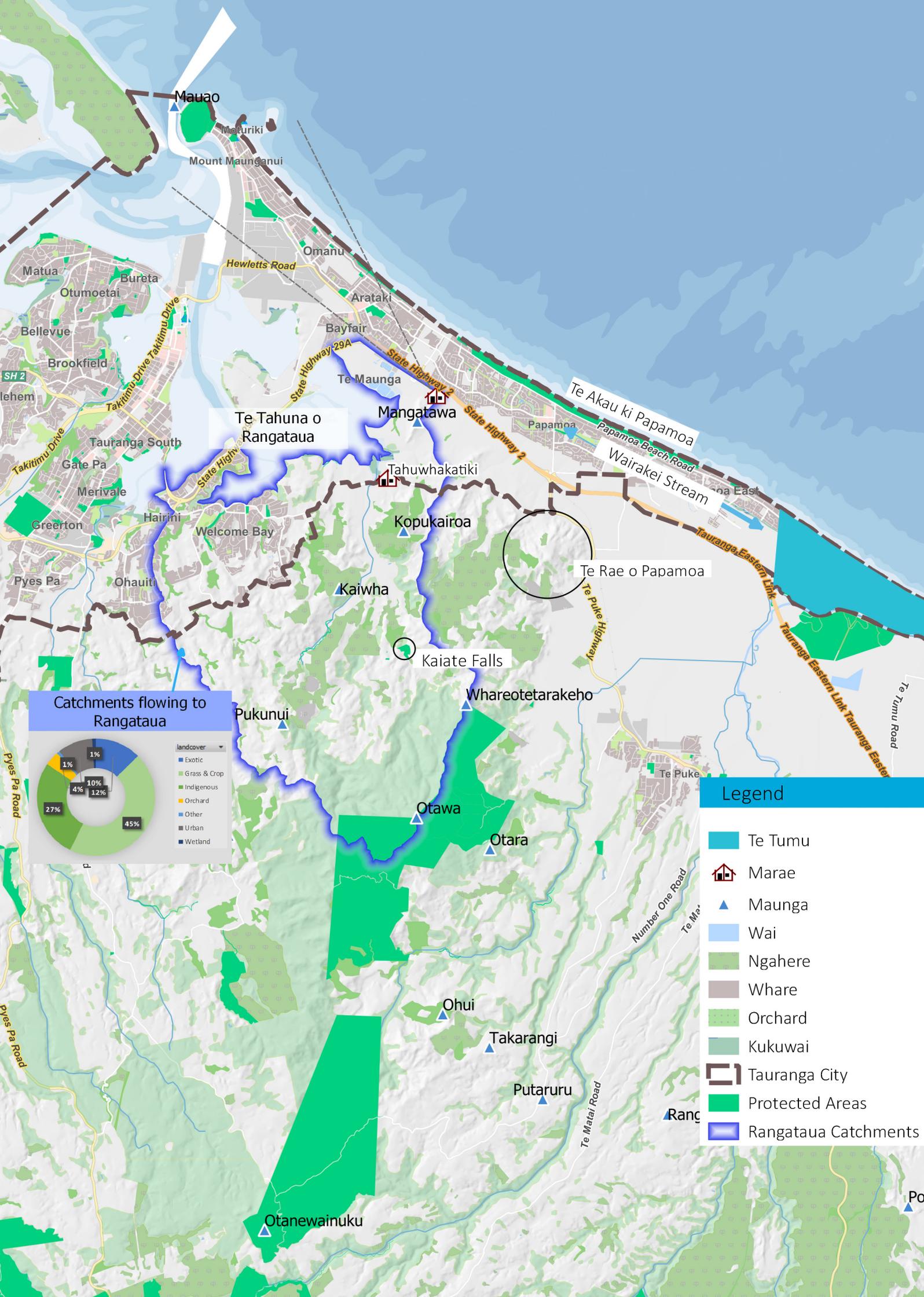
Pāpāmoa / Wairakei / Te Tumu Development

- Impacts of development on food gathering areas and waahi tapu.
- Ensuring cultural identity / elements e.g. pou, artwork.
- Impacts of more people and traffic on local and social infrastructure (e.g. roads, schools, parks, water, stormwater, wastewater). Also light pollution and ability to see our stars.
- Developments to be environmental friendly, sustainable and utilise Māori design principles. Encouraging changes in behaviour around resource use e.g. waste less, use less water

Taumata Rau (including Pāpāmoa Hills, Otara, Otawa)

- Cultural heritage - protect what we have; showcase our history.
- Pest control - animals (possums, rats) and plants (woolly nightshade, pampas, gorse, tradescantia)
- More native trees to bring back taonga species, especially native birds and frogs.

Many of the concerns above also relate to the entire takiwā e.g. water quantity and quality, climate change, cultural heritage, cultural identity.



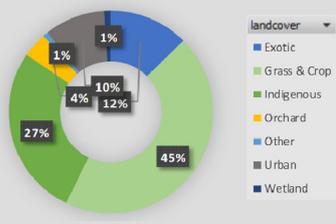
Te Tahuna o Rangataua

Mangatawa

Te Rae o Papamoa

Kaiate Falls

Catchments flowing to Rangataua



Legend

- Te Tumu
- Marae
- ▲ Maunga
- Wai
- Ngahere
- Whare
- Orchard
- Kukuwai
- Tauranga City
- Protected Areas
- Rangataua Catchments

Urban growth

By 2030, there will be 30,000 more people living in Pāpāmoa, Wairakei and Te Tumu. This means more cars, more demand for water, more stormwater / wastewater / waste produced.

Water Management Area Limit Setting

The Regional Council is embarking on a programme of setting water allocation and water quality limits on rivers, streams and groundwater aquifers within our takiwā.

We need to be ready to contribute and influence this process. This includes ensuring there is enough water for our land trusts, now and into the future. We also need to work out how - in a practical sense - to reflect our values (many of which are intangible) within the context of limit setting (which are numbers).

Kaiate Stream Health Warning

Kaiate Stream (at Kaiate Falls) has a permanent health warning due to E. coli risk from upstream inputs. This means that the stream is unsuitable for swimming.

Tauranga Geothermal Resource

There is a low-temperature (30°C-70°C) geothermal system with our takiwā. It shares the same freshwater aquifer as the cold groundwater (i.e. is the same aquifer but with hot spots in places).

Further research is needed to work out how much of the warm water can be used without permanently cooling of the system. We also need to ensure allocation of groundwater considers the impact on this taonga.

<https://www.oit.edu/docs/default-source/geoheat-center-documents/quarterly-bulletin/vol-31/31-1/31-1-art3.pdf?sfvrsn=4>

A few things happening,
and coming up,
within our takiwā

Highlighting what we need to
be considering - in addition to
whānau feedback - for our Plan

Climate Change

By 2090, it may be up to 3.6°C warmer; leading to fewer frosts; more extreme weather events (e.g. floods, droughts) and sea level rise (0.6-1m). It will have an impact across the whole takiwā. We need to be prepared.

Programmes, Forums and Funding

There are opportunities to align with, collaborate on, and/or influence programmes within our takiwā:

- **Tauranga Harbour Programme** (mutli Council): coordinating all mahi for the harbour and its land catchments.
- **Tauranga Harbour Sub-Catchment Plans** (BOPRC): identifies actions to improve sub-catchment health e.g. riparian planting
- **SmarrthGrowth** (multi agency): coordinating growth within the district.
- **State of the Environment Monitoring** (multi Council): Regular monitoring and reporting about the health of our natural resource, from a scientific point of view.

External funding sources include Councils, MfE (Freshwater Improvement Fund) and PredatorFree NZ.

OUR THREE GUIDING POU

Structuring our Policy Chapters

The structure and content of this Plan has been guided by whānau feedback and input. As such, the Plan will include three interconnected policy chapters - our pou - which will drive positive change for our taiao, our people and our takiwā.

POU 1

MANAAKI WHENUA

This chapter is focused on the health of our taiao (environment).

Topics include:

- Land and Air
- Water - rivers, streams, groundwater, geothermal, wetlands
- Biodiversity - land and water based
- Coast
- Cultural Heritage

WHERE WE WANT TO BE:

The mauri of our environment (and in turn our people) is restored, and where possible, enhanced.

We know this is successful when we are:

- our taonga species (e.g. flora and fauna) flourish and are abundant.
- kaimoana is abundant and healthy (e.g. return of the papaka/crab)
- our special places are protected (cultural heritage) and people know who/where we are - cultural identity).

POU 2

MANA TANGATA

This chapter is focused on our people, our kaitiaki, our future.

- Topics include:
- Capacity building and knowledge transfer
- Cultural identity - knowing who we are
- Collaboration and collective impact
- Adapting to change, preparedness and resilience

WHERE WE WANT TO BE:

Our people, including our whānau and marae are supported and empowered in their role as kaitiaki.

We know this is successful when we are:

- actively involved and leading action.
- prepared, resilient and can adapt to change.
- working together for collective impact.
- influence positive change (e.g. better land practices, better ways of developing, better ways of using / appreciating our limited natural resources, producing less waste)
- guided by our Mātauranga, our tikanga and our kawa.

NGA TAKE Ā WHAITUA

This chapter is focused on specific areas within our takiwā.

Topics include:

- Pāpāmoa / Wairakei / Te Tumu
- Te Tāhuna o Rangataua (Rangataua Estuary)
- Nga Pae Maunga o Ngā Potiki (e.g. Te Rae o Pāpāmoa, Otara, Otawa etc)

WHERE WE WANT TO BE:

A collaborative and holistic approach is taken to looking after our takiwā.

We know this is successful when:

- land use and development within Pāpāmoa and Te Tumu is carefully managed.
- our cultural heritage and identity within Pāpāmoa and Te Tumu is protected and recognised.
- the water quality within Rangataua Estuary improves such that kaimoana is abundant and healthy (te hokinga o te pāpaka).
- our cultural heritage, identity and landscapes - In relation our Pae Maunga - are protected and recognised.

PLAN STRUCTURE AND USE

A Plan that is directive - Me hāngai te korero

Although this Plan is for Ngā Potiki first and foremost, Councils will be the main Plan users. With this in mind, we have purposefully structured the plan in a way that makes it easy to use by multiple audiences.

WHAKATAKINGA	<p>Introduction Plan purpose, scope, intended use Who are (our people) Where we are (our takiwā)</p>
KAUPAPA HERE	<p>Policy Chapters Manaaki Taiao - Our Environment Mana Tangata - Our People Nga Take a Whaitua - Our Takiwā Protocols and Processes</p>
TAUNAKI	<p>Supporting Schedules Geospatial Maps Cultural Heritage Sites</p>

We will include the following in each Policy Chapter:

Objectives

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

Policies

Our statements of position, mainly to council staff, which describe the kinds of things we want (or don't want) to see happen to achieve our objectives. Policies will also be included to guide our own long term planning for whānau.

Projects

These are specific actions that we want to lead, be part of and/or require funding. They may also require collaboration with others. Where applicable, we will try and align with existing programmes, to ensure that action occurs.

This discussion document includes examples of projects - see overleaf

PLAN PROJECTS

Things we want to lead or being involved with

Our Ngahere, Our Maunga, Our Rivers

- Create green corridors for our native manu, such as tui, kereru and korimako.
- Establish more native tree planting along waterways, especially along all rivers and streams that feed into Te Tāhuna o Rangataua / Rangataua.
- Remove pest plants and, where possible, plant native trees to restore the 'korowai' on our maunga and the valleys of Te Tāhuna o Rangataua.
- Build capacity so we can influence any Council project relating to the environment. This ensures our values are recognised and that influence positive change e.g. better land management practices, changes in land use, fair and equitable water allocation etc.

Te Tāhuna o Rangataua

Develop a Management Plan to improve the health and wellbeing of Te Tāhuna o Rangataua and its contributing land catchments. It:

- would include spatial elements, strategic goals and specific actions or projects.
- would have a water quality focus. Could also include multiple elements e.g. biodiversity, pest plants and animals, recreational use, tourism potential etc.
- requires collaboration with other Iwi/hapu, land trusts and local authorities.

Our Marae & Community

- Plant fruit trees, edible plants and rongoa plants at marae, papakainga and in public reserves.
- Carry out Marae preparedness planning in relation to using of our marae as civil emergency hubs.
- Refine the Marae Purpose Zones within the City Plan to better provide for Ngā Potiki cultural and social wellbeing. This includes papakainga development, urupa and co-locating social/community services.
- Hold more working bees at our marae and sign up to the Para Kore (zero waste) programme.
- Provide opportunities for kaumatua-led discussions about taiao-specific tikanga e.g. rahui, scattering of ashes on our maunga, burial of whenua/placenta within our takiwā.

Our Cultural Heritage & Identity

- Celebrate who we are and what we do, including key historic events and contemporary achievements.
- Showcase our special sites and places, particularly in areas under pressure of development (e.g. Pāpāmoa, Te Tumu).
- More story telling and korero made visible e.g. storyboards on walkways
- Prepare and publish Ngā Potiki stories for our whānau, schools and community. Stories about our lands and our values, potentially as a series of publications about our tupuna, our current people in the music/art/cultural/ education/science worlds.
- Bilingual signage and pou whenua around our takiwā.
- Visibly erect a Pa site on our traditional pa to showcase our identity and educate whānau and community.
- Ensure urban development incorporates Māori Design principles.
- Register traditional names within our takiwā with the NZ Geographic Board.
- Promote World Heritage designation of places such as Te Rae o Pāpāmoa in collaboration with other iwi/hapu of sites.
- Prepare a cultural pathway plan involving kui koroua pakeke and tamariki.
- Partnerships with education providers, Councils and industry to increase Māori training, input, secondments and appointments in the workforce dealing with the environment.

Research and monitoring

- Carry out and/or collate research to understand the impact of climate change on our takiwā.
- Carry out Ngā Potiki preparedness planning in relation to climate change.
- Develop a more comprehensive monitoring programme for our taiao:
 - find ways to measure and monitor the health of our taiao using our Mātauranga Māori and tohu / indicators that are meaningful to us.
 - be resourced to carry out monitoring of the taiao

BUILDING CAPACITY

To enable more kaitiaki to lead the way

Whānau have indicated a desire for more learning opportunities and workshops/wānanga with regards to our Taiao:

- Understanding what kaitiakitanga means, in practice
- Mātauranga knowledge, including cultural practices and traditions, shared with our younger generations to ensure practices continue into the future.
- Training for marae and whānau with regards to civil emergencies (e.g. fires), natural hazards, oil spills, marine threats.
- Workshops with a practical component, including planting days.
- Scientific information and Ngā Potiki Mātauranga about the natural resources within our taiao.
- Learning how to do our own monitoring of our taiao health, in particular our Mataranga and cultural monitoring opportunities
- Regular hui-ā-lwi and involvement with local kohanga reo and kura.

WE WANT YOUR FEEDBACK

A Plan for Whānau needs Whānau input

This discussion document is intended to show how whānau input is shaping the Plan. We are keen to seek your feedback and check in that we are on the right track before we prepare the draft Plan.

Have we captured your aspirations for our taiao?

Any other issues we need to address in our taiao?

Are there specific projects or actions that you would like to see happen?

Are you aware of anything else in our takiwā and taiao that we need to be prepared for or involved in?



We value and appreciate your feedback.
Email your thoughts to Matire and Elva (plan writer) by 28 May 2018
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