



Rangitāiki-Tarawera Rivers Scheme Advisory Group

**13 September 2023
10:00am**

Mātaatua Room
Bay of Plenty Regional Council
5 Quay Street
Whakatane



Rangitāiki-Tarawera Rivers Scheme Advisory Group Meeting

Wednesday, 13 September 2023 at 10am

Agenda

- 1 Welcome**
- 2 Apologies**
- 3 Notes of previous meeting held 22 March 2023**
- 4 Matters arising from previous meeting**
- 5 Long Term Plan 2024-34 and Rivers and Drainage Asset Management Plan proposed changes**
- 6 Capital Works Programme Update**
- 7 Maintenance Works Programme Update**
- 8 Finance Report**
- 9 Rangitāiki River Forum and Tarawera Restoration Group meetings Update**
- 10 Gravel Management Update**
- 11 General business**
- 12 Public forum**
- 13 Meeting closure**

Rangitāiki-Tarawera Rivers Scheme Advisory Group

Meeting notes

Commencing: Wednesday, 22 March 2023, 10.00 am

Venue: Putauaki Room, EastBay REAP

Chairperson: Cr Toi Iti

Members: Leeann Waaka (Urban), Peter Askey (Rangitāiki Plains), Alan Law (Rangitāiki Plains), Linda Virbickas (Rangitāiki Plains), Shona Pedersen (Galatea/Waiohau), Heyden Johnston (Urban), Michael Van Tilburg (Whakatāne District Council), Cr Tu O'Brien (Whakatāne District Council), Cr Wilson James (Whakatāne District Council) Jane Waldon (Rangitāiki River Forum Secretariat)

BOPRC elected members: Cr Ken Shirley, Cr Malcolm Campbell

BOPRC staff: Chris Ingle (GM Integrated Catchments), Kirsty Brown (Rivers and Drainage Assets Manager), Dan Batten (Rivers and Drainage Operations Manager), Mark Townsend (Engineering Manager), Bruce Crabbe (Principal Advisor), Sharleen Augustus (Assets Management Coordinator), Niroy Sumeran (Engineering Team Leader), and Laura Boucher (Comms Partner).

Public: Joe Metcalfe (WDC Transport Planner) and Richard Faire (WDC Tourism Product Development Advisor), Scotty Muir.

Apologies: Karlo Keogh (acting Finance Support Team Lead), Andrew Pawson (Area Engineer).

1. Opening

Chair opened the meeting and followed with around-the-table introductions.

2. Previous Meeting Notes

2.1 Resolved:

That the Rangitāiki-Tarawera Rivers Scheme Advisory Group:

Confirms the notes from the previous meeting held 14 September 2022 are a true and correct record.

**Leeann Waaka/Michael Van Tilburg
CARRIED**

2.2 Matters Arising:

There were no matters arising.

3. Agenda items

3.1 Capital Works Programme Update

Presented by: Mark Townsend and Niroy Sumeran.
Agenda report taken as read.

Key Points:

- Construction works for the College Road floodwalls is underway.
- Reynolds Bend contract is currently out to tender, closing on 31 March.
- Lower Rangitāiki stopbank upgrade is also out to tender, closing mid-April.
- The installation of seven salinity piezometers at various locations in the lower Rangitāiki is proposed in April, to monitor and measure salinity over the next five years. Results will be reported back to the Advisory Group.
- Rangitāiki Floodway swing gates – tender price is \$800,000, higher than the estimate. Construction due to commence in April. During the floodway operation, the four sets of swing gates will swing closed, tying into the stopbanks and diverting floodway flows over McCracken and McLeans Roads.
- Rangitāiki Floodway spillway upgrade – seepage analysis and detailed design has revealed the lower fixed crest weir requires cut offs at either end and more extensive downstream paddock contouring. The radial gates also require cut offs for the gate bay plus increased downstream scour management. Risk mitigation associated with the project has significantly impacted the cost estimates. Impact on rates was shared based on the three options presented. Community meeting is planned for 15 April 2023 in Edgumbe, member support is requested. Members to contact Sharleen if interested in an additional meeting prior to the community session. It was noted that Council is seeking additional CIP government funding for the spillway.

Key Points - Members:

- Rangitāiki Floodway has been a significant community investment and the project needs to be completed which is beneficial for the whole district.

In Response to Questions:

- Increased salinity in the lower Rangitāiki is due to sea level rise.
- Swing gates are manually operated and are located below and above the road, on the left and right stopbank. Gates are swung across the road so road closure will occur during operation. Staff actively monitor flood events, and the gates will be closed prior to floodway activation.
- Lowering the fixed crest weir has been considered but would allow more water to flow down the floodway.
- Insurance benefits are not guaranteed upon completing the floodway.
- Flood protection schemes are designed for a certain flood event level. Cyclone Gabrielle was understood to be an overdesigned event in the impacted Hawkes Bay rivers.
- Climate change factors - the design flow downstream has been capped. Future considerations include better utilisation of the Matahina and Aniwhenua dams, plus water management higher in the catchment. The current works provide for 1%AEP levels of service and climate change to 2040.

Items for staff follow up:

- Provide feedback to those members unable to attend the Community meeting on 15 April.
- Provide initial salinity results and data at September 2023 meeting.

3.2 Maintenance Works Programme Update

Presented by: Dan Batten and Bruce Crabbe.
Agenda report taken as read.

Key Points:

- Exceptionally wet period extending from June 2022 through to late February 2023. Refer to data on page 15 of the agenda report.
- Key maintenance projects completed included rock replenishment at College Road, Reid's Central Canal, and the Tarawera River erosion repair at the golf course.
- Maritime have assisted to certify the new airboat. Majority of its use will be in the Eastern Bay.
- Staff movements - Anaru Freeman has been appointed as the new Works Coordinator for Rangitāiki-Tarawera.

In response to questions:

- Rock stockpile has shown efficiencies especially for larger maintenance works.
- Anaru Freeman is the new Works Coordinator for Rangitāiki-Tarawera

but will still be available for pump assistance until the new person has been appointed.

- We are still undertaking flood damage inspections and these details will be available at the September meeting.
- Animal pest control on and near stopbanks is ongoing.

Items for staff follow up:

- BOPRC Staff to contact Leeann regarding rabbit control assistance from the community in Edgecumbe.

3.3 Gravel Extraction Update

Presented by: Paula Chapman.

Agenda report taken as read.

Key Points:

- An Environmental Engineer recently inspected gravel areas on the Horomanga River and Kopuriki Stream.
- Ngāti Manawa are currently not supportive of gravel extraction from the Horomanga River. We are working with Ngāti Manawa as they want to be part of the decision-making process.
- Extraction at the Horomanga is encouraged. Currently there are no applications lodged, but we are expecting one from the Whakatāne District Council for the Galatea Bridge.

Key Points Members:

- Gravel building up at Rabbit Bridge, noting that a new island has formed which is significantly impacting the community and vital infrastructure.
- Members noted that the migration of silt has increased due to the Aniwhenua Dam.
- Southern Generation's resource consent for the Aniwhenua Dam expires in 2026. Members and public attendees are interested in how Council can ensure that the advisory group is informed and involved in the application process.
- Concern raised with the Matahina Dam consent process and the restricted outcomes regarding local concerns.

In Response to Questions:

- Conversations have been ongoing with Ngāti Manawa regarding their involvement with gravel extraction.
- Southern Generation's gravel extraction consent application for the Rabbit Bridge area was considered incomplete by the Consent team and returned for more information.
- Previously staff have made submissions to notified resource consent applications, on behalf of the River Scheme Advisory Group members.
- Suggestion was made that a meeting be organised between Southern Generation and the advisory group.

3.4 Cycleways on BOPRC Stopbanks in the Eastern Bay

Presented by: Joe Metcalfe and Richard Faire (WDC).

Key Points:

- Whakatane District Council has obtained Government funding for the cycleway construction.
- Funding relates to three cycleways which are situated largely on BOPRC managed stopbanks.
- BOPRC staff are supportive in principle, recognising the primary purpose of the stopbank is flood protection.
- Consultation is scheduled for the next three to four months.
- Cycleway construction is scheduled to commence pre-Christmas 2023.
- Flood Protection and Drainage Bylaws authorities will be required.

Key Points - Members:

- Whitebating sites on the awa will need to be considered.
- Consultation needs to commence immediately and to consider privacy issues and cycling through working farms with machinery etc.

3.5 Finance Report Update

Presented by: Kirsty Brown.

Key Points:

- Revenue and expenditure update for the 6 months ending 31 December 2023.
- Total operation revenue is \$39,000 lower than budget.
- Total operating expenditure of \$436,000 lower than budget.
- Total operating surplus of \$397,000.
- Total capital revenue is \$1.273 million higher due to final insurance pay out received for the April 2017 flood event.
- Total capital expenditure is \$4 million lower than budget.
- Total reserve funds available is \$3.8 million.
- Internal loans closing balance as of 31 December 2022 was \$39.4 million.
- Asset valuation as of 1 July 2022 \$139.4 million.

Discussion:

- Increase in asset value due to increased construction costs, new assets, and asset register data improvements.
- Capital expenditure is forecasted to be significantly below budget, as highlighted in the Capital programme report.
- Members raised concern with the level of the scheme loan. It was noted that loan repayments are spread out over a number of years due to the intergenerational nature and benefits of the works.

Items for staff follow up:

- Provide loan breakdown including whether fixed or floating, interest rates and loan term.
- Provide overview update of asset value increases over the recent year,

including Edgecumbe works and Rangitāiki Floodway.

3.6 Upcoming Long Term Plan, Rivers and Drainage Asset Management Plan and Infrastructure Strategy Review

Presented by: Kirsty Brown.
Agenda report taken as read.

Key Points:

- Three yearly reviews of Council's Long Term Plan, Rivers and Drainage Asset Management Plan and Infrastructure Strategy due to commence.
- Central theme will be for supporting communities to be more sustainable and resilient.
- Requires shift in thinking for ongoing and future flood and river erosion works to enable the river to behave more naturally.
- Sought feedback from members how they would like to contribute to proposed changes and budgets.

In Response to Questions:

- Staff are currently workshopping what "making room for the rivers" means for the Council, noting that each catchment, river, and river reach are different. We will have more information at the September meeting.

Items for staff follow up:

- Arrange a separate Long Term Plan and Rivers and Drainage Asset Management Plan workshop for August 2023.

3.7 Rangitāiki River Forum Update

Presented by: Kirsty Brown.
Agenda report taken as read.

Key Points:

- To facilitate better communication between the advisory group and the Rangitāiki River Forum.
- Summary of key topics from the Forum's meeting held on 2 September 2022.

Key Points - Members:

- It was noted that the advisory group have a good relationship with the Forum but the two groups should not be combined.

3.8 General Business

Presented by: Kirsty Brown, Mark Townsend and Laura Boucher

Agenda report taken as read.

Key Points:

- Expecting significant impact on the cost and availability of infrastructure insurance coverage following Auckland floods and Cyclone Gabrielle. This insurance covers the 40% local authority share of infrastructure restoration following a natural disaster.
- Careful monitoring and analysis of the insurance market and Council's asset risk is required. Members will be kept informed.
- Tabled an Open letter from the Eastern Bay advisory group members requesting Council commissions an extensive independent forest condition survey and pest animal inventory of Te Urewera and the adjoining Department of Conservation estate.
- Tabled item - newly formed co-governance partnership, Tarawera Awa Restoration Strategy Group, established under the Ngāti Rangitihī Treaty Settlement. Noted that reporting to facilitate communications between the two groups will commence.

Discussion:

- Central Government threshold for the 60% it contributes towards restoration following a natural disaster is based on capital value of the region and the amount of damage. The whole region's capital value is applicable even if the event is only in a localised area.
- Peter Askey - pest animal numbers have increased in the Te Urewera and the adjoining DoC estate. The open letter raises members concern that the poor condition of the upper catchment is contributing to flooding and silt build up in the lower catchment. High E.coli readings in the upper river was cited as evidence. Mass areas of Pampas was also noted as a concern. Staff recommended members work directly with the parties concerned e.g. Doc and TUT. Potential for this to be a project for a PHD student. Satellite survey of the area was discussed.

Items for staff follow up:

- Initial planning to undertake a high-level investigation to determine river scheme impacts of potential deterioration of Eastern Bay forests.

12.00 pm - Tu O'Brien and Wilson James left the meeting.

Public Forum

5.1 Renewal of Southern Generation's Aniwhenua Dam resource consent - Scotty Muir

- Highlighted the need for forward planning and investigation for the up-and-coming Aniwhenua Dam consent renewal, including investigations into gravel impacts and low flows.

- Van Voorthuysen's Consenting Process - Managing Multiple Roles report, highlighted recommendations including that the Consents team uses independent commissioners and officers.

Items for staff follow up:

- Look at the Dam consent renewal process and a work programme that may be needed to respond (action plan). Report back to the next meeting on the Aniwhenua Dam and consent renewal for 2026. Look at the previous consent to see what can be improved.

12.35 pm - the meeting closed.

CONFIRMED

Councillor Toi Iti
Meeting Chairperson, Rangitāiki-Tarawera
Rivers Scheme Advisory Group

Action Sheet

Rangitāiki-Tarawera Rivers Scheme

Advisory Group Meeting

22 March 2023

Action	Person Responsible	Completed	Comment
1. Members to contact Sharleen if interested in an additional meeting prior to the community session. It was noted that Council is seeking additional CIP funding for the spillway.	Sharleen Augustus	Yes	No request for additional meeting
2. Provide initial salinity results for the Lower Rangitāiki at 13 September 2023 meeting.	Mark Townsend	Underway	Initial results to be provided at September meeting if available.
3. BOPRC Staff to contact Leeann regarding rabbit control assistance from the community in Edgecumbe	Dan Batten	Yes	Health and safety restrictions.
4. Provide loan breakdown including whether fixed or floating, interest rates and loan term.	Kirsty Brown	Yes	Email to members 1 August 2023
5. Provide overview update of asset value increases over recent year, including Edgecumbe works and Rangitāiki Floodway.	Kirsty Brown	Yes	Email to members 1 August 2023
6. Initial planning to undertake a high-level investigation to determine river scheme impacts of potential deterioration of eastern bay forests.	Mark Townsend	Yes	Update to be provided at September 2023 meeting. Initial analysis of aerial photography did not reveal anything.
7. Report back to the next meeting on the Aniwhenua Dam and consent renewal for 2026.	Mark Townsend	Progressing	Update to be provided at September 2023 meeting.

MEMORANDUM



To: Rangitāiki-Tarawera Rivers Scheme
Advisory Group representatives

From: Hemi Barsdell
Assets Management Specialist

Date: 21 August 2023

File Ref: A4459940

Subject: Long Term Plan 2024-2034 and the Rivers and Drainage Assets Management Plan 2024-2074

The purpose of this memo is to provide information on the proposed draft budgets for the Long Term Plan 2024-2034 and the Rivers and Drainage Asset Management Plan 2024-2074. These budget figures are still in their initial stages and will be further refined following this meeting and will be presented at the March 2024 advisory group meeting.

Background

The Long Term Plan (LTP) is Council's key strategic document. It sets out Council's priorities for the next ten years, including what will be done, how much it will cost and how it will be funded.

The Rivers and Drainage Asset Management Plan (AMP) is a 50-year plan that provides information about the assets and how they are maintained and managed to provide levels of service. Information from the AMP feeds into the LTP.

Both plans are reviewed every three years alongside each other to make sure they are relevant and accurate.

Proposed Operations Expenditure

Operational expenditure is required for the day-to-day operation of the rivers and drainage schemes while maintaining the current levels of service.

Generally, projected operations budgets will continue to be comparative with previous years' budgets, but with annual increases proposed as follows:

- Asset defect remediation:
 - Rangitāiki Tarawera: \$70,000 contractor, \$20,000 materials.
 - Rangitāiki Drainage: \$21,000 contractor, \$6,000 materials.
- Flood Protection and Drainage Bylaws 2020 (education, pre-app advice, processing, compliance and monitoring):

- Rangitāiki Tarawera: \$107,000 contractor.
- Rangitāiki Drainage: \$26,000 contractor.
- Ecological offset or enhancement work:
 - Rangitāiki Tarawera riparian enhancement: \$10,000.
 - Rangitāiki Drainage drain enhancement: \$22,500 contractor, \$18,000 materials.
- Aniwanuiwa Dam consent renewal: Rangitāiki-Tarawera \$100,000 contractor.

Approved draft LTP 2024-2034 operations budgets are still in development and we will share detailed information at the upcoming meeting in March 2024. The following table however, gives an indication of some of the forecasted expenditure that is proposed in draft.

Rangitāiki-Tarawera Rivers Scheme				
NATURAL ACCOUNT	LTP 2021-2031 YEAR 1	LTP 2021-2031 YEAR 1 x CPI	DRAFT LTP 2024-2034 YEAR 1	PROPOSED INCREASE
2330 – Electricity/Gas	\$2,000	\$2,360	\$5,000	\$2,640
2500 – Contract Work	\$812,000	\$960,000	\$1,277,000	\$317,000
2700 – Materials	\$200,000	\$236,000	\$240,000	\$4,000
Total maintenance costs (excludes overheads, salaries, depreciation, flood damage reserve and loan interest)	\$1,014,000	\$1,198,360	\$1,522,000	\$323,640

Rangitāiki Drainage Scheme				
NATURAL ACCOUNT	LTP 2021-2031 YEAR 1	LTP 2021-2031 YEAR 1 x CPI	DRAFT LTP 2024-2034 YEAR 1	PROPOSED INCREASE
2500 – Contract Work	\$395,000	\$466,100	\$528,000	\$61,900
2700 – Materials	\$40,000	\$47,200	\$63,000	\$15,800
Total maintenance costs (excludes overheads, salaries, depreciation, flood damage reserve and loan interest)	\$435,000	\$513,300	\$591,000	\$77,700

Capital Expenditure

Capital expenditure is the creation or replacement of assets; or works which improve or upgrade existing assets to meet level of service requirements.

The following tables summarise the proposed capital expenditure for the Rangitāiki-Tarawera Rivers Scheme and the Rangitāiki Drainage Scheme for the period 2024-2074. Please note that detailed planning is conducted for the Long-Term Plan period 2024-2034 while costs become more indicative in the years beyond and are more subject to change.

Rangitāiki-Tarawera Rivers Scheme			
Year	Capital works	Type	How much
Year 1 (2024-2025)	Rangitaiki Floodway Spillway	New	\$1,710,000
	Tarawera Stopbanks Upgrade	Improvement	\$1,200,000
	Rangitaiki Stopbanks Upgrade	Improvement	\$1,000,000
	Fish passage enhancement	Improvement	\$30,000
	ORC Flood Gate Structure Replacement	Improvement	\$2,000,000
	TOTAL: \$5,940,000		
Year 2 (2025-2026)	Fish passage enhancement	Improvement	\$30,000
Year 3 (2026-2027)	Fish passage enhancement	Improvement	\$30,000
	Resource consent	New	\$34,000
TOTAL: \$64,000			
Year 4 (2027-2028)	Resource consent	New	\$68,000
Year 5 (2028-2029)	Resource consent	New	\$170,000
	Capacity review - survey and hydrology	Improvement	\$50,000
Total: \$220,000			
Year 6 (2029-2030)	Capacity review - modelling	Improvement	\$150,000
Year 7 (2030-2031)	Capacity review - modelling	Improvement	\$150,000
Year 8 (2031-2032)	Rangitaiki Stopbank Upgrade	Improvement	\$2,000,000
Year 9 (2032-2033)	Tarawera Stopbank Upgrade	Improvement	\$1,000,000
Year 10 (2033-2034)	No work planned	NA	NA
		TOTAL 2024-2034	\$9,622,000
Years 11-20 (2034-2044)	Capacity reviews/modelling and stopbank upgrades. Various replacements/renewals.	New, Replacements, Improvements	\$5,236,000

Rangitāiki-Tarawera Rivers Scheme			
Year	Capital works	Type	How much
Years 21-30 (2044-2054)	Capacity reviews/modelling and stopbank upgrades. Various replacements/renewals.	New, Replacements, Improvements	\$4,916,787
Years 31-40 (2054-2064)	Capacity reviews/modelling and stopbank upgrades. Various replacements/renewals.	New, Replacements, Improvements	\$5,601,250
Years 41-50 (2064-2074)	Capacity reviews/modelling and stopbank upgrades. Various replacements/renewals.	New, Replacements, Improvements	\$4,854,500

Rangitāiki Drainage Scheme			
Year	Capital works	Type	How much
Year 1 (2024-2025)	Structure renewals Fish passage enhancement	Replacement Improvement	\$200,000 \$30,000 Total: \$230,000
Year 2 (2025-2026)	Structure renewals Canal Stopbank Upgrades Fish passage enhancement	Replacement Improvement Improvement	\$200,000 \$1,000,000 \$30,000 Total: \$1,230,000
Year 3 (2026-2027)	Structure renewals Fish passage enhancement Resource consent	Replacement Improvement New	\$200,000 \$30,000 \$5,000 Total: \$235,000
Year 4 (2027-2028)	Structure renewals Resource consent	Replacement New	\$100,000 \$10,000
Year 5 (2028-2029)	Structure renewals Resource consent	Replacement New	\$100,000 \$20,000
Year 6 (2029-2030)	Structure renewals	Replacement	\$100,000
Year 7 (2030-2031)	Structure renewals	Replacement	\$100,000
Year 8 (2031-2032)	Structure renewals	Replacement	\$100,000
Year 9 (2032-2033)	Structure renewals	Replacement	\$100,000
Year 10 (2033-2034)	Structure renewals	Replacement	\$100,000

Rangitāiki Drainage Scheme			
Year	Capital works	Type	How much
	TOTAL 2024-2034		\$2,425,000
Years 11-20 (2034-2044)	Structures and canal stopbanks		\$2,000,000
Years 21-30 (2044-2054)	Structures and canal stopbanks		\$2,000,000
Years 31-40 (2054-2064)	Structures and canal stopbanks		\$2,000,000
Years 41-50 (2064-2074)	Structures, 109 culvert, and canal stopbanks		\$2,374,000

Potential Future Financial Impacts

Proposed changes to BOPRC's Regional Natural Resources Plan (RNRP) are being made to align with the National Policy Statement for Freshwater Management 2020. This alignment will include the incorporation of Te Mana o Te Wai as a central principle (for more information on Te Mana o Te Wai, please refer to the General Business Report, section 2). Consequently, there may be significant requirements imposed on schemes concerning the quality of drainage discharges and scheme maintenance.

The proposed changes to the RNRP are currently being discussed with communities across the Bay of Plenty region. These changes will be officially announced for public input in 2024. It's important to note that the outcome of this process could have substantial financial implications for scheme management.

Furthermore, indications from Aon, the BOPLASS insurance brokers, is to expect a significant increase in the cost of infrastructure insurance due to recent national and international weather events. For the 2024-25 financial year, Aon have tentatively advised to budget for a 30% increase on the current year's premium (Rangitāiki-Tarawera: \$370,000, Rangitāiki Drainage: \$56,000). The extent of this increase depends on global market conditions and insurers' risk tolerance and will be confirmed later in 2023.

Indicative timeline

- 13 September 2023 – Rangitāiki-Tarawera Rivers Scheme Advisory Group meeting.
- December 2023 – Council's adoption of draft LTP activity plans, asset management plans and budgets for audit.
- January 2024 – Audit NZ review.
- March 2024 – full public consultation.
- May/June 2024 – Council deliberations and adoption of Final LTP.
- 1 July 2024 – LTP becomes operational.

March 2024 Advisory Group meeting

A full and comprehensive budget with rating implications will be presented to the Advisory Group at the March 2024 meeting. Member feedback will influence Council deliberations prior to approval in June 2024.



Hemi Barsdell
Assets Management Specialist

Rangitāiki-Tarawera Rivers Scheme

Capital Works Programme 2023-2024

The following table outlines the Rangitāiki-Tarawera Rivers Scheme capital work programme for 2023-2024.

Budget figures are from the Annual Plan 2023-2024 and do not include approved carry forwards from the previous financial year.

Rangitāiki-Tarawera Rivers Scheme Capital Budget for 2023-2024 is \$5,733,000 this is exclusive of carry forward funding.

Project name and background	Budget Annual Plan 2023-2024	Update	Milestones 2023-2024
<p>Rangitāiki Floodway</p> <p>The Rangitāiki Floodway is designed to take pressure off the Rangitāiki River during flood events by diverting some of its flow. It is a multi-staged project that started in 2011.</p> <p>The swing gate work (part of Stage 6) is due for completion early in the financial year. Timeframes for the spillway work were extended due to the complexity involved in the modelling and design along with the technical review process required as part of resource consent approval. The spillway project is now scheduled for 2023-2024 with completion expected in early 2024-2025.</p> <p><i>Central Government Climate Resilience Funding has been approved for this project. The funding will contribute up to \$2,100,000 of the spillway physical works costs.</i></p> <p>For information and updates visit the Project Page or www.boprc.govt.nz/our-projects/rangitaiki-floodway-and-spillway</p>	<p>\$5,300,000</p> <p>Plus carry forward funding from 2022-23, Council to approve.</p>	<p>Stage 6 is substantially complete with just minor finishing work on the swing gates to be completed.</p> <p>Resource consent processing for the spillway is underway and is expected in September.</p> <p>Spillway materials purchased (sheet pile) and is on site. Procurement processes are underway with tenders called for both Civil and Mechanical works.</p>	<p>Swing Gates</p> <ul style="list-style-type: none"> • Construction complete September 2024. <p>Spillway</p> <ul style="list-style-type: none"> • Consent granted September 2023. • Tender processes August – October 2023. • Construction works commence November 2023.

Project name and background	Budget Annual Plan 2023-2024	Update	Milestones 2023-2024
<p>Rangitāiki Floodwalls</p> <p>Three priority sites were identified as part of this project.</p> <p>Greig Road and East Bank Road (Thornton) floodwalls completed.</p> <p>87-109 College Road is in progress with works completion expected September 2023.</p> <p>A seepage trench instalment and overlay works are planned at Reynolds bend early in the 2023-24 financial year once suitable engineering fill becomes available.</p>	<p>\$ nil</p> <p>Carry forward funding from 2022-23, Council to approve.</p>	<p>College Road floodwall works substantially complete with just minor finishing work on the wall to be done into early 2023-24.</p> <p>Reynolds Bend works underway.</p>	<ul style="list-style-type: none"> • College Road floodwall completion September 2023 • Reynolds Bend overlay work completed December 2023.
<p>Lower Rangitāiki Stopbank Upgrade (left bank)</p> <p>The Rangitāiki River Capacity Review identified that the stopbank on the left bank of the Rangitāiki River needs raising to achieve the 1% AEP design level.</p> <p>The upgrade involves stopbank raising and geotechnical seepage treatments on the left bank of the Rangitāiki River from the Thornton Road bridge to the residential properties before the boat ramp.</p> <p>Initially planned for 2020-2021, the project was deferred after the initial design phase when cost estimates were significantly more than the initial budget.</p> <p>With additional funding approved construction is scheduled in 2022-2023.</p>	<p>\$ nil</p> <p>Carry forward funding from 2022-23, Council to approve.</p>	<p>Cultural Impact Assessment and Archaeological Authority is in hand.</p> <p>Resource consent is expected in September 2023.</p> <p>The tender awarded for the physical works is pending and these will begin once consent is granted.</p>	<ul style="list-style-type: none"> • Tender Award August 2023. • Commence construction October 2023. • Project completion by 30 June 2024.

Project name and background	Budget Annual Plan 2023-2024	Update	Milestones 2023-2024
<p>Tarawera River Stopbank</p> <p>Various sections of the Tarawera River stopbanks from Braemar Rd to Thornton Rd requires upgrading to achieve the 1% AEP level of service.</p> <p>The focus for work this year is on completing the designs required for the left bank and commencing the construction of the required upgrading.</p> <p>The construction phase of this project will begin this year and go into 2024-2025.</p>	<p>\$397,000</p> <p>Plus carry forward funding from 2022-23, Council to approve.</p>	<p>All geotechnical reporting for the left bank is complete. This will inform consultation with relevant landowners and any consent process.</p> <p>Geotechnical investigations have been completed for the right bank. Reporting is underway.</p> <p>Construction works scheduled to begin in 2023-2024 and carry on through to 2024-2025.</p>	<p>Tarawera Left Bank</p> <ul style="list-style-type: none"> • Detailed design complete by December 2023 • Ongoing consultation with affected parties • Commence construction early 2024. <p>Tarawera Right Bank</p> <ul style="list-style-type: none"> • Detailed design underway by December 2023. • Ongoing consultation with affected parties • Commence construction early 2025.
<p>Rangitāiki Tarawera River Scheme Pump Electronics</p> <p>The project involves upgrading pump station electronics. The focus this year is the Old Rangitāiki Channel Pump Station which requires substantial upgrade work. The current budget provision will be insufficient to undertake the required work and upgrade costs will be offset by savings in maintenance.</p>	<p>\$36,000</p>	<p>Pump upgrade work proposal received and work to be scheduled.</p>	<p>Pump upgrades complete by 30 June 2024.</p>

Rangitāiki-Tarawera Rivers Scheme

Maintenance Programme 2023-2024

The purpose of this report is to provide an overview of the Rangitāiki-Tarawera Rivers Scheme maintenance work programme for 2023-2024

Maintenance work programme

Maintenance works comprise activities that ensure the drainage, pumping and river flood protection networks are operational and providing the agreed level of service. These activities are programmed through the Rivers and Drainage Asset Management Plan, taking into account asset lifecycles, and maintenance and inspection schedules. Maintenance programme budgets are set during the Long-Term Plan and Annual Plan processes.

Scheme maintenance work includes:

- Pump stations - operation, weed clearance, inspections, and maintenance.
- Culverts and floodgates - inspections and maintenance.
- Stopbanks - inspections, maintenance, repairs, pest control.
- River maintenance - pest plant control, vegetation maintenance, gravel beach shaping and overflow depressions, and habitat enhancement.
- Erosion control - rock refurbishment, edge planting, trenched willows, willow, and vegetation maintenance.
- Annual flood damage repairs and flood response activities.
- Repairs to defects identified through asset condition inspections and assessments.

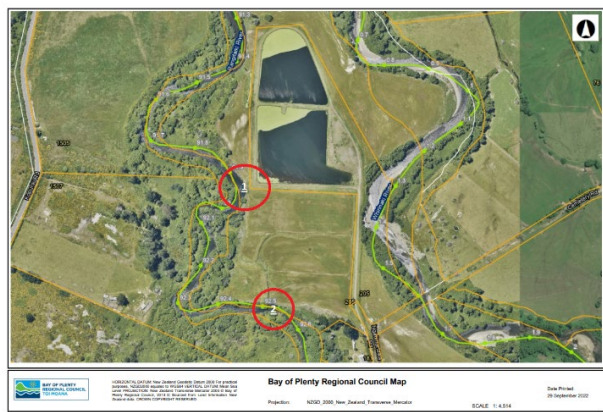
Key projects in 2023-2024:

- Rangitāiki River, College Road, (identified asset defect): Trees have been removed and the process of removing roots and reconstructing the stopbank will continue this earthmoving season.
- Reid's Central Canal rock replenishment: Stage 3 starting November 2023.
- Rabbit control on stopbanks has proven effective and monitoring and control will continue.
- ORC Pumpstation electronic upgrade to be completed late 2023 early 2024.
- Rangitāiki River, Eruera's tree removal from toe of stopbank (identified asset defect): Stage 1 completed. Stage 2 underway.
- Ongoing control of pest plants, including Alligator weed (*Alternanthera philoxeroides*).
- Scheme wide collaboration with iwi and hapū on work planned in their rohe.
- Native planting sites have been completed in conjunction with landowners and the community on the Horomanga riverbanks.
- Mechanical willow and vegetation management in the upper Rangitāiki and Whirinaki rivers to be carried out throughout summer 23/24.
- Rangitāiki River, Murupara wastewater treatment plant erosion repairs/ rock replenishment to take place this spring/ summer.

- The recently commissioned Air Boat (Kokohau Hoe) is being utilised on canals and both the Rangitāiki and Tarawera rivers for inspections and pest vegetation control.
- Full inspections of Tarawera/ Rangitāiki River were delayed due to high river levels. Both rivers have now been comprehensively inspected and the required repairs are being assessed.
- Implementing the objectives of the Rangitāiki River Forum, contained within their river document [Te Ara Whānui o Rangitāiki Pathways of the Rangitāiki](#). Specifically, objectives 1 and 2 relating to protecting tuna (including enhancement and restoration of their habitat and migration paths) and creating, protecting and enhancing habitats that support indigenous species; and objective 7 relating to respecting the naturalness of the river landscape. Work includes fish passage through structures, habitat enhancement and native plantings.



Rangitāiki stopbank asset defect repair



1. Murupara wastewater treatment plant erosion repair site

Maintenance programme budget 2023-2024

A budget summary table for the Rangitāiki-Tarawera Rivers Scheme maintenance programme is shown below. The annual budget figures include operational costs only and exclude non-operational costs (e.g. debt servicing and infrastructural asset insurance).

Rangitāiki-Tarawera Rivers Scheme Maintenance Works Programme Budget 2023-2024		
Rangitāiki River		Annual Budget
	General	\$19,200
	Lower Rangitāiki River (Mouth to Matahina)	\$468,900
	Upper Rangitāiki River and Tributaries	\$693,600
Tarawera River		
	Mouth to Kawerau	\$115,900
	Major canals, pump station and floodgates	\$63,800
Annual Flood Damage		
	Annual Flood Damage Repair Allowance	\$247,300
Rangitāiki-Tarawera Scheme Total		\$1,608,700

Bay of Plenty Regional Council - Toi Moana

Statement of revenue and expense: Rangitaiki-Tarawera Rivers Scheme

DRAFT

For the 12 months ending 30 June 2023

Year to date		Variance		Variance Comments	2023/24
Budget	Actual	\$	Variance indicator		Budget
\$000					\$000

1 Operating revenue by class

2	General rates	519	519	0	-		467
3	Targeted rates	4,746	4,746	0	-		5,123
4	External interest income	12	16	4	Higher		5
5	Operating grants and subsidies	0	7	7	Higher		0
6	Other revenue	96	3,946	3,850	Higher	Unrealised gains - found assets. This is an accounting entry and does not impact operating reserves	101
7	Fees and charges	13	0	(13)	Lower		14
8	Investment income	792	792	0	-		629
11	Total revenue	6,177	10,027	3,849	Higher		6,338

13 Operating expenditure by class

14	Administration expenses	4	20	16	Higher		4
15	Grants and subsidies	0	4	4	Higher		0
16	Other expenses	2,140	525	(1,615)	Lower	Predicted flood damage removed partially offset by additional cost for infrastructural insurance	576
17	Consultancy fees	0	32	32	Higher		0
18	Contract work	850	1,076	226	Higher	Additional work due to weather events	902
19	Depreciation and Amortisation	334	361	27	Higher		440
22	Subtotal - expenditure	3,327	2,018	(1,309)	Lower		1,922

30	Net overhead charges and recoveries	2,231	2,538	307	Higher	Additional internal interest costs for loans	2,791
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32	Total operating expenditure	5,558	4,556	(1,001)	Lower		4,713
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34	Total operating surplus (deficit)	620	5,470	4,851			1,625
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Bay of Plenty Regional Council - Toi Moana

Statement of revenue and expense: Rangitaiki-Tarawera Rivers Scheme

DRAFT

For the 12 months ending 30 June 2023

	Year to date		Variance		Variance Comments	2023/24
	Budget	Actual	\$	Variance indicator		Budget
	\$000					\$000
39						
40	Capital revenue by class					
41	Capital funding	406	3,494	3,088	Higher	Final settlement for 2017 flood event
42						
43	Total capital revenue	406	3,494	3,088	Higher	
44						
45	Total surplus (deficit)	1,026	8,964	7,938		
46						
47	Capital expenditure by project					
48						
49						
50	Rangitaiki Floodway	3,703	2,233	(1,470)	Lower	5,300
51	Rangitaiki Tarawera Capital Renewal	0	348	348	Higher	Unbudgeted work on the ORC structure
52	Rangitaiki Tarawera Flood Damage Repairs	350	0	(350)	Lower	
53	Rangitaiki Floodwalls	3,363	1,411	(1,952)	Lower	
54	Rangitaiki River (Stopbank upgrade)	2,859	135	(2,724)	Lower	
55	Rangitaiki Tarawera pump electronics					36
56	Tarawera stopbank upgrade	0	85	85	Higher	397
						Some culvert replacement work undertaken but remaining underspend to be carried forward to 2023/34
57	Tarawera stopbank construction	656	24	(632)	Lower	
58	Rangitaiki Tarawera unplanned capital	0	69	69	Higher	Annual flood damage repairs undertaken
59						
60	Total capital expenditure	10,932	4,305	(6,626)		5,733

Note: Reserve and loan information to be provided at 13 September 2023 meeting

MEMORANDUM



To: Rangitāiki-Tarawera Rivers Scheme
Advisory Group

From: Kirsty Brown
Rivers and Drainage Assets Manager

Date: 22 August 2023

File Ref:

Subject: Rangitāiki River Forum Update

To facilitate better communication flow between the advisory group and the Rangitāiki River Forum (RRF), following are topics of interest from the RRF meeting held 2 June 2023:

1. Presentations

- 1.1 **Department of Conservation - Whitebait Regulations update:** Hayden Loper (Principal Compliance Officer) and Pohaira Hughes-Iopata (Treaty Ranger, DOC) provided a presentation outlining amendments to the regulations to ensure sustainability of whitebait fisheries, noting population was in decline.
- 1.2 **Taupō District Plan changes - Bundle Two:** Hilary Samuel, Senior Policy Advisor from Taupō District Council provided information on the District Plan review and the decision to review priority areas of the plan as a result of the Resource Management Act reforms.
- 1.3 **North Island Wallaby Programme Update:** Davor Bejakovich - Wallaby Programme Lead, accompanied by Michelle Archer, Place Group Limited (Environmental Consultant) provided an update on the current eradication wallaby programme.

2. Rangitāiki Catchment Programme Dashboard

Staff presented the latest dashboard information for the March-May 2023 Rangitāiki Catchment Programme.

3. Essential Freshwater Policy Programme 2023 Update

Update on the policy programme relevant to the Rangitāiki River catchment. Included information on the public engagement launched in April, planning methodology development, and pending changes to national regulations.

4. Update on significant resource consents

A summary was provided on significant resource consents in the Rangitāiki River catchment. Further updates to be provided as requested.

To view the full Rangitāiki River Forum's 2 June 2023 meeting agenda, presentations and minutes, visit: <https://www.boprc.govt.nz/your-council/council-and-region/committees/rangitaiki-river-forum>

A handwritten signature in black ink, appearing to read 'Kirsty Brown'.

Kirsty Brown
Rivers and Drainage Assets Manager

MEMORANDUM



To: Rangitāiki-Tarawera River Scheme
Advisory Group

From: Mark Townsend
Engineering Manager

Date: 24 August 2023

File Ref: A4459258

Subject: Gravel extraction in the Rangitāiki-Tarawera Rivers Scheme

Gravel management in the Rangitāiki-Tarawera Rivers Scheme currently occurs in the Rangitāiki River upstream of Matahina Dam. No extraction is carried out in the reaches below Matahina, or in the Tarawera River.

1.0 Horomanga River – Gravel Extraction 2017-2023

Year	Quantity Allocated m ³	Quantity Extracted m ³
2017/18	12,500	0
2018/19	71,000	63,473
2019/20	45,000	23,774
2020/21	81,000	52,542
2021/22	20,000	19,629
2022/23	0	0
2023/24	0	0

Extraction is supported in sections of the Horomanga River. Based on recorded gravel extractions, and surveys, the calculated inflow of gravel since 2001 has averaged only 3,700 m³ per year. However, the riverbed is still severely perched over the four-kilometre reach above Galatea Road.

Ngāti Manawa are not currently supportive of gravel extraction and Timberlands Limited are not extracting from the Horomanga River for forestry roading. Their main supply is now Kopuriki Stream gravel.

Whakatāne District Council (WDC) plans to extract gravel from underneath the Galatea Road Bridge #73 have not been received. When this is available a combined approach can be made to Ngāti Manawa to seek support for the works.

2.0 Kopuriki Stream – Gravel Extraction 2019-2023

Year	Quantity Allocated m ³	Quantity Extracted m ³
2019/20	6,000	0
2020/21	22,000	5,444
2021/22	30,000	21,355
2022/23	23,000	14,182
2023/24	4,000	0

In 2020 gravel extractions were approved for the Kopuriki Stream. The Environmental Engineer notes that the Kopuriki streambed is extremely perched in places and should be dropped at least a metre in depth.

While no estimates of long-term supply have been made, significant resources now exist within the stream floodway. Any extraction should be focused on the lower reaches of the stream (i.e. cross-sections 1 to 4) and cross-sections 6 and 7, where bed levels are aggrading, and large volumes have been gained over recent years.

Benefits to the river system of the extraction include:

- Reducing the potential for flooding from a severely aggraded stream.
- Reducing the potential for the stream to avulse (jump out of its bed and change course).
- Improving the flood carrying capacity of the Galatea Road Bridge.

The extraction contractor has been granted land use consent from Whakatāne District Council to process gravel material on land adjacent to the stream. Gravel extraction in this location has the support of the Ngāti Haka Patuheuheu (hapū of Ngāi Tūhoe).

3.0 Jones Drywash, Mangamate and Ohutu Streams - Gravel Extraction

There is currently no extraction in the Mangamate and Ohutu streams and staff are comfortable with this. These two streams appear to be steep enough to transport significant quantities of gravel right through the system to the Horomanga River. Gravel continues to move down to the Jones Drywash area due to large upstream slips in heavy rain events. This dynamic situation needs to be closely monitored to avoid significant gravel build-up that may cause flooding or infrastructure damage.

4.0 Lake Aniwaniwa

In March 2022 a resource consent was lodged by Southern Generation Partnership Limited to remove gravel and debris from Lake Aniwaniwa. Further information was requested as part of the consent for effects on ecology, impacts on infrastructure, consultation, and affected parties. Southern Generation were advised of the reasons the application was considered incomplete and need to address the information gaps before lodging a new application.

Mark Townsend
Engineering Manager

MEMORANDUM



To: Rangitāiki-Tarawera Rivers Scheme
Advisory Group

From: Kirsty Brown
Rivers and Drainage Assets Manager

Date: 20 August 2023

File Ref:

Subject: General Business Update

1 Terms of Reference Review and Membership Renewal

As previously advised, a review of the TOR for the four river schemes advisory groups has been conducted, to ensure the continued appropriateness of the advisory groups and to support Long Term Plan strategic impact areas. The review also addressed concerns raised by advisory group members, including barriers to meeting attendance.

The 2023 TOR was adopted at the 9 August Council meeting and include the following key enhancements. A complete copy of the 2023 TOR can be found in attachment 1:

- **Guiding Principles**

Four guiding principles have been included to support and guide the role of the advisory groups in line with Council's strategic impact areas. These relate to:

- Adapting to our changing climate.
- Working effectively with Māori to deliver outcomes for the region.
- Community participation
- Sympathy with natural processes.

- **Reimbursement**

Members who need to travel or take time off work to attend meetings, may now request reimbursement for their time and travel costs. This clause aims to reduce barriers to attending meetings.

- **Membership**

Under the previous TOR, membership was restricted to a term of 3 + 3 years. A revision has been made to allow for longer membership terms for the purpose of retaining valuable knowledge and expertise. To be considered

for a further three-year term, existing members may re-apply under the public nomination process for re-selection.

As per the TOR, the second three-year term of ratepayer membership is set to conclude in October 2023. The Council selects ratepayer representatives through a public nomination process, which is scheduled to take place in November 2023. Current members who are interested in being considered for a third term will need to complete the public nomination process for re-selection.

2 Room for the River

During past advisory group meetings, it has been highlighted that we are entering a period of change for river management. This entails evolving principles and best practices, along with reforms and policy changes by the central government. One such policy is Te Mana o Te Wai which places the well-being and health of our rivers at the forefront of freshwater management. It also mandates specific requirements for collaborating with our iwi partners.

This shift in approach will particularly impact ongoing and future flood and erosion projects, both in rural and urban areas. The focus will be to enable river catchments to behave more naturally with less frequent interventions. This will change the way river works are managed in the future with a focus on adaptability, maximising natural river processes while working towards meeting flood protection levels of service. Potential future solutions might involve creating more space for the river and incorporating natural and nature-based flood risk management solutions.

The concept of 'Room for Rivers' is used globally to restore the natural flow path of rivers that have been confined to narrow corridors over time, due to natural or human activities. This approach has been informing part of Council's approach to river management for some time, as the historical effect of confining rivers is being exacerbated by climate change.

The Council has been trialling using the 'Room for Rivers' approach on a smaller scale, in some upper rural catchments within the Whakatane-Tauranga catchments. This approach is expected to play an increasingly pivotal role in future decision-making, especially regarding the direction of our Rivers and Drainage function.

Affordability is a key factor for both the Council and the community it serves, and it underpins the long-term implementation of the 'Room for Rivers' approach. For instance, investing in the maintenance or repair of a riverbank in a remote area might not be cost-effective if it provides minimal benefits in managing erosion risks due to the river's confinement.

In this context, it's important to note that 'Room for Rivers' is not a one-size-fits-all solution. It's just one of several approaches being considered as part of a comprehensive river catchment management strategy.

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Kirsty Brown

Rivers and Drainage Assets Manager

Rivers Scheme Advisory Group Terms of Reference 2023

For Kaituna Catchment Control Scheme, Waioeka-Otara Rivers Scheme, Whakatāne-Tauranga (formerly Waimana) Rivers Scheme, and Rangitāiki-Tarawera Rivers Scheme.

1.0 Purpose of the River Scheme Advisory Groups

- To connect regularly with those communities that benefit from and contribute to the work the Regional Council delivers to maintain and improve our river schemes.
- To enable discussion on the Regional Council's rivers and drainage work programmes and levels of service; and
- To discuss how we might adjust current practices, where necessary, to support sustainable river scheme management.

2.0 Guiding Principles

The following principles will guide the work of the Advisory Groups:

• Adapting to our changing climate

The Bay of Plenty's climate is changing, and these changes will continue for the foreseeable future. Adaptation is essential to ensure our River Schemes remain sustainable in the long term. The work of the Advisory Groups helps to manage the effects of a changing climate.

• Working effectively with Māori to deliver outcomes for the region

Implementing the principles of the Te Tiriti o Waitangi (Treaty of Waitangi) collaboration and partnership will guide the work of the Advisory Groups. The Council has an opportunity to work effectively with Māori by establishing appropriate Māori participation through Advisory Groups. Hearing Māori perspectives and the inclusion of cultural values (such as Mātauranga Māori) will ensure river management and flood protection solutions remain consistent with community expectations. Diversity within the River Advisory Groups is encouraged and supported as it reflects the diversity in our wider community.

• Community Participation

Members will assist with the sharing of scheme information to ratepayers and residents and promote opportunities for participation and collaboration.

- **Sympathy with Natural processes**

Evolving best practice in river engineering and management in New Zealand is being shaped by the “Making Room for the River” philosophy. This approach tends to a more natural and less engineered/confined river system, to improve overall river and ecological health.

3.0 Scope of activity

The role of the Advisory Group is as follows:

- To be a local contact on rivers and drainage issues.
- To share information to and from river scheme communities, stakeholders and tangata whenua.
- To act as a voice for the community to inform the planning and delivery of scheme works.
- Provide community views and input into key Rivers and Drainage management plans and strategies.
- Provide a feedback forum for Council on Rivers and Drainage proposals, projects and changes.
- To make recommendations on scheme management and operations including:
 - Capital and maintenance work
 - Proposed annual work programmes and budgets
 - Floodplain Management Strategies, and
 - Integrated and collaborative management opportunities.

4.0 Status

Local input and advice from Advisory Groups is essential for effective scheme management and is highly regarded by Council. While the Advisory Group has no statutory basis or delegated functions of Council it can make recommendations on Council matters.

5.0 Membership

The number and structure of members is intended to achieve a broad representation of the community covering the geographical extent of the Scheme, tangata whenua and various rating categories. The Council may appoint additional members to best meet the needs of the scheme. *(Each scheme-specific ToR will have its Membership Schedule inserted here from the Membership Schedule below).*

6.0 Appointment and term of service

The standard term of appointment is three years with a maximum term of six years, without needing to reapply for the second term. All members, apart from Regional Council elected members, wishing to be considered for a third term are required to complete the public nomination process for re-selection*.

Group membership consists of tangata whenua, territorial authorities, and targeted rate payers. Ratepayer representatives must be a targeted ratepayer in the Scheme to be eligible for nomination.

Ratepayer representatives are determined by the Council following a public or consultation process.

Council may appoint members representing special interests within the Scheme.

Members who are elected members are appointed for the local government triennium cycle however if re-elected will be reappointed where available for a further three-year term to ensure continuity.

An elected member of the Regional Council will be the Chairperson.

Members who are unable to complete their three-year term or misses more than three consecutive meetings without apology may be replaced by either Council or the authority they represented. Members may resign their position at any time, by written notice.

Interested parties and members of the public, who are not appointed to the group have the right to attend. They may participate if invited to by the Chair or during the public forum section of the meeting.

7.0 Meeting frequency and operation

There will generally be two meetings held per year in March and September called by the Chairperson or delegate.

Meeting agendas will be compiled by managers and staff who will also service the meeting.

Council will assist with personal expenses incurred in meeting attendance, in keeping with Council's Expenses and Allowances Policy. Claims in this regard are voluntary.

8.0 Conflict of interest

Members are required to bring to the attention of the Chairperson any conflict of interest or potential conflict they may have with any item on the agenda.

If a member is deemed to have a real or perceived conflict of interest in a matter that is being considered at a meeting, he/she will be excused from discussions and deliberations on the issue where a conflict of interest exists OR must not be present for consideration of that matter.

9.0 Confidentiality

During the course of the business of the Advisory Group, a member will, from time to time, be privy to confidential information. Any confidential information is protected and should not be disclosed until a resolution of the Advisory Group to release the information has been made.

10.0 Communication and reporting

The line of communication between Council and the Advisory Group will generally be through the Regional Council General Manager and the Advisory Group Chairperson.

Issues or recommendations arising from Advisory Group meetings will either be addressed by Scheme Managers or referred to the Council.

Information updates to Members will be circulated by email.

Information updates to scheme ratepayers will be made available via media releases, information posted on the Council web site and/or by email.

Rangitāiki Drainage Scheme [insert only in Rangitāiki-Tarawera and Whakatāne-Tauranga TORs]

The Rangitāiki Drainage Scheme that is managed by BOPRC has a significantly smaller operational area and annual budget than the four major river schemes. For efficiency reasons the significant matters of interest relating to the Rangitāiki Drainage Scheme will be discussed and considered through the Whakatāne-Tauranga and Rangitāiki-Tarawera Rivers Scheme Advisory Group meetings. Matters specifically relating to the Rangitāiki Drainage Scheme will be discussed with “Rangitāiki Plains” representatives of the Whakatāne-Tauranga and Rangitāiki-Tarawera Rivers Scheme Advisory Groups.

11.0 Terms of Reference review

The Council may review this Terms of Reference at any time if it considers circumstances or its community collaboration processes have changed. Prior consultation with the Advisory Group members will occur if a review is being considered.