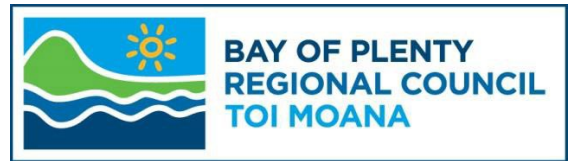




Kaituna Catchment Control Scheme Advisory Group

**Wednesday 12 March 2025
10 am**

Waiariki Room
Bay of Plenty Regional Council
1118 Fenton Street
Rotorua



Kaituna Catchment Control Scheme Advisory Group Meeting

Wednesday 12 March 2025 at 10am

Agenda

- 1 **Welcome**
- 2 **Apologies**
- 3 **Notes of previous meeting held 4 September 2024**
- 4 **Matters arising from previous meeting**
- 5 **Regional Infrastructure Fund rates impact**
- 6 **Capital Works Programme**
- 7 **Maintenance Works Programme**
- 8 **Finance Report**
- 9 **Essential Freshwater update**
- 10 **Te Maru o Kaituna River Authority update (verbal)**
- 11 **General business**
- 12 **Public forum**
- 13 **Meeting closure**

Kaituna Catchment Control Scheme Advisory Group

Meeting notes

Commencing:	Wednesday, 4 September 2024, 10am
Venue:	Waiariki Room, BOPRC Rotorua office, 1118 Fenton Street, Rotorua
Chairperson:	Councillor Ken Shirley
Members:	Heather Brake (Rotorua Urban), Roger Hintz (Lower Kaituna Basin), Barry Roderick (Lower Kaituna Basin), Dave Hurst (Lower Kaituna Basin), Graham Thompson (Lower Kaituna Basin), Richard Weld (Lower Kaituna Basin), John Scrimgeour (Deputy Mayor WBOPDC), Andy Wichers (WBOPDC Alternate)
BOPRC elected members:	Chairman Leeder, Councillor Nees, Councillor Winters, Councillor Thurston, and Councillor White.
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), Kerry Smith (Area Engineer), Jenn Goodfellow (Asset Management Coordinator), AJ Prinsloo (Finance Manager), Hasi Silva (Senior Management Accountant) Peter Hennessey (Communications Partner), Paula Chapman (Project Manager) and Kathy Thiel-Lardon (Environmental Engineer)
Public:	Cor Verway, John Meikle, Colin Armer
Apologies:	Jo'el Komene (Chair Te Maru o Kaituna River Authority) and Colin Bates (Rotorua Lakes Council staff)

1 Opening

Councillor Shirley opened the meeting. The following item was tabled:

- Draft Revenue and Expenditure report for the period ending 30 June 2024.

1.1 Items for General Business

- Kaituna River Road – drilling of holes in stopbank.

1.2 Apologies

Apologies were noted as above.

2 Previous Meeting Notes

Resolved:

That the Kaituna Catchment Control Scheme Advisory Group:

Confirms the notes from the previous meeting held 13 March 2024 are a true and correct record.

**Shirley/Brake
CARRIED**

3 Action Items from meeting 13 March 2024

Action items from the previous meeting were taken as read and then opened for discussion.

Discussion:

- Action Item 2: Out-of-scheme work upstream of State Highway 5, Ngongotahā was 75% funded by Central Government as part of the Shovel Ready Covid Recovery.
- General rule for development to allow for increased hard surfaces is that stormwater retention is based on a 100-year design event, where post-development run off should be 80% of pre-development levels, unless an approved stormwater model exists for the development and indicates something different.
- Clarification was provided regarding the flood prediction allowance included in the Finance Report, noting that it is a non-cash entry.

4 Agenda items

4.1 Long Term Plan 2024-34 and the Rivers and Drainage Asset Management Plan 2024-74 Update

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

Key Points:

- Main topic at the March 2024 meeting was the draft Long Term Plan (LTP) and Rivers and Drainage Asset Management Plan (AMP) budgets.
- Feedback from the March meeting led to further cuts in operational and contractor budgets.
- LTP and AMP was adopted by the Council on 26 June 2024.

- Agenda report provides an overview of capital and maintenance budgets but excludes recently confirmed central government funding.

Action Items:

- Circulate the capital expenditure split between the upper and lower Kaituna scheme as per the LTP.

4.2 Capital Works Programme Update

Presented by: Mark Townsend and Kathy Theil-Lardon. Agenda report taken as read.

Key Points:

Central Government Funding - Regional Infrastructure Fund (RIF)

- Before the Deluge 2.0 includes \$8.42 million for the Kaituna Catchment Control Scheme (60% grant) for three projects: Ford Road Pump Station, Kaituna Stopbank Upgrades and Te Puke Stormwater Upgrade (Seddon Street Pump Station).
- Funding will reduce the reliance on loan funding.

Central Government Funding - Cyclone Recovery Capability Fund

Further central government funding has been granted to accelerate recovery efforts following the 2023 North Island weather events. This funding supports the Ohineangaanga Stream restoration project and the geotechnical investigations for the Kaituna River stopbanks.

Pump Station Analysis

The Engineering Manager presented an analysis of pump station and rainfall information in the lower Kaituna drainage area during the period February 2022 to October 2023. The discharges from the pump stations are mainly pumped as gravity discharge has not been possible due to high Kaituna River levels.

Kaituna River Cross-Sections

Key Kaituna River cross section information was presented which showed level changes from 1992 to 2023. Discussion around the riverbed level adjusting following dredging of the bed to construct stopbanks. The next capacity assessment will use the 2023 cross-sections.

Kaituna Rivers and Canals Geotechnical investigations

The 2025/26 work programme includes stopbank upgrades in the canals identified from the capacity review, with funding from the RIF. The geotech investigation covered 15 sites from Maketu to just downstream of the railway bridge, identifying eight medium-risk sites and the rest as low risk. Further investigation is planned for the eight medium-risk sites.

Bell Road Catchment Modelling

New LiDAR data has been used in the updated Bell Road catchment modelling. This has removed several anomalies from previous Lidar results. Using the new Lidar now indicates that the Bell Road area largely meets its level of service, however, some low-lying areas that do not. With projected climate change and floodplain settlement these areas will increase in time.

Ohineangaanga Stream Remediation

The 2023 Anniversary Weekend storm event damaged the gas line, bridge abutments and the drop structures downstream of the Te Puke Highway Bridge. The drop structures are to be removed, and the channel reinforced with rock armouring due to high flow velocity and scour issues. Vegetation was not a viable option in this situation. The work has involved collaboration with First Gas, Western Bay of Plenty District Council and Kiwi Rail.

Ngongotahā Stream Mitigation

The desired outcomes from the mitigation options were to:

- Convey 1% AEP past the urban area
- Account for climate change.
- Adopt an adaptive approach
- Maintain environmental and recreational values.

The original work estimate has significantly increased, resulting in the need to investigate alternative options. Surveying is currently underway, and there has been communication with 155 households in the residential area for floor-level assessments.

Engineering Manager to present options, with costs, to the BOPRC Rotorua Councillors prior to sharing with the Ngongotahā Community Reference Group.

Ford Road Pump Station Replacement

Project Manager Kathy Theil-Lardon reminded the group of the project objectives and stages. An Archimedes Screw pump is recommended due to its total cost over the asset's life. A report will be presented to the Council meeting on 12 September 2024 to address the additional costs since 2021 (due to inflation and the pump change) and the funding granted through the RIF.

Discussion:

Pump Station Analysis

- It was noted that the graphs presented did not reflect saturation levels, which also impacts performance during rain events.
- High river levels over the past year have been impacting the efficiency of gravity drainage.

Kaituna River Cross-Sections

- A summer maintenance program focusing on de-silting activities will include the clearing of silt build up around floodgates.
- The RAD Operations team continues to monitor and clear log traps throughout the scheme.

Ngongotahā Stream Mitigation

- Community concerns regarding the time taken for flood mitigation efforts were acknowledged, with heightened anxiety stemming from past flood events.
- Council is actively progressing with mitigation works, and the area is under close observation during flood events.

Ford Road Pump Station

- Concerns were raised about future costs, ongoing delays, alternative solutions, and compliance with water quality plan changes.
- An Archimedes Screw pump was recommended as the most cost-effective long term solution.
- Clarification of targeted rate percentages for upper and lower catchments.

Action Items:

- Data requested for where river levels are at pump stations currently compared to the level in February 2022.

5 Maintenance Works Programme Update

Presented by: Kerry Smith. Agenda report taken as read.

Key Points:

- Kaituna River: Focus on maintenance near the confluence of Mangorewa River, addressing erosion.
- Kopuaroa Canal: Plan to replace culvert, headwall, and floodgate flap, with additional bank stabilisation and erosion protection.
- Kaituna River various sites: Addressing erosion by replacing trees with rock armouring as a less preferred but necessary solution.
- Bell Road C Pump Station: Work underway converting the pump station from diesel to electricity, retaining the diesel pump as a backup. Completion expected in the next few months.

Discussion:

- The drain from Bell Road C Pump Station has not been cleared annually as required.
- Discussion on the manpower and burden required to complete clearing the screens.

- The Rivers and Drainage Operations team will clean out the drains at the beginning and end of flood events, as this is more efficient and addresses the periods of the highest buildup.

Action Items:

- Follow up with the landowner to complete the clearing of the drain from Bell Road C Pump Station.
- Communications will be distributed regarding the removal of debris from the flood plains.

6 Essential Freshwater Update

Presented by: Nicola Green. Agenda report taken as read.

Key Points:

- The region faces significant freshwater management challenges, and the Council is actively working on solutions.
- A draft change to the Regional Natural Resources Plan will be released in November-December, along with a discussion document on reducing farming contaminants for feedback.
- The draft plan proposes a controlled discharge activity rule requiring consent for the scheme's pump discharges, with no public notification.
- A scheme management plan will be required as part of the consent application to show steps to reduce adverse effects.
- Estuaries in the scheme are very sensitive to changes in water flow and contamination from their surrounding areas.

Discussion:

- Council faces challenges in achieving environmental outcomes, with potential major changes to the RMA noted.
- Emphasis was placed on the duty of care to the environment, followed by discussions on potential methods to clean up waterways.
- Pump drainage discharge will change from a permitted activity to a controlled activity requiring consent. This will be non-notified but supported by the scheme management plan, which includes involvement and input from tangata whenua.
- Concerns were raised about distinguishing between drainage and flood discharge when testing water quality.
- Council will be responsible for obtaining the discharge consent on behalf of the scheme, under the Integrated Catchments Group.

Action Items:

- Provide reports on the contaminants from dairy studies.
- Provide information on the draft plan in November/December. A meeting to be scheduled to provide feedback.

- A farmer feedback plan will be put into place once the discussion document has been created.

7 Finance Report Update

Presented by: Kirsty Brown. Tabled item.

Key Points:

- Draft revenue and expenditure statement for the 12 months ending 30 June 2024. This remains a draft until adopted by the Council.
- External Interest Income was \$139,000 higher than budget due to higher interest rates.
- Other Expenses was \$239,000 higher than budget due to prolonged rainfall events.
- Total Operating results in a deficit of \$69,000.
- Capital Funding was \$1.6 million lower than budgeted due to the timing of Kanoa funding.
- Total capital expenditure is \$5.2 million lower than budget:
 - Kaituna Pump Replacements \$423,000 lower than budget due to design delays.
 - Ford Road Pump station is \$4.6 million lower than budget due to delays in pump selection and consequent detailed design. However, Stage One drain improvement and bridge works are well underway.
 - Ngongotaha Stream \$824,000 lower than budget due to delays in finalising an affordable design and landowner consultation.

8 Te Maru o Kaituna River Authority Update

Verbal update provided.

Key Points:

- Jo'el Komene has been appointed as the new chair of Te Maru o Kaituna River Authority

Discussion:

- An invitation to be involved in the River Scheme Sustainability Project was extended to the members. A reference group is being established.

Post meeting note: Richard Weld and Barry Roderick nominated.

Action Items:

- The Te Maru o Kaituna River Authority meeting minutes to be circulated.

11 General Business

Key Points:

- Kaituna Minor Rating Review is now in its second phase. Simon Harris from LWP Ltd has been re-engaged by the Council to continue the review.
- An internal review of the scheme's infrastructure insurance is underway, to investigate potential cost savings.
- Overview of recommended best practices for drain management. Ongoing work is focused on enhancing the drainage system.

Discussion:

- Questions were raised regarding how the recommended best practices for drain management have improved water quality in the drains.
- Members were asked for feedback on the advisory group meetings' effectiveness and value. There was general agreement that the meetings are a key platform for discussing issues. Members supported increasing landowner membership to represent various perspectives. Additionally, they raised concerns regarding the communications with scheme stakeholders about the advisory group meetings.
- Richard Weld queried the construction works underway near the Kaituna River Road area, specifically the digging of large holes near the stopbank. It was advised that this work should be covered by a Bylaws Authority, which includes conditions to ensure the integrity of the stopbank is not compromised. This matter will be investigated and reported back to members.

Action Items:

- Provide information on how the Council reports on advisory group meetings to scheme stakeholders.
- Circulate an update from the Bylaws team on the work currently being completed in the Kaituna River Road area, including excavating large holes.
- Circulate any information/reports of water quality improvements following implementing drain management best practice.

14:05 pm – the meeting closed.

Action Sheet

Kaituna Catchment Control Rivers Scheme Advisory Group Meeting

4 September 2024

Action	Person Responsible	Status	Comment
1. Circulated the capital expenditure split between upper and lower Kaituna catchment.	Kirsty Brown	Completed	An email was sent on 21 October 2024 detailing the capital expenditure split for Years 1 to 3, as well as the combined expenditure for Years 1 to 10.
2. Data requested for where river levels are at pump stations currently compared to the level in February 2022	Mark Townsend	Completed	An email with the requested data was sent to members on 22 November 2024.
3. Follow up with landowner to complete the clearing of the drain from Bell Road C Pump Station.	Dan Batten	Completed	Onsite meeting held with Graham Thompson 28 November 2024.
4. Communications will be distributed regarding the removal of debris from the flood plains.	Dan Batten	Underway	Update to be provided at meeting.
5. Provide reports on the contaminants from dairy studies.	Essential Freshwater Team	Completed	Water quality reports relating to dairy contamination were circulated 2 December 2024. These are also available on the BOPRC website.
6. Provide information on the draft plan in Nov/Dec – sub-group to be contacted when the draft is released. A meeting will be scheduled to provide feedback.	Essential Freshwater Team	Deferred	DEFERRED as advised via email dated 30 October 2024. Latest update to be provided at 12 March meeting.
7. Te Maru o Kaituna River Authority meeting update to be circulated.	Chris Ingle	Completed	Minutes for 15 November 2024 TMoK meeting circulated via email 29 January 2025

Action	Person Responsible	Status	Comment
8. Provide information on how the Council reports on advisory group meetings to scheme stakeholders	Pete Hennessey	Completed	Information on the various channels used to inform scheme stakeholders was sent to members 28 January 2025
9. Circulate an update from the Bylaws team on the work currently being completed in the Kaituna River Road area, including excavating large holes.	Kirsty Brown	Completed	Details of the Bylaws team breach investigation was sent to members on 08 January 2025
10. Circulate any information/reports of water quality improvements following implementing drain management best practice.	Kirsty Brown	Completed	Research reports on best practice drain management sent to members via email 6 December 2024



Report To: Kaituna Catchment Control Scheme Advisory Group

Meeting Date: 12 March 2025

Report Writer: Hemi Barsdell – Asset Management Specialist

Purpose: To provide information about projected targeted rating changes for the Kaituna Catchment Control Scheme (KCCS) resulting from grants approved through the Regional Infrastructure Fund (RIF).

Executive Summary

RIF funding will reduce the targeted rates required to fund the KCCS by reducing loan borrowing, loan repayments and interest. Targeted rates are still forecast to rise incrementally over the next ten years despite the receipt of RIF funding.

1. Introduction

In 2022, NZ River Managers made a case to Central Government for co-investment into flood protection schemes across New Zealand (Beyond the Deluge). That case was refreshed in 2023 and in August 2024 up to \$101.1 million was approved through the RIF to support 42 projects identified as construction ready.

As part of the August 2024 RIF announcement, funding of up to \$8.42 million was approved to part fund three Kaituna Catchment Control Scheme projects (Seddon Street pump station and Lawler Drain upgrades, Ford Road Pump Station build, and scheme stopbank upgrades). The funding agreement provides for the remainder of project costs to be co-funded by Toi Moana/BOPRC.

A grant funding agreement has been executed between the Ministry of Business, Innovation and Employment, Kanoa and Toi Moana with agreed milestones. The agreement has a term ending 30 June 2027.

2. Financial Implications

The projected rating reductions shown in Table 1.0 below incrementally increase over the first three years (2024/25 - 2026/27) as RIF funding will be received gradually as projects progress and milestones are achieved.

RIF funding will have an ongoing positive effect on targeted rating in years 2027/28 and beyond. This is due to reduced scheme capital loan borrowing and consequent reductions in loan repayments.

The projected targeted rating reductions assume that project expenditure will not change based on the current LTP 2024/34 plan and that funding will be received as

per the funding agreement. Any increase in project costs will need to be funded by BOPRC and will impact the projected rating reductions.

	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34
Projected targeted rates LTP 2024/34	\$3.8m	\$4.1m	\$4.4m	\$4.6m	\$4.7m	\$4.8m	5.0m	\$5.1m	\$5.2m	\$5.0m
Projected targeted rates with RIF grant	\$3.8m	\$3.9m	\$4.0m	\$4.1m	\$4.2m	\$4.3m	\$4.5m	\$4.6m	\$4.7m	4.5m
Percentage reduction	0%*	5%	9%	11%	11%	11%	10%	10%	10%	10%
*2024/25 targeted rate revenue will not reduce, however RIF funding in 2024/25 is forecast to contribute \$90,968 to the rates reserve. The actual transfer to the reserve will be dependent on the overall financial result for the scheme.										

Table 1.0 Projected targeted rate changes (reductions) compared to the Long Term Plan 2024/34.

The rating reduction percentages do not compound year on year, instead the forecast yearly percentage reduction shown is a comparison to the current plan in LTP 2024/34 for that respective year.

It is important to note that the overall projected trend is that targeted rates will increase incrementally over the next ten years (\$3.8m in 2024/25 and \$4.5m in 2033/34) despite the receipt of RIF funding.

3. Next Steps

Reporting at future group meetings will update members of scheme financial performance. This will include matters such as RIF funding received, actual expenditure and updated forecasts for expenditure and targeted rating.

Kaituna Catchment Control Scheme

Capital Works Programme 2024-25

The following table outlines the Kaituna Catchment Control Scheme capital work programme for 2024-25.

Budget figures are from the Long Term Plan 2024-2034 inclusive of approved carry forwards from the previous financial year.

Kaituna Catchment Control Scheme Capital Budget for 2024-25 is \$6,693,000.

Project name and background	LTP Budget 2024-25	Update	Milestones 2024-25
<p>Ford Road Pump Station Upgrade</p> <p>The upgrade involves additional pump capacity at the Diagonal Drain pump station located upstream of the Ford Road site and includes:</p> <ul style="list-style-type: none"> • A new pump station adjacent to Diagonal Drain pump station. • Widening 1600 metres of existing drains and upgrading culvert crossings. • Decommissioning of the existing gravity outlet and gates at Ford Road. 	<p>\$2,289,000</p>	<p>Consents and authorities have all been granted.</p> <p>Consultation with tangata whenua, DOC, F&G and directly affected landowners is ongoing.</p> <p>The project is being implemented in three main stages as follows:</p> <p>Stage 1 - Drainage Improvement works began in February 2024 and are substantially complete with some additional minor planting to be undertaken.</p> <p>Stage 2 - Construction of the new pump station works to be completed by June 2027. The Archimedes Screw pump order</p>	<ul style="list-style-type: none"> • Complete drainage and bridge work by December 2024. • Order pump by 30 December 2024 • Complete design and build tender for an approach to market for the pump station by 31 March 2025.

Project name and background	LTP Budget 2024-25	Update	Milestones 2024-25
		<p>was placed in December.</p> <p>Stage 3 - Decommissioning and removal of the existing Ford Road Pump Station - 2030/31</p>	
<p>Upper Kaituna Capacity Review Modelling</p> <p>This modelling is part of the Capacity Review of the Rotorua Streams (Upper Kaituna) - Waiteti Stream, Ngongotahā Stream, Waiowhero Stream, Utuhina Stream, Puarenga Stream, Waingaehe Stream.</p> <p>Hydrological modelling has been completed for the Utuhina, Ngongotahā, Puarenga streams.</p> <p>The focus for 2024-25 is on undertaking hydraulic modelling for the Waitetī and Waiowhero streams and finalising the modelling for the Waingaehe Stream.</p> <p>Upper Kaituna Design</p> <p>As a result of the Upper Kaituna Capacity Review Modelling any identified stopbank upgrades need investigation and design.</p> <p>Sections of the Puarenga Stream Stopbanks have been identified as needing upgrading.</p>	<p>\$156,000</p>	<p>Modelling of the Waingaehe Stream is being completed by Tonkin & Taylor and is nearing completion.</p> <p>Progress on the Waitetī and Waiowhero was rescheduled due to staff availability:</p> <ul style="list-style-type: none"> Hydraulic modelling of the Waitetī Stream is being undertaken inhouse by staff. The model is currently being set up. The Waiowhero Stream hydraulic modelling is to be undertaken by Jacobs. Model set up is nearing completion. <p>Concept designs have been undertaken for the Puarenga Stream and geotechnical investigations have been undertaken for the left bank.</p> <p>Half of the planned vegetation removal has been completed; this is on the upstream side of the right bank.</p> <p>Geotech investigations have been undertaken on the right bank and the results are currently being analysed.</p> <p>Concept designs for both banks are to be</p>	<ul style="list-style-type: none"> Hydraulic modelling of the Waitetī and Waiowhero streams completed June 2025 Geotechnical investigations complete by 31 Dec 2024. Detailed designs completed by 30 June 2025.

Project name and background	LTP Budget 2024-25	Update	Milestones 2024-25
		updated based on the Geotech results.	
<p>Lower Kaituna Modelling</p> <p>Hydrological modelling to check if changes that have occurred since the last hydrological modelling have been substantial enough to warrant a rerun of the hydraulic model.</p> <p>Hydrology to be undertaken mostly inhouse with an external review.</p>	\$236,000	<p>Progress on the hydrological modelling was rescheduled due to staff availability:</p> <ul style="list-style-type: none"> Brief confirmed and work was commenced in the last quarter of the 2023-24 financial year. 	<ul style="list-style-type: none"> Assessment of need for a rerun of the hydraulic model determined by end June 2025.
<p>Lower Kaituna Construction</p> <p>Completion of design and securing of any required consents for the upgrades for:</p> <p>Kaituna (10% AEP), Parawhenuamea, Waiari, Kopuaroa in 2025-26</p> <p>Ohineangaanga, Maketū Estuary and Raparapahoe. allowed for in 2026-27.</p>	\$33,000	<p>Preliminary designs undertaken for all sites.</p> <p>Geotechnical investigations undertaken for Waiari, Kopuaroa and Parawhenuamea.</p> <p>Investigations undertaken for identified seepage sites on the Lower Kaituna. Design completed and mitigation work to be undertaken in next 2 months.</p>	<ul style="list-style-type: none"> Investigations undertaken, detailed design completed, and consents lodged for 2025-26 sites – June 2025.
<p>Ohineangaanga Erosion</p> <p>Geotechnical and hydraulic investigations have been undertaken along with the development of options for erosion remediation, protection, and control. This work is as a consequence of the 2023 Auckland Anniversary weather event.</p> <p>The preferred solution is based on channel armouring, bank battering, planting, and grade control downstream of the Station Road Bridge.</p>	\$1,060,000 (Placeholder budget)	<p>Design documentation is to be finalised in March 2025.</p> <p>Resource Consent application has been submitted and all clarification questions answered.</p>	<ul style="list-style-type: none"> Detailed design work completed September 2024. Staged plan adopted – December 2024. Works to be tendered late 2025, with construction to

Project name and background	LTP Budget 2024-25	Update	Milestones 2024-25
			be completed 2025-26
<p>Bell Road Pump Station upgrade</p> <p>The Bell Road C pumpstation has had a full electronics upgrade to enable the conversion from diesel to electricity energy supply.</p> <p>NB: The station will still have the ability to be run on its diesel generator in the event of power outages.</p>	\$318,000	<p>All internal works are complete and are ready to be switched over to the new electricity supply.</p> <p>The remaining step is to install the new transformer at the station. Service easement and access approvals are underway.</p>	<ul style="list-style-type: none"> Transformer installed and pump station converted to electrical supply - June 2025.
<p>Ngongotahā Stream Flood Mitigation - Civil Works</p> <p>This project involves implementing the recommendations of the independent Ngongotahā Stream Review and includes:</p> <ul style="list-style-type: none"> Constructing a southern bypass channel. Constructing high flow bypasses on stream bends. New stopbank development (Brookdale, Streamdale). Raising Western/Brake Road. <p><i>Central Government Climate Resilience Funding has been approved for this project.</i></p>	\$2,160,000	<p>Analysis of design concepts has revealed many issues. Many iterations of the design concepts have needed to be made to try and achieve an economical solution.</p> <p>Further investigation and analysis have refined the options, and these will need to be considered by council and the community.</p>	<ul style="list-style-type: none"> Public consultation ongoing during 2025. Consents granted for floodway by March 2025.

Kaituna Catchment Control Scheme

Maintenance Programme 2024-25

The purpose of this report is to provide an overview of the Kaituna Catchment Control Scheme maintenance work programme for 2024-25.

Maintenance work programme

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

Scheme maintenance work includes:

- Drain maintenance - desilting, de-weeding, weed spraying, water quality improvements.
- Pump stations - operation, inspections, and maintenance.
- Culvert and floodgates - inspections and maintenance.
- Stopbanks - inspections, maintenance, repairs, pest control.
- River maintenance - pest plant control, beach shaping, habitat enhancement works.
- Erosion control - rock refurbishment, edge planting, trenched willows, willow maintenance.
- Annual flood damage repairs.
- Asset defect repairs.
- Scheme drain riparian improvements.

Key maintenance projects in 2024-25:

- Drainage maintenance and improvements including upgrading and modifying floodgates and outlet structures to improve flood conveyance, day to day gravity drainage and fish passage. 7 new steel framed HDPE flood gates are being fabricated and will be installed across the scheme.
- River erosion repairs and channel realignment works on the Waiari River have been completed.
- Lowland Drains riparian works in conjunction with Land Management staff implementing best practice drain shaping, fencing and riparian planting following Ministry for the Environment/Dairy NZ guidelines. Approximately 1.24 km of Lawler's Drain has been completed with stage two works (a further 500 meters) programmed for planting next winter.
- The trial of a floodgate tilt sensor is currently being conducted. The tilt sensor will allow staff to monitor the floodgate during weather events to ensure flood waters are not back flowing when pumping operations are taking place.

- De silting of the Ohineangaanga, Kopuaroa and Raparapahoe canals is underway and is expected to be completed before winter.
- Maketu foreshore stopbank repairs and rock armour replenishment work has been completed.
- Clearing of pest plants and clearing floodways along the Rotorua urban streams. Work on the Utuhina, Otamatea and Waiowhero streams is underway.
- Vegetation maintenance in the lower reaches of the Kaituna river is ongoing with large trees prone to falling into the river now removed.
- Vegetation management projects have been completed on the Puarenga and Mangakakahe stream banks.
- Asset defect repairs involving the removal of tree stumps and rebuilding the stopbanks on the Waingaehe floodway have been completed.



Utuhina stream rock erosion repairs



Maketu Foreshore stopbank armour

Kaituna Catchment Control Scheme Pumpstation Maintenance Update

- Mobile pumps and electric submersible pumps are available and can be installed at pump stations should the duty pump be out for maintenance for an extended period.
- All pump stations have been maintained to a high standard and pump inspections have been carried out as per the frequencies set out in the AMP.
- There have been no reported pumpstation outages in the past year.

Maintenance programme budget 2024-25

The budget summary table for the Kaituna Catchment Control 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).

Kaituna River Scheme: 2024-2025 Maintenance Works Programme Budget Summary		
Lower Kaituna:		
	General	\$70,000
	Annual Flood Damage Allowance	\$213,600
	River Reach 1	\$224,500
	River Reach 2	\$59,700
	Canals & Drains (Reach's 3 & 4)	\$385,000
	Pump Station Operations & Maintenance	\$309,800
	Total Lower Kaituna	\$1,262,600
Upper Kaituna:		
	General	\$81,800

	Annual Flood Damage Allowance	\$44,000
	Tributary Streams (Reach 4)	\$128,400
	Lake Level Control Structures (Reach 5)	\$91,900
	Total Upper Kaituna	\$346,100
Kaituna Scheme Total Budget		\$1,608,700

Bay of Plenty Regional Council - Toi Moana DRAFT

Statement of revenue and expense: Kaituna Catchment Rivers Scheme

Run: 28-Jan-2025

For the 6 months ending 31 December 2024

Year to date		Variance		Annual		Variance		Variance Comments
Budget	Actual	\$	Variance indicator	Budget	Forecast	\$	Variance indicator	
\$000				\$000				

Operating revenue by class

1	General rates	226	226	0	-	451	451	0	-	
2	Targeted rates	1,923	1,923	0	-	3,846	3,846	0	-	
3	External interest income	36	113	76	Higher	73	179	106	Higher	Additional reserve balance
4	Operating grants and subsidies	0	170	170	Higher	0	170	170	Higher	Funding received from central government RIF fund
5	Other revenue	17	9	(8)	Lower	34	26	(8)	Lower	
6	Fees and charges	0	0	0	-	0	0	0	-	
7	Investment income	261	261	0	-	522	522	0	-	
8	Total revenue	2,463	2,702	239	Higher	4,926	5,194	268	Higher	

Operating expenditure by class

9	Administration expenses	4	12	8	Higher	9	16	8	Higher	
10	Grants and subsidies	0	3	3	Higher	0	3	3	Higher	
11	Other expenses	310	294	(17)	Lower	601	550	(51)	Lower	
12	Consultancy fees	0	17	17	Higher	0	18	18	Higher	
13	Contract work	363	207	(155)	Lower	949	928	(22)	Lower	Work programme slightly behind schedule expecting to be close to budget at year end
14	Depreciation and Amortisation	451	451	0	-	902	902	0	-	
15	Subtotal - expenditure	1,128	984	(144)	Lower	2,460	2,417	(43)	Lower	
16	Net overhead charges and recoveries	1,057	919	(137)	Lower	2,114	1,889	(225)	Lower	
17	Total operating expenditure	2,185	1,904	(281)	Lower	4,574	4,306	(268)	Lower	
18	Total operating surplus (deficit)	278	798	520		352	888	536		

Bay of Plenty Regional Council - Toi Moana DRAFT

Statement of revenue and expense: Kaituna Catchment Rivers Scheme

Run: 28-Jan-2025

For the 6 months ending 31 December 2024

	Year to date		Variance		Annual		Variance		Variance Comments
	Budget	Actual	\$	Variance indicator	Budget	Forecast	\$	Variance indicator	
	\$000				\$000				
Capital revenue by class									
19 Capital funding	2,750	15	(2,735)	Lower	5,702	5,601	(101)	Lower	No claims for Ngongotahā civil works
20 Total capital revenue	2,750	15	(2,735)	Lower	5,702	5,601	(101)	Lower	
21 Total surplus (deficit)	3,028	813	(2,215)		6,054	6,490	436		
Capital expenditure by project									
22 Kaituna Pump Replacements	0	2	2	Higher	420	417	(3)	Lower	
23 Kaituna Flood Damage Repairs	0	43	43	Higher	0	43	43	Higher	
24 Ford Road Pump Station	707	704	(3)	Lower	2,289	2,614	325	Higher	Pumping equipment on order
25 Te Puke Stormwater project	0	46	46	Higher	0	57	57	Higher	
26 Ngongotaha Stream Civil Works	321	71	(250)	Lower	2,160	1,000	(1,160)	Lower	Delay to work probable carry forward
27 Upper Kaituna design	30	16	(14)	Lower	156	156	(0)	Lower	
28 Lower Kaituna modelling	59	0	(59)	Lower	236	236	0	-	
29 Lower Kaituna construcion	10	0	(10)	Lower	33	71	38	Higher	
30 Ohineanganga	327	242	(85)	Lower	1,060	1,401	341	Higher	
31 Bell Road upgrade	98	0	(98)	Lower	318	318	(0)	-	
32 Kaituna fish passage	6	0	(6)	Lower	21	21	0	-	
33 Total capital expenditure	1,560	1,125	(435)		6,693	6,333	(360)		

Bay of Plenty Regional Council - Toi Moana DRAFT

Statement of revenue and expense: Kaituna Catchment Rivers Scheme

Run: 28-Jan-2025

For the 6 months ending 31 December 2024

	Year to date		Variance		Annual		Variance		Variance Comments
	Budget	Actual	\$	Variance indicator	Budget	Forecast	\$	Variance indicator	
	\$000				\$000				

Reserves	Opening Balance 01/07/2024	Movement	Closing Balance 31/12/2024	
	\$000	\$000	\$000	

34 Kaituna Flood Damage	2,988	230	3,218	Funds available
35 Kaituna Asset Replacement	(794)	104	(690)	Overdrawn
36 Kaituna Works	(55)	441	385	Funds available
37 Kaituna NZTA	585	20	605	Funds available
38 Kaituna River Remediation	576	16	592	Funds available

39 Total Reserves	3,300	810	4,110	
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Internal Loans	Opening Balance 01/07/2024	Movement	Closing Balance 31/12/2024	
	\$000	\$000	\$000	

40 Loan Balances	14,106	82	14,188	
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Asset Value (Provisional being peer reviewed)	Opening Balance 01/07/2023	Movement	Closing Balance 30/06/2024	
	\$000	\$000	\$000	

41 Asset Values	92,911	2,304	95,215	
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Report To: Kaituna Catchment Control Scheme Advisory Group

Meeting Date: 12 March 2025

Report Writer: Gemma Moleta

Purpose: Draft freshwater plan change - update on Council decisions and programme

Essential Freshwater Update

1. Background

In September 2024, Council staff presented on a draft freshwater plan change to the Regional Natural Resources Plan (RNRP) to implement the National Policy Statement for Freshwater Management 2020 (NPSFM). At that time the draft plan change and a farming discussion document was to be released late 2024. In the September 2024 Kaituna Catchment Control Scheme Advisory Group meeting, staff highlighted draft changes would affect the management of discharges from the Kaituna Catchment Control Scheme and options were being considered to reduce diffuse losses from farming.

On 22 October 2024, Central Government announced an amendment to the RMA to prevent Regional Councils notifying proposed regional plan changes for freshwater until the National Policy Statement for Freshwater Management 2020 is replaced or 31 December 2025 (whichever is first).

Taking into consideration the Central Government announcement, the Strategy and Policy Committee agreed, at its meeting on 10 December 2024, to:

- Release a draft freshwater plan following the gazettal of the new NPSFM (indicatively August/September 2025); and
- Topic testing prior to the release of a draft plan change, including farming options to reduce contaminant losses.

An integrated package of national direction which includes amendments to 14 existing national direction instruments and another 7 new pieces of national direction is being developed as part of Phase 2 of the RMA reform programme. Ministers are receiving advice on the new and amended instruments in anticipation of statutory consultation in the first half of 2025. Details around the length of the formal public statutory consultation and submission process have not been decided.

Council will need to assess the impact of this package on its freshwater programme as part of making future decisions. It is also noted that local body elections will be held this year on Saturday, 11 October 2025.

2. **Next Steps**

- Staff will invite a Kaituna farming group to engage on farming options to reduce contaminant losses. It is anticipated the first meeting will be in March/April.
- Members of the Kaituna Catchment Control Scheme Advisory Group are invited to register their interest in engaging with staff on farming discussions through Sue Simpson, Planning Coordinator at sue.simpson@boprc.govt.nz



Report To: Kaituna Catchment Control Scheme Advisory Group
Meeting Date: 12 March 2025
Report Writer: Kirsty Brown, Rivers and Drainage Assets Manager

General Business

Executive Summary

The Annual Plan 2025/26 aligns with the Long Term Plan so a formal consultation process will not be held. Adoption is set for June 2025.

Rising infrastructure insurance costs are under review, with potential savings options to be discussed at the 12 March 2025 meeting, where members input will be sought.

Annual Plan 2025/26

There will be no formal consultation for the 2025/26 Annual Plan (1 July 2025 – 30 June 2026).

Every three years, the Regional Council develops a Long Term Plan (LTP) to set its strategic direction and funding for the next ten years. In the interim years, an Annual Plan is prepared outlining any adjustments.

Under the Local Government Act 2002, councils must consult on an Annual Plan only if significant (for example major policy changes) or material differences (for example substantive changes to funding) from what was outlined in the LTP. While some additional cost savings have been identified, the 2025/26 Annual Plan aligns with the current LTP, so consultation is not required.

The proposed Annual Plan will be adopted by late June 2025, with further details shared afterward. The Regional Council will keep the community informed through regular updates via its website, social media, and direct engagement.

Internal Review Findings – Infrastructure Insurance

In a natural disaster, Central Government covers up to 60% of essential infrastructure repairs if the local authority proves proper maintenance and can fund the remaining 40%.

The Regional Council's 40% share comes from flood damage reserves and commercial insurance, secured via the Bay of Plenty Local Authority Shared Services (BOPLASS) joint procurement forum on the London market.

Rivers and Drainage assets have a \$533M insured replacement value (2024/25). The increasing frequency of natural disasters, along with inflationary pressures continue to drive up insurance costs.

At the September 2024 Advisory Group meeting, members were informed of an internal review exploring potential ways to reduce infrastructure insurance premiums, with options including:

- Removing low-risk assets from the insurance schedule.
- Increasing the deductible.
- Removing high-risk but low-value assets.

The initial financial findings of the internal review will be presented at the meeting on 12 March 2025, where input will be sought from members.

