

Rangitāiki Catchment Programme

Annual Work Plan 2016 / 2017



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1. Purpose

The purpose of the Rangitāiki River Catchment programme is to coordinate Bay of Plenty Regional Council work, including work required for Te Ara Whānui o Rangitāiki – Pathways of the Rangitāiki, to deliver on community expectations. The work programme covers all significant activities in the river catchment, including work across policy and planning, science, pollution prevention and maritime service functions. It also includes all operational activities such as biosecurity, biodiversity protection, coast care, rivers and drainage, and sustainable land management.

The programme covers all significant activities (both projects and ongoing work) in the river catchment area carried out by Regional Council.

The programme is broken into five areas of focus and presented in the following sections:

- Te Ara Whānui O Rangitāiki – Pathways of the Rangitāiki
- Governance and programme management
- Integrated planning
- Science
- Operations

2. Background

Council does not have a specific vision or outcomes for the catchment but the Rangitāiki River Forum of which we are a partner does in Te Ara Whānui O Rangitāiki (Te Ara Whānui o Rangitāiki) – Pathways of the Rangitāiki, and they are entirely suitable.

Te Ara Whānui O Rangitāiki – Pathways of the Rangitāiki, the document, is required under the Ngāti Whare Claims Settlement Act 2012 and Ngāti Manawa Claims Settlement Act 2012. The document provides direction for work to improve the river's health and guide its future management, and the legislation describes how these affect Resource Management Act 1991 planning documents and conservation planning documents.

These Settlement Acts require that all persons exercising functions and powers under the Resource Management Act 1991 that affect the Rangitāiki River must have particular regard to the habitat of tuna (*Anguilla dieffenbachia* and *Anguilla australis*) in that river. In the legislation, the Rangitāiki River means the Rangitāiki River and its catchment, including the Rangitāiki, Whirinaki, Wheao and Horomanga Rivers.

Te Ara Whānui O Rangitāiki establishes a vision for the catchment:

“A healthy Rangitāiki River, valued by the community, protected for future generations. Tihei Mauri Ora.”

The outcomes sought for the river catchment are:

- Mauri: Mauri of the water is protected.

- He Taiao: we want bountiful rivers that people cherish, where native habitats and customary harvesting practices sustain people, and where native species, including whitebait and tuna (eels) abound.
- He Tangata: we want a balanced connected and respectful relationship with the rivers and resources which will be the foundation for resilient, sustainable and thriving communities in the Rangitāiki.
- He Awa: we want a clean and healthy environment, characterized by clean water, healthy ecosystems and the return of some threatened species. We want to see people use and enjoy this environment for their spiritual, cultural and recreational needs and to celebrate its heritage with pride.

This vision and outcomes were developed by the Rangitāiki River Forum on behalf of the community and following consultation in 2013 and 2014.

This catchment programme was approved in the Long Term Plan 2015-2025 (LTP) to integrate the delivery of services in the catchment to protect natural character and its coastal environment, with this being its second year. It also follows on from the approval of Te Ara Whānui O Rangitāiki – Pathways of the Rangitāiki which also contains actions to eight objectives to achieve the aforementioned outcomes. Many of the strategy actions overlap the catchment programme, and these links are noted in report.

The catchment programme incorporates work that was delivered through the functional Sustainable Water, Land Use, Coast Care and Biodiversity Programmes prior to the 2015/2016 financial year, along with other functional areas of Council. The key issues that it seeks to address are water quality and quantity, erosion control and soil conservation, and biodiversity protection and enhancement through landowner agreements, tangata whenua and industry partnerships, community care groups and volunteer activity.

The Rangitāiki Catchment (along with the Kaituna/Pongakawa) is one of the first catchments to begin the process of implementing the National Policy Statement for Freshwater and this will have implications for the catchment.

There are specific actions to achieve the objectives of Te Ara Whānui o Rangitāiki, and many of the actions undertaken by the Council under other programmes contribute directly or indirectly to Te Ara Whānui o Rangitāiki.

3. Assumptions

The key assumptions for the programme are:

- No substantive changes to the annual work programme will be made by partners.
- Te Ara Whānui O Rangitāiki – Pathways to the Rangitāiki will proceed through RMA process into the RPS.
- Responsibility for delivery of work identified for the Council will remain the responsibility of the Council.
- Partners and stakeholders are able and willing to engage with the programme.

- New partners to the Rangitāiki River Forum will not impact on the annual programme.

4. Programme

4.1 Key Service Delivery Tasks

The following key service delivery tasks have been identified under the Integrated Catchment Management (ICM) framework for the Rangitaiki Catchment Activity in the LTP:

- 1 Manage biodiversity programme management, including advisory service, delivery and maintenance of active Biodiversity Management Plans (BMPs), new High Value Ecological Sites (HVES), new non-HVES, care group and EEF support.
- 2 Manage sustainable land use programme management, including advisory service, delivery and maintenance of active Riparian Management Plans (RMPs), new RMPs and care group support.
- 3 Assess nutrient management activity on dairy and drystock farms based on a set number of farms per year.
- 4 Manage the coast care programme management and implementation including dune restoration activities.
5. Deliver action under Te Ara Whānui o Rangitāiki – Pathways of the Rangitāiki.
6. Support Community and interagency networks (strategy/plan development and implementation for partnership structures with community and partner agencies).
7. Support the Rangitaiki River Forum.

4.2 Annual Work Plan Priorities

The following sections provide details on all of the programme work planned in the Rangitāiki River catchment by the Bay of Plenty Regional Council. For 2016/2017, key work includes:

- Building stronger connections between the programme partners, Bay of Plenty Regional Council, Ngāti Awa, Ngāti Manawa, Ngāti Whare, Ngāti Tūwharetoa (Bay of Plenty), Whakatāne Plenty District Council, and eventually Ngāi Tūhoe, Taupō District Council and Ngāti Hineuru in order to deliver a better co-ordinated programme of work for the river catchment.
- Implementing the Freshwater Futures programme of work, which also delivers actions within Te Ara Whānui O Rangitāiki – Pathways to the Rangitāiki. This programme includes the regional water allocation plan change.

- Supporting the Rangitāiki River Forum – two key pieces of work include the potential establishment and coordination of the Rangitāiki River Coordination Group, and the development of a tuna action plan Te Hekenga Nui O Te Tuna to achieve Objective 1 of Te Ara Whānui o Rangitāiki.
- Delivering on biodiversity and sustainable land use management, including advisory service, delivery and maintenance of active Biodiversity Management Plans (BMPs), new High Value Ecological Sites (HVES), new non-HVES, delivery and maintenance of active Riparian Management Plans (RMPs), new RMPs, care group and EEF support.
- Delivering coast care programme management and implementation including dune restoration activities and working with community groups.
- Supporting Community and interagency networks (strategy/plan development and implementation for partnership structures with community and partner agencies).

Section 4.3 lists activities within the catchment specifically against the Objectives and Actions of Te Ara Whānui o Rangitāiki. Some projects from the wider catchment work programme are duplicated to clearly identify the links between Council activities and Te Ara Whānui o Rangitāiki.

4.3 Te Ara Whānui o Rangitāiki

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
<p>Objective 1: Tuna within the Rangitāiki Catchment are protected, through measures including the enhancement and restoration of their habitat and migration paths.</p> <p><i>... so the tuna (eels) are fat and plentiful in the Rangitāiki River waterways.</i></p>						
1.1	<p>Develop a plan and solutions to provide access for migrating tuna in Rangitāiki waterways. This Strategic Action covers:</p> <p>1.1a Work with hydro-generation companies and researchers on tuna access projects.</p> <p>1.1b Analyse research and make recommendations on tuna restoration programmes.</p> <p>1.1c Develop a plan in conjunction with river users to address tuna access up the rivers and streams to the sea.</p>	<p>Providing for the natural life-cycle of eels, including migration, is crucial for their protection.</p> <p>... so the tuna (eels) are fat and plentiful in the Rangitāiki River waterways.</p>	<p>Develop an action plan for the achievement of Objective 1 of Te Ara Whānui o Rangitāiki, including any other Objectives and Actions that directly link or contribute to Objective 1.</p> <p>Implementation of the actions within the plan to begin after it has been endorsed by the Rangitāiki River Forum.</p> <p>Note that the action plan delivers to multiple actions/objectives within Te Ara Whānui o Rangitāiki:</p> <p>Objective 1 – all actions Objective 2 – all actions Objective 5 – 5.1, 5.3, 5.4 Objective 6 – 6.1, 6.2, 6.3, 6.4</p>	<ul style="list-style-type: none"> Documented detailed action plan – Te Hekenga Nui O Te tuna - to be completed and presented to the Rangitāiki River Forum at the 16 August 2016 meeting. Implementation of Phase 1 of the plan underway. 	Regional council Iwi	TBC
1.2	<p>Recognise and encourage the use of rāhui as a mechanism to support the protection of tuna.</p>		See Action 1.1: Te Hekenga Nui O Te tuna		Regional council Iwi	

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
1.3	Advise Crown agencies to work with communities to protect, monitor, and promote a better understanding of tuna in the Rangitāiki catchment, including potentially ceasing long-finned eel commercial take in the Rangitāiki catchment.		See Action 1.1: Te Hekenga Nui O Te tuna		Regional council Iwi	
<p>Objective 2: The habitats that support indigenous species and links between ecosystems within the Rangitāiki catchment are created, protected and enhanced. <i>... so the tuna (eels) are fat and plentiful in the Rangitāiki River waterways.</i></p>						
2.1	Implement projects in the Rangitāiki catchment with the local community to protect and restore wetlands and habitats.	Indigenous biodiversity and habitats in the Rangitāiki catchment support indigenous species, reduce rainfall run-off and provide for carbon sinks.	<ul style="list-style-type: none"> Maintain existing and develop new Riparian Management Plans (RMPs), and support implementation Maintain existing and develop new Biodiversity Management Plans (BMPs), and support implementation 	<ul style="list-style-type: none"> Long Term Plan KPI Biodiversity: 4 HVES and 5 community sites where biodiversity is actively managed. <ul style="list-style-type: none"> Currently have 5 HVES under management and 4 community sites. Long Term Plan KPI: Additional 10 km of waterway margin fenced. Biodiversity management under BMPs ongoing in 3 	Regional Council	\$90,000 + Staff time all funded from Rangitāiki Activity Includes activities under 2.2

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
				<p>HVES sites and 1 community led site</p> <ul style="list-style-type: none"> • Provide support and advice as required (ongoing) 		
2.2	Encourage restoration with appropriate vegetation along waterways, where suitable.	Protection of biodiversity and riparian management provide benefits relating to water quality and quantity, erosion control and soil conservation, and biodiversity outcomes.	Maintain existing and develop new RMPs and BMPs, and support implementation	<ul style="list-style-type: none"> • Long Term Plan KPI Biodiversity: • 4 HVES and 5 community sites where biodiversity is actively managed. <ul style="list-style-type: none"> ○ Currently have 5 HVES under management and 4 community sites. • Long Term Plan KPI: Additional 10 km of waterway margin fenced. • Biodiversity management under BMPs ongoing in 3 HVES sites and 1 community led site. Provide support and advice as required (ongoing) 	Regional Council	Included in 2.1
2.3	Work with industries, landowners and agencies to support protection and enhancement of biodiversity in habitats in	BEST Project - Building biodiversity into an ecosystem service-based approach for resource management will contribute	<p>The BEST project is an external initiative aimed at:</p> <ul style="list-style-type: none"> • Providing better information on natural 	<ul style="list-style-type: none"> • Workshop series completed, with final workshop June 2016. • Report on results to the 	Regional Council	Staff time only, funded from Rangitāiki Activity budget

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
	<p>the catchment. The use of native plants is encouraged where practical.</p>	<p>information to this action, by identifying pathways to achieve biodiversity protection within that landscape. Project contributes to several actions.</p> <p>Working with industry partners encourages information transfer and behavioural change, and promotes positive change and the uptake of incentives.</p>	<p>resources on land</p> <ul style="list-style-type: none"> offering an approach that people can use to explore the impacts their choices have on the complex systems we live in Representatives of stakeholders and iwi within the catchment have been invited to participate 	<p>Rangitāiki River Forum in 16 November 2016</p> <ul style="list-style-type: none"> BEST project team to present findings to RRF before end June 2017. 		
2.4	<p>Implement a coordinated programme to identify, prioritise, protect, and enhance the existing ecosystems, significant sites and connections in the Rangitāiki catchment.</p>	<p>Determining relative priorities of biodiversity sites enables better targeting of resources. A region-wide project is reviewing the biodiversity priority sites within the region, with a focus on species and ecosystem values.</p> <p>A review of our biodiversity management plan policy is underway, which will also provide direction in this regard and will include</p>	<ul style="list-style-type: none"> Review strategic approach for land management and biodiversity when regional project and policy reviews are complete. 	<ul style="list-style-type: none"> Strategic approach and/or target sites agreed and documented. Priority sites progressively coming under management. See 2.1 and 2.2. 	<p>Regional Council and Department of Conservation</p>	<p>Staff time only, funded from Rangitāiki Activity budget</p>

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
		provisions for support of sites that are prioritized for reasons other than species and ecosystems (landowner/community values). An interim catchment level prioritization and approach was documented in 2015/2016.				
2.5	Industries use best practice in their operations to provide for indigenous species habitat and links between ecosystems.	Native ecosystems in the Rangitāiki Catchment support indigenous species, reduce rainfall run-off and provide for carbon sinks.	TBA	TBA	Industry sectors	
2.6	Work with industries, landowners and agencies to seek opportunities to regenerate indigenous cover in the catchment.	Inventory of existing state in of indigenous vegetation and riparian fencing and planting identifies opportunities to continue to build on this into the future.	<ul style="list-style-type: none"> • See 2.4 • Continue to ground truth habitat and sites in the catchment. 	<ul style="list-style-type: none"> • Ensure re-mapped indigenous sites are used as the basis for supporting delivery on strategy actions. See 2.4, 2.1, 2.2. 	Regional Council and Department of Conservation	Staff time only, funded from Rangitāiki Activity budget

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
<p>Objective 3: Water quality is restored in the Rangitāiki catchment. <i>... so it is safe for people to swim in, take food from, and find drinking water in as many places as possible.</i></p>						
3.1	<p>Develop sustainable environmental flow and Rangitāiki catchment load limits (eg. nutrients, sediments and bacteria) through the Freshwater National Policy Statement framework</p> <p>including establishing:</p> <ul style="list-style-type: none"> • the current state and anticipated future state • freshwater objectives • limits for meeting freshwater objectives. 	<p>The Water Programme's Freshwater Futures project has been established to deliver the National Policy Statement for Freshwater Management (NPSFW) and will set water quality and quantity limits across the region</p> <p>Freshwater Futures contributes to Actions 3.1, 4.1 and 4.2, 4.4, 4.5 of Te Ara Whānui o Rangitāiki.</p>	<p>Carry out water quality and quantity limit setting process (in accordance with the NPSFW) for the Rangitāiki catchment.</p>	<ul style="list-style-type: none"> • Identify attributes and objectives, based on identified values • Work through options and scenarios to support objectives 	Regional Council	\$513,000 (Land and Water Framework Activity budget)
3.2	<p>Initiate strategies for managing water, wastewater and stormwater in the district, in consultation with the community and tangata whenua, including investigations into treatment and discharge options.</p>	<p>In response to the Matata Waste Water proposal the district council is taking a strategic approach to how it manages its wastewater across the plains.</p>	<p>Ongoing investigations suggest that pumping to the existing Whakatāne waste water facility may well be the way forward for the future. This will involve a new way of managing Edgecumbe waste water and will be a significant improvement for the Rangitaiki catchment.</p>	<ul style="list-style-type: none"> • Investigation into district wide waste water approach. 	Whakatāne District Council	

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
			Council is looking for funding to provide an improved level of service for drinking water to Te Teko and Edgecumbe.			
3.3	Identify, forecast and assess emerging pressures on the resources in the Rangitāiki catchment and likely opportunities and targets for restoring water quality.	TBA	TBA	TBA	Regional Council	
<p>Objective 4: Prosperity in the Rangitāiki catchment is enabled within the sustainable limits of the rivers and receiving environment. <i>... so it is safe for people to swim in, take food from, and find drinking water in as many places as possible.</i></p>						
4.1	Work with rural industries, iwi, landowners, the community and other willing stakeholders in the Rangitāiki catchment to articulate their aspirations for prosperity and values for freshwater through using the Freshwater National Policy	See action 3.1			Regional Council	

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
	Statement framework.					
4.2	Understand the status of water allocation and efficiency of use (including irrigation)	The Freshwater Futures Water Allocation Plan Change project has been established to address specific issues such as unauthorized takes, improve efficiency of water allocation and use, reinforce existing limits to allocation and use.	Notify proposed plan for region wide water quantity plan change (Proposed Plan Change 9 Regional Water and Land Plan (expected that appeals will occur).	Proposed Region-wide Water Quantity Plan Change (Plan Change 9) Regional Allocation Plan change (RWLP)	Regional Council	\$84,500 for legal and consultancy costs + staff time, all funded from Water Policy budget.
4.3	Work with landowners to complement best management practice as proposed by their industries and other authorities.	Primary sector agencies are a key support network for information transfer and behavioural change for farmers. Opportunities arise for the Council to attend different events and share information, or influence the content of some events to promote positive change or uptake of incentives	<ul style="list-style-type: none"> Attend discussion group days for farmers Work with DairyNZ/Fonterra/ Beef and Lamb and Fertiliser companies to put together a work programme for farmers which is focused on educating them and filling the knowledge gaps 	<ul style="list-style-type: none"> Attend as many events as possible End of year relationships are strong and well founded 	Industry sectors Regional Council	Staff time only, funded from Rangitāiki Activity budget

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
4.4	Engage in Rangitāiki catchment freshwater debates and issues.	See action 3.1	TBA	TBA	Forum Partners	
4.5	Work with hydroelectric power companies and other commercial and industrial sectors on actions designed to achieve a healthy Rangitāiki River.	See Objective 1, Action 1.			Forum Partners	
4.6	Put in place a programme to understand the physical resources of individual farms within the Rangitāiki River catchment and drive toward a more planned farm system and awareness approach.	TBA	TBA	TBA	Regional Council	Staff time only, funded from Rangitāiki Activity budget
4.7	Encourage businesses to engage in sustainable business practices and a restorative economy (moving away from a “take, waste, pollution” economy).	TBA	TBA	TBA	Industry sectors	

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
4.8	Promote opportunities that enable economic development in the Rangitāiki catchment within sustainable limits (for example, new technologies)	Potentially linked to the Regional growth Study opportunities and developing action plans	Look for involvement of the catchment annual work programme in joining to action plans for water; forestry; horticulture; agriculture; education and skills; and visitor economy	TBA	Forum Partners	
<p>Objective 5: The relationships between communities and the Rangitāiki catchment is recognised and encouraged. <i>... so the Rangitāiki River and its waterways stay special.</i></p>						
5.1	Develop and implement a Cultural Health Index (CHI) for the Rangitāiki, Whirinaki, Wheao and Horomanga Rivers, which incorporates mātauranga Māori methods.	TBA	Potentially linked to Council project being established by Kotahitanga team at Regional Council. This project is about giving staff guidelines and a framework for Mātauranga Māori. Also see Objective 1 – Te Hekenga Nui o Te Tuna will partially address this with specific regard to tuna.	TBA	Iwi, Regional Council	
5.2	Identify where and how rubbish is entering waterways, and then prevent it by promoting better waste/pollution management with	TBA	TBA	TBA	Community, District Councils	

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
	industries and communities.					
5.3	Support children and young people in the Rangitāiki catchment to learn and participate in ecological regeneration and environmental sustainability.	TBA	See Objective 1 – Te Hekenga Nui o Te Tuna will partially address this with specific regard to tuna.	TBA	Local authorities, Iwi	
5.4	Support schools in the Rangitāiki catchment through funding environmental projects	Grow the number of projects from the schools and community to encourage more involvement. There are two projects in the catchment currently funded by the Environmental Enhancement Fund.	Increase number of projects approved and supported by Environmental Enhancement Fund, Community Fund and other external fund providers Also see Objective 1 – Te Hekenga Nui o Te Tuna will partially address this with specific regard to tuna.	Support provided to facilitate implementation.	Iwi, Regional Council	Staff time only, funded from Rangitāiki Activity budget and other Activities as required
5.5	Support community-based projects that improve the Rangitāiki catchment environment, raise environmental awareness and use the	As for 5.4. Grow the number of projects from the schools and community to encourage more involvement	Increase the number of projects approved and supported through the BOPRC Environmental Enhancement Fund and Community Fund and other external fund	Support provided to facilitate implementation.	Forum Partners	Staff time only, funded from Rangitāiki Activity budget and other Activities as required

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
	enthusiasm and skills of the local communities through funding, education and advice.		providers			
5.6	Monitor and report progress on protecting and enhancing the environmental, cultural and spiritual health and wellbeing of the Rangitāiki River and its resources for the benefit of present and future generations.	See action 5.1	TBA	TBA	Forum Partners	
<p>Objective 6: The practice of kaitiakitanga in decision-making for managing the resources of the Rangitāiki catchment is recognised and provided for. <i>... so the Rangitāiki River and its waterways stay special.</i></p>						
6.1	Develop protocols for recognising and exercising iwi and hapū mana including kaitiakitanga in identified resource management decision-making processes.	TBA	See Objective 1 – Te Hekenga Nui o Te Tuna will partially address this with specific regard to tuna.	TBA	Iwi, consent authorities	

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
6.2	Collect an inventory of wāhi tapu in the Rangitāiki catchment.	TBA	See Objective 1 – Te Hekenga Nui o Te Tuna will partially address this with specific regard to tuna.	TBA	Iwi	
6.3	Develop a protocol for accessing, holding and using the wāhi tapu information.	TBA	See Objective 1 – Te Hekenga Nui o Te Tuna will partially address this with specific regard to tuna.	TBA	Iwi, consent authorities	
6.4	Conduct a survey to collect information on tikanga associated with the rivers of the Rangitāiki catchment.	The aim is to ensure the whakamana of the tikanga for the catchments rivers and places is respected	Develop a project with Patuhueheu Ngati Haka which will look at recording the names and stories of sites and places within their rohe This will link to action 5.3 and 5.5 See Objective 1 – Te Hekenga Nui o Te Tuna will partially address this with specific regard to tuna.	Complete a project with Patuhueheu Ngati Haka that supports their aspiration of making their knowledge of places and stories available for their whānau and the wider community	Iwi	
6.5	Encourage the industry sector to actively inform iwi and local communities about their environmental and social performance in the	TBA	TBA	TBA	Industry sectors	

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
	Rangitāiki catchment.					
<p>Objective 7: Naturalness of the river and the landscape of the Rangitāiki catchment is respected. <i>... so the Rangitāiki River and its waterways stay special.</i></p>						
7.1	Develop a river sustainability 100-year strategy to outline how the rivers and drainage schemes in the Rangitāiki catchment can be sustainably managed	The purpose of this project is to investigate alternative options to the management of a river scheme long term. This project contributes to Action 7.1 and 7.3 of Te Ara Whānui O Rangitāiki	Undertake a detailed investigation into options to reduce peak flood flows. This will build on previous optioneering studies.	Detailed action plan by 30 June 2017. Option currently being investigated for the Rangitāiki River Catchment - combined irrigation/flood control storage feasibility study – reporting delayed, now due end of August 2016.	Regional Council	\$20,000
7.2	Develop a strategy to manage flood risk	As for 7.1.	TBA	TBA	Regional Council	
7.3	Explore alternative options for riverbank management and protection on a case-by-case basis.	See action 7.1	TBA	TBA	Regional Council	

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
7.4	Install eco-passages where structures (like culverts) impede the lifecycle of fish in the river.	Rivers and Drainage key projects include culvert renewals within the Rangitāiki Catchment, under the wider schemes activity.	New culverts will be installed to facilitate fish passage within the catchment.	All new culverts installed in the Rangitāiki Catchment to facilitate fish passage	Regional Council	\$204,000
7.5	Survey and map the status of river and other habitats and then enhance the biodiversity where possible.	See action 2.6	TBA	TBA	Regional Council	
7.6	Progressively remove structures that impede cultural and recreational access where appropriate, and remedy or adapt structures to minimise effects.	See action 7.4	TBA	Delivery of the planned capital works programmes	Regional Council	

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
Objective 8: Access to the Rangitāiki River and its tributaries is maintained and enhanced. <i>... so the Rangitāiki River and its waterways stay special.</i>						
8.1	Survey and map existing access points, esplanade strip/reserves and marginal strips for recreation opportunities.	TBA	TBA	TBA	Local authorities	
8.2	Identify existing and new priority public access points, linkages, as well as areas and time periods where public access should be restricted.	TBA	TBA	TBA	Local authorities	
8.3	Provide and maintain safe and identifiable public access points along the margins of the rivers in the Rangitāiki catchment, where appropriate.	TBA	TBA	TBA	Local authorities, Department of Conservation	
8.4	The Whakatāne District Plan continues to manage the acquisition of esplanade reserves/strips and access strips for public	The District Council actively manages and obtains esplanade strips through the subdivision process, as ongoing business as usual.	BAU	BAU	Whakatāne District Council	

Objective	Action	Background	Action Description	Deliverables	Indicative Lead Organization	Financials
	access, recreation and conservation purposes.					
8.5	Support appropriate amenities (signage, interpretation, education and rubbish disposal).	TBA	TBA	TBA	Local authorities, Department of Conservation	
8.6	Work with communities, landowners and industries to consider opportunities to create appropriate access, including vehicle, walking, bicycle and waka access to the river.	<p>Lake Aniwanuiwa (previously Aniwhenua) has been a valuable recreational resource in addition to its role in electricity generation. This has been compromised by shallowing from sedimentation and high nutrient loads which have caused massive aquatic weed growth. There is some local interest in improving the situation.</p> <p>This project contributes to Action 8.6 of Te Ara Whānui o Rangitāiki.</p>	Continue to work with the community group, Nova/Southern Generation and iwi to develop a plan of action for Lake Aniwanuiwa.	<ul style="list-style-type: none"> • Develop stakeholder group membership and meet at least three times. • Develop draft Lake Aniwanuiwa project plan • Draft application for aquatic weed spraying for limited areas of the lake, and undertake consultation with affected parties. • Continue to provide support to community group/s around the lake. 	Regional Council	\$10,000 + Staff time all funded from Rangitāiki Activity

4.4 Governance and programme management

Project	Background	Description	KPI / Deliverable	Budget	Link to Outcomes
Rangitāiki River Catchment Annual Work Programme 2016/2017 (for both Bay of Plenty Regional Council, Rangitāiki River Forum, Eastern Bay Joint Committee)	Bay of Plenty Regional Council, Rangitāiki River Forum and Eastern Bay Joint Committee require a report.	The 2016/2017 Annual Work Programme will describe the significant work planned for the 2016/2017 financial year. It will be presented to relevant Council committees and Rangitāiki River Forum according to meeting schedules.	Present 2016/2017 Annual Work Programme to the relevant Council committee/s and Rangitāiki River Forum.	Staff time only, funded from Rangitāiki Activity budget	Regional collaboration and leadership
Rangitāiki Catchment 2015/2016 Annual Report (Bay of Plenty Regional Council, Rangitāiki River Forum, Eastern Bay Joint Committee)	Bay of Plenty Regional Council, Rangitāiki River Forum and Eastern Bay Joint Committee require a report.	The Annual report describes the results of the Rangitāiki Catchment projects and core ongoing work carried out in the 2015/2016 financial year.	Present the 2015/2016 Annual Report to the relevant Council committee/s and Rangitāiki River Forum at 16 August 2016 meeting.	Staff time only, funded from Rangitāiki Activity budget	Regional collaboration and leadership
Rangitāiki Catchment 2016/2017 Six Months Progress Report (Bay of Plenty Regional Council, Rangitāiki River Forum, Eastern Bay Joint Committee)	Bay of Plenty Regional Council, Rangitāiki River Forum and Eastern Bay Joint Committee require a report.	The progress report describes the results/progress of the Rangitāiki Catchment projects and core ongoing work carried out in the 2016/2017 financial year.	Present the 2016/2017 Six Months Progress Report to the relevant Council committee/s and Rangitāiki River Forum. Note that the 2016/2017 Annual Report will be presented early in the 2017/2018 financial year.	Staff time only, funded from Rangitāiki Activity budget	Regional collaboration and leadership
Communications	Communications provide a support function to enable the various work-streams and projects to achieve their outcomes.	Make information about the catchment available when people go looking, when we have something new to say, if we are	<ul style="list-style-type: none"> Communications support provided as and when required, outside specific project plans. 	\$15,000 + Forum partners contribution + Staff time all funded from Rangitāiki Activity	Resilience and safety Regional collaboration and leadership

Project	Background	Description	KPI / Deliverable	Budget	Link to Outcomes
		<p>doing something that will affect them, or to promote a specific call to action.</p> <p>Improve the community's understanding about high profile catchment issues.</p> <p>Provide strategic communications advice, and support the catchment to connect with and influence stakeholders.</p>			
<p>Establish Rangitāiki River Coordination Group</p>	<p>Te Ara Whānui O Rangitāiki – Pathways of the Rangitāiki requires coordination in order to achieve the desired outcomes. It is proposed that a coordination group be established, to operate in a similar manner to the Ōhiwa Harbour Strategy Coordination Group. This requires endorsement from Council and the Rangitāiki River Forum</p>	<p>Provided this is endorsed, we will establish the coordination group, including membership and Terms of Reference, reporting frequency and formats, with the Rangitāiki River Forum</p>	<ul style="list-style-type: none"> • Rangitāiki River Coordination Group is established. • Terms of reference for the group are agreed and documented • Meeting schedule is in place to the end of the financial year • Selected actions have an implementation plan established 	<p>\$6,000 + Staff time all funded from Rangitāiki Activity budget</p>	<p>Regional collaboration and leadership</p>

4.5 Integrated planning

Project	Background	Description	KPI / Deliverable	Budget	Link to Outcomes
Notify Change 3 (Rangitāiki River) to the Regional Policy Statement	Te Ara Whānui O Rangitāiki – Pathways of the Rangitāiki is a statutory document arising from the Ngāti Whare Claims Settlement Act 2012 and the Ngāti Manawa Claims Settlement Act 2012. The Rangitāiki River Forum prepared the document to provide direction for work to improve the river’s health and guide its future management.	<p>The Bay of Plenty Regional Policy Statement (RPS) must recognize and provide for the vision, desired outcomes and objectives contained within Te Ara Whānui O Rangitāiki, to the extent that it relates to resource management issues.</p> <p>Change 3 will be notified for submissions and hearings held in the 2016/2017 financial year.</p>	Change 3 will be notified for submissions and hearings held in the 2016/2017 financial year.	\$42,091 total budget for Proposed Change 3 (Rangitāiki River) for legal, advertising and consultant costs of are budgeted in the 2016-17 financial year.	<p>Water quality and quantity</p> <p>Environmental protection</p> <p>Resilience and safety</p> <p>Regional collaboration and leadership</p> <p>Economic development</p>
On-site Effluent Treatment Regional Plan review	The On-site Effluent Treatment Regional Plan manages the discharge of contaminants from on-site effluent treatment systems (e.g. septic tanks). The Plan is required to be reviewed in 2016, and new policies and rules will be included in the Regional Water and Land Plan.	<p>Develop policies and rules for managing on-site effluent treatment systems with key stakeholders, and engage with communities affected policy changes in the Rangitāiki catchment.</p> <p>At this stage there are no un-reticulated communities of concern in the Rangitāiki catchment.</p>	Report to the Rangitāiki River Forum on the draft plan change in early 2017.	Staff time only, funded from Regional Integrated Planning budget.	<p>Environmental protection</p> <p>Regional collaboration and leadership</p>

Project	Background	Description	KPI / Deliverable	Budget	Link to Outcomes
Freshwater Futures	The Water Programme's Freshwater Futures project has been established to deliver the National Policy Statement for Freshwater Management (NPSFW) and will set water quality and quantity limits across the region Freshwater Futures contributes to Actions 3.1, 4.1 and 4.2, 4.4, 4.5 of Te Ara Whānui o Rangitāiki.	Carry out water quality and quantity limit setting process (in accordance with the NPSFW) for the Rangitāiki catchment.	<ul style="list-style-type: none"> Identify attributes and objectives, based on identified values Work through options and scenarios to support objectives 	\$513,000 (Land and Water Framework Activity budget)	<p>Water quality and quantity</p> <p>Environmental protection</p> <p>Resilience and safety</p> <p>Regional collaboration and leadership</p> <p>Economic development</p>
Matauranga Maori framework	Council is developing a high level strategy with key principles and objectives that will guide Council and staff to better understand matauranga Māori and to work alongside Māori to apply it in Council planning and processes.	The aim of the Mātauranga Māori Project is to develop and produce a Mātauranga Māori Framework and Guide. The intent of these tools is to help staff understand mātauranga Māori and how it can be applied in Council's role to manage and care for our natural environment. This will be important for our work in Te Ara Whānui O Rangitāiki in delivering Objective 6 and action 5.1	<ul style="list-style-type: none"> Report to the Rangitāiki River Forum on progress Support Kotahitanga team when required 	Staff time only, funded from Rangitāiki Activity budget	<p>Regional collaboration and leadership</p> <p>Economic development</p>
Regional Allocation Plan Implementation project	The Freshwater Futures Water Allocation Plan	Notify proposed plan for region wide water	Proposed Region-wide Water Quantity Plan	\$84,500 for legal and consultancy costs	Water quality and quantity

Project	Background	Description	KPI / Deliverable	Budget	Link to Outcomes
Plan Change 9	Change project has been established to address specific issues such as unauthorized takes, improve efficiency of water allocation and use, reinforce existing limits to allocation and use.	quantity plan change (Proposed Plan Change 9 Regional Water and Land Plan (expected that appeals will occur).	Change (Plan Change 9) Regional Allocation Plan change (RWLP)	+ staff time, all funded from Water Policy budget.	Environmental protection Resilience and safety Regional collaboration and leadership
Eastern Bay – Beyond Today (Eastern Bay spatial plan)	Eastern Bay – Beyond Today is being developed by Council, Whakatāne, Kawerau and Opōtiki District Councils. It aims to be a collective voice for the Eastern Bay, sets out outcomes for where the Eastern Bay wants to be in the next 30-50 years, and identifies Key Opportunities. The associated implementation plan will highlight existing strategies, and identify future collaborative actions.	Connect with EBOP Joint Committee on the implementation of Eastern Bay – Beyond Today where it impacts the Rangitāiki catchment.	The final plan will be presented to Rangitāiki River Forum (at the November meeting) and RDD after September, when it has been approved by Eastern BOP Joint Committee.	Staff time only, funded from Regional Planning Activity budget.	Environmental protection

4.6 Science

Project	Background	Description	KPI / Deliverable	Budget	Link to Outcomes
NERMN monitoring wetlands	<p>Regional monitoring of wetlands is underway to monitor trends in condition of freshwater wetlands across the region.</p> <p>The aim is to monitor 70-80 wetlands over a five year period. Year 1 was 2014/2015.</p>	<p>Vegetation plots and soil/foilage samples are used to look at changes in vegetation composition and nutrient status over time.</p>	<p>Complete Year 3 sample of regional wetlands – monitoring plots established, baseline data collected. This is dependent on landowner permissions. Data analysis and reporting will be completed at the end of the five year cycle.</p>	<p>\$50,000</p> <p>Funded from the Science Activity budget.</p>	<p>Environmental Protection</p>
NERMN monitoring dunelands	<p>Regional monitoring of dunelands is underway to monitor trends in the extent and condition of undeveloped dunes across the region.</p> <p>Monitoring is undertaken every 5-10 years, and baseline monitoring was completed over the summers of 2008 and 2009.</p>	<p>Vegetation mapping is undertaken across the full extent of the coast. Condition parameters are collected within belt transects at every 1 km interval.</p>	<p>Complete Eastern part of the region (from Otamarakau east). Western was completed 2015/2016.</p> <p>Data analysis and reporting will be completed in 2017/2018.</p>	<p>\$30,000</p> <p>Funded from the Science Activity budget.</p>	<p>Environmental Protection</p>

4.7 Operations

Project	Background	Description	KPI / Deliverable	Budget	Link to Outcomes
Catchment Land use and Biodiversity	<p>Protection of biodiversity and riparian management provide benefits relating to water quality and quantity, erosion control and soil conservation, and biodiversity outcomes.</p> <p>This project contributes to all actions under Objective 2 and action 7.5 of Te Ara Whānui O Rangitāiki.</p>	<ul style="list-style-type: none"> Maintain existing and develop new Riparian Management Plans, and support implementation Maintain existing and develop new Biodiversity Management Plans, and support implementation 	<ul style="list-style-type: none"> Long Term Plan KPI: Biodiversity: 4 HVES and 5 community sites where biodiversity is actively managed. <ul style="list-style-type: none"> Currently have 5 HVES under management and 4 community sites. Long Term Plan KPI: Additional 10 km of waterway margin fenced. Biodiversity management under BMPs ongoing in 3 HVES sites and 1 community led site 	<p>\$100,000 is council contribution + Staff time all funded from Rangitāiki Activity</p>	<p>Water quality and quantity Environmental protection Regional collaboration and leadership Economic development</p>
Biosecurity	<p>The Biosecurity Activity manages pests in the region through the Regional Pest Management Plan (RPMP). This includes surveillance and managing pest plants and animals, educating and advising landowners, and supporting national initiatives with external</p>	<p>Business as usual includes regional surveillance, control work on pests classified as Exclusion and Eradication in the RPMP, support biological control research and undertake regional management, provide advisory service for pest management, and dealing with common issues in a coordinated</p>	<ul style="list-style-type: none"> Key projects implemented. Common problems A detailed report for this activity will be presented to RDD. 	TBA	<p>Water quality and quantity Environmental protection Resilience and safety Regional collaboration and leadership Economic development</p>

Project	Background	Description	KPI / Deliverable	Budget	Link to Outcomes
	agencies such as Ministry for Primary Industries and Department of Conservation.	<p>way as appropriate (eg; contorta on the Central Plateau).</p> <p>Key projects for 2016/2017 include:</p> <ul style="list-style-type: none"> • Implementing the Marine Biosecurity Management Plan for the Bay of Plenty; • Working with MPI, Waikato Regional Council, DOC to contain the spread of dama wallabies; • Review of the RPMP. 			
Nutrient management	Nutrient leaching from agricultural land use affects water quality. Nutrient management plans provide a tool for farmers to identify nutrient hotspots on farm, and areas where leaching can be reduced by adjusting management practices.	Help farmers understand the purpose and benefits of having a nutrient management plan.	Run two nutrient management workshops in the Rangitāiki Catchment area.	\$8,000 + Staff time funded from Eastern Activity budget	Water quality and quantity Environmental protection
Lake Aniwanuiwa project	Lake Aniwanuiwa (previously Aniwhenua) has been a valuable recreational resource in addition to its role in electricity generation.	Continue to work with the community group, Nova/Southern Generation and iwi to develop a plan of action	<ul style="list-style-type: none"> • Develop stakeholder group membership and meet at least three times. • Develop draft Lake 	\$? + Staff time all funded from Rangitāiki Activity	Environmental protection Regional collaboration and leadership

Project	Background	Description	KPI / Deliverable	Budget	Link to Outcomes
	<p>This has been compromised by shallowing from sedimentation and high nutrient loads which have caused massive aquatic weed growth. There is some local interest in improving the situation.</p> <p>This project contributes to Action 8.6 of Te Ara Whānui o Rangitāiki.Rangitāiki.</p>	for Lake Aniwanīwa.	<p>Aniwanīwa project plan</p> <ul style="list-style-type: none"> • Draft application for aquatic weed spraying for limited areas of the lake, and undertake consultation with affected parties. • Continue to provide support to community group/s around the lake. 		
Working with primary sector industry partners	<p>Primary sector agencies are a key support network for information transfer and behavioural change for farmers. Opportunities arise for the Council to attend different events and share information, or influence the content of some events to promote positive change or uptake of incentives.</p> <p>Contributes to Action 4.3 of</p>	<ul style="list-style-type: none"> • Attend discussion group days for farmers • Work with DairyNZ/Fonterra/ Beef and Lamb and Fertiliser companies to put together a work programme for farmers which is focused on educating them and filling the knowledge gaps 	<ul style="list-style-type: none"> • Attend as many events as possible 	<p>\$3,600</p> <p>Staff time only, funded from Rangitāiki Activity budget</p>	<p>Water quality and quantity</p> <p>Environmental protection</p> <p>Regional collaboration and leadership</p> <p>Economic development</p>
Coast care	<p>There are 2.8 km of coastline within the Rangitāiki Catchment. Coast care supports</p>	<ul style="list-style-type: none"> • Council offers advice on reducing and repairing dune damage, facilitates 	<ul style="list-style-type: none"> • Develop operational plan for Coast Care in the Rangitāiki Catchment with the 	<p>\$22,305</p> <p>+ Staff time all funded from Rangitāiki Activity</p>	<p>Environmental protection</p> <p>Resilience and safety</p> <p>Regional collaboration</p>

Project	Background	Description	KPI / Deliverable	Budget	Link to Outcomes
	groups working to restore dunes in the coastal area. Partner agencies include the District Councils and the Department of Conservation.	activities and coast care groups and provides technical support for dune restoration activities	<p>partners.</p> <ul style="list-style-type: none"> • Deliver Coast Care programme within the catchment. • Coast care groups are satisfied with the service they receive from Council • • 		and leadership
Community Fund	Council's community focused funding is available to support projects in the catchment. There are 3 categories; Environmental Enhancement Fund, Community Initiatives Fund and Corporate Sponsorship Fund Community funds work contributes to Action 5.4 and 5.5 of Te Ara Whānui o Rangitāiki.	Grow the number of projects from the community to encourage more involvement with Council and their catchment	<ul style="list-style-type: none"> • Support existing projects. • Increase the number of projects approved and supported 	Staff time only, funded from Rangitāiki Activity budget and other Activities as required	<p>Water quality and quantity</p> <p>Environmental protection</p> <p>Regional collaboration and leadership</p> <p>Economic development</p>
Pollution Prevention work (BAU): compliance monitoring, complaint response and enforcement.	Pollution Prevention Team core work involves monitoring all consents issued across the region including those that are operative in the Rangitāiki Catchment,	Compliance staff undertakes compliance of operative consents as per the monitoring conditions outlined in the consent conditions. Any	<ul style="list-style-type: none"> • Compliance and impact monitoring of sites/consents to be in accordance with the 2016/2017 Council Charges 	Charges for compliance monitoring are recovered from the consent holder as set out in the annual Council Charges Policy. For higher- risk sites there will be a higher	<p>Water quality and quantity</p> <p>Environmental protection</p> <p>Resilience and safety</p> <p>Regional collaboration and leadership</p>

Project	Background	Description	KPI / Deliverable	Budget	Link to Outcomes
	<p>responding to complaints/incidents via a 24 hour Pollution Hotline. In cases of serious breaches of regional plan rules or the RMA, enforcement action may follow.</p>	<p>complaints which directly impact on the Rangitāiki catchment will be responded to as part of calls to the Pollution Hotline.</p>	<p>Policy.</p> <ul style="list-style-type: none"> • Long Term Plan KPI: All urgent complaints to the Pollution Hotline are responded to within 12 hours. • Region-wide water takes: 5-10 litre/second water takes are required to be metered and verified as per the Watering Metering Regulations 2010. Required to be completed by 10 November 2016. • Annual Report. 	<p>frequency of compliance visits and requirements for data reporting from consent holders and these are recovered on an actual and reasonable basis.</p>	
<p>Resource Consents (BAU)</p>	<p>This activity processes and makes decisions on resource consent applications under the Resource Management Act 1991 and/or rules in our regional plans, ensuring statutory requirements are fulfilled and a fair process for decision-making is followed. This Activity also provides advice and information to resource users about regional plan</p>	<p>Decisions on consent applications are made in a timely manner following a robust process</p>	<p>Long Term Plan KPI: 99% of applications processed within statutory time frames.</p>	<p>n/a</p>	<p>Water quality and quantity Environmental protection Resilience and safety Regional collaboration and leadership Economic development</p>

Project	Background	Description	KPI / Deliverable	Budget	Link to Outcomes
	requirements and consents.				
Maritime - Navigation Bylaw review (and BAU)	BOPRC is the statutory and regulatory harbour authority. Bay of Plenty Harbour Limits include the Rangitāiki River mouth, Lake Aniwanuiwa and Lake Matahina.	Navigation Bylaw review and BAU activities are detailed in Appendix 1.	See Appendix 1 maritime BAU. Navigation bylaw : <ul style="list-style-type: none"> Hearings held 22nd – 26th July (independent commissioners) Commissioners decisions due out early August New Bylaw to be adopted by Council at their 25th August meeting Bylaw operative 01 October 	n/a	Environmental protection Resilience and safety
Rivers and Drainage Schemes Activity – BAU	This activity involves ownership, management and maintenance of the Rangitāiki-Tarawera Rivers Scheme and the Rangitāiki Drainage Scheme, and multiple minor pumping schemes. It provides flood protection, stop banks, flood pump stations, floodgates, drainage maintenance	BAU is detailed in Appendix 2.	<ul style="list-style-type: none"> Delivery of the planned capital works programmes and reported to Rangitāiki River Forum in 2017 Rangitāiki drainage culvert renewals. 	Rangitāiki-Tarawera Rivers Scheme \$2,590,000 Rangitāiki Drainage Scheme \$750,000 \$204,000 Rangitāiki Culverts + Staff time all funded from Rivers and Drainage Activity	Water quality and quantity Environmental protection Resilience and safety Regional collaboration and leadership Economic development

Project	Background	Description	KPI / Deliverable	Budget	Link to Outcomes
	and erosion control structures and constructing flood ways. This activity contributes to actions under Objective 7 of Te Ara Whānui o Rangitāiki.				
Rivers and Drainage Schemes – Key Project Rangitāiki floodway widening	The purpose of this project is to widen the floodway to cope with increased flows. This project contributes to Action 7.6 and 7.4 of Te Ara Whānui O Rangitāiki	<ul style="list-style-type: none"> Widen the floodway channel from 10m width to 20m width alongside Clyde Frasers farm Replace Clyde Frasers 10m span bridge with a 20m span bridge Widen the floodway on the left bank downstream of the Thornton Road bridge 	Delivery of the planned capital works programmes and reported to Rangitāiki River Forum in 2017.	\$3,130,000 (Floodway) + Staff time all funded from Rivers and Drainage Activity.	Water quality and quantity Environmental protection Resilience and safety Regional collaboration and leadership Economic development
Rivers and Drainage Schemes – Key Project River Scheme Sustainability. Upper Rangitāiki Action Plan.	The purpose of this project is to investigate alternative options to the management of a river scheme long term. This project contributes to Action 7.1 and 7.3 of Te Ara Whānui O Rangitāiki	Undertake a detailed investigation into options to reduce peak flood flows. This will build on previous optioneering studies.	Detailed action plan by 30 June 2017. Option for Rangitāiki River Catchment - combined irrigation/flood control storage feasibility study – reporting delayed, now due end of August 2016.	\$50,000 + Staff time all funded from Regional Flood Risk Coordination Activity	Water quality and quantity Environmental protection Resilience and safety Regional collaboration and leadership Economic development
Lower Rangitāiki River	The Trustpower Matahina	Investigation into	Quantify erosion and	\$75,000.	Water quality and

Project	Background	Description	KPI / Deliverable	Budget	Link to Outcomes
erosion investigation.	Dam consent renewal involves a new operating regime. This regime may lead to increased erosion downstream of the dam.	possible increased erosion – confirm whether it is occurring or not, and quantify.	report. Due 30 June 2017.	+ Staff time all funded from Regional Flood Risk Coordination Activity	quantity Environmental protection Resilience and safety Regional collaboration and leadership

5 Financials

Bay of Plenty Regional Council Rangitāiki River Catchment Programme Budget 2015 / 2016	
Governance and programme management (from the table section, not the council activities).	21,000
Integrated Planning	753,000
Science	530,000
Operations – rivers and drainage	6,799,000
Operations – other	261,000
TOTAL	8,364,000

6 Appendices

Appendix 1: Maritime Activity details

The Maritime Activity ensures navigation safety in navigable waterways, and maritime oil spill response in the Bay of Plenty Region.

The Bay of Plenty Harbour Limits include the Rangitāiki River mouth, and Lakes Aniwhaniwa and Matahina.

BOPRC is the statutory and regulatory harbour authority, with responsibility for navigation safety managed by our Harbour Masters. These responsibilities include, but are not limited to:

- Marine oil pollution response, mitigation and clean up at Tier II level
- Navigation Safety Bylaws.
- Pilotage, licensing and exemptions.
- Administration of the swing moorings.
- Administration of all the legislation governing use and behaviour on the regional waters. These are; the local bylaws, Maritime Transport Act 1994, Resource Management Act 1991 and the Local Government Amendment Act 1999.

This year's key projects:

- Complete Navigation Bylaw review. This is a region-wide project that includes rules and signage for Lakes.

Business as usual including (but not exclusive to):

- Patrols to ensure education is provided and the bylaw is enforced
- Navigation Aids are functioning
- The Bars in the area are monitored and the public is informed if the state of them changes, ie can they be crossed or not.
- Owners informed if state of river requires vessels to be moved
- Coordinating berthage
- Keeping boat ramps in service
- Monitor moorings and ensure they are kept in service

Long Term Plan KPI:

Percentage of time a 24/7 response for navigational incidents and maritime oil spills is in place – 99%.

Appendix 2: Rivers and Drainage Activity details

Rivers and Drainage Schemes Activity – BAU

This activity involves ownership, management and maintenance of the Rangitāiki-Tarawera Rivers Scheme and the Rangitāiki Drainage Scheme, and multiple minor pumping schemes. It provides flood protection, stop banks, flood pump stations, floodgates, drainage maintenance and erosion control structures and constructing flood ways.

Scheme operations and maintenance:

- Undertake maintenance, renewals and capital projects
- Provide river and stream management advisory services to landowners (region-wide)
- Undertake gravel management operations, including resource consent renewals and allocating extractions to commercial operators
- Undertake Asset Management Plan updates including annual revaluations.
- Manage activities associated with Floodway and Drainage Bylaws
- Provide flood warning and flood response activities to scheme stakeholders.
- Stop-bank condition assessments
- Asset management improvement plan
- Asset management strategy

Works outside schemes and other projects:

- Stream bank repairs
- Riparian plans

Long Term Plan KPI (region-wide):

90% of maintenance, flood repairs and renewals completed in accordance with the Rivers and Drainage Asset Management Plan and agreed work programmes.