



# **Waioeka-Otara Advisory Group**

**Wednesday, 27 September 2023  
10:00am**

Ōpōtiki Golf Club  
14 Fromow Road  
Opotiki

# **Waioeka-Otara Rivers Scheme Advisory Group Meeting**

**Wednesday 27 September 2023 at 10am**

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## **Agenda**

- 1 **Welcome**
- 2 **Apologies**
- 3 **Notes and Matters arising from previous meeting held on 5 April 2023**
- 4 **Long Term Plan and Rivers and Drainage Asset Management Plan proposed budgets and changes**
- 5 **Capital Works Programme Update**
- 6 **Maintenance Works Programme Update**
- 7 **Finance Report**
- 8 **Gravel Management Update**
- 9 **General business**
- 10 **Public forum**
- 11 **Meeting closure**

# Waioeka-Otara Rivers Scheme Advisory Group

## Meeting notes

<b>Commencing:</b>	Wednesday, 5 April 2023, 10.00 am
<b>Venue:</b>	Ōpōtiki Golf Course, 14 Fromow Road, Opotiki
<b>Chairperson:</b>	Cr Toi Iti
<b>Members:</b>	Robbie Petersen (Urban), Barry Hennessy (Urban), Jessica Wiseman (Otara Catchment), Cr Dean Petersen (ODC Elected Rep), Cr Steve Nelson (ODC Elected Rep), Nathan Hughes (ODC staff rep), Kim Douglas (Ngāti Ira), Maude Maxwell (Ngāti Ngahere), Elected Member).
<b>BOPRC Elected Members:</b>	Cr Ken Shirley, Cr Malcolm Campbell, Chairman Doug Leeder
<b>BOPRC staff:</b>	Chris Ingle (GM Integrated Catchments), Kirsty Brown (Rivers and Drainage Assets Manager), Mark Townsend (Engineering Manager), Bruce Crabbe (Principal Advisor), Tony Dunlop (Area Engineer), Paula Chapman (Project Manager), Sharleen Augustus (Assets Management Coordinator), Laura Boucher (Communications Partner) Loris Hastie (Management Accountant).
<b>Public:</b>	Barry Howe
<b>Apologies:</b>	Karlo Keogh (Finance Support Team Lead), Dave Wilson (Waioeka Catchment), Dan Batten (Rivers and Drainage Operations Manager)

### 1. Opening

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

### 2. Apologies

Apologies were noted as above.

### **3. Previous Meeting Notes**

#### **3.1 Resolved:**

**That the Waioeka-Otara Rivers Scheme Advisory Group:**

**Confirmed the notes of the meeting held 28 September 2022 are a true and correct record.**

**R Petersen/D Petersen  
CARRIED**

#### **3.2 Matters Arising:**

- No matters arising.

### **4. Agenda items**

#### **4.1 Capital Works Programme Update**

Presented by: Mark Townsend. Agenda report taken as read.

##### **Key Points:**

- Extremely wet conditions and Cyclone Gabrielle has delayed the capital works programme. In particular the additional geotechnical investigations required at 3 locations on the Waioeka and Otara stopbanks.
- For the Climate Change Resilience Waioeka Otara project currently working through identified options to determine what needs modelling.
- Once options have been analysed and modelling carried out (if required), an additional workshop will be held to short list the options. Engagement with the wider community will then commence.
- Working with agencies in developing evacuation mapping under various scenarios. Will then pass onto CDEM and ODC to lead public consultation on the protocols to ensure general public input.

##### **Key Points – Members:**

- Evacuation protocols – Marae committees need to be part of the discussion. Iwi and hapū should be involved at an early stage before going to the public for consultation.
- Increase in gravel bed levels and the importance of local knowledge about flooding and their impacts.
- It was noted that ODC is undertaking spatial planning, and the interface with capacity review findings and river sustainability options is crucial.

##### **In Response to Questions:**

- Sea level rise and stopbanks - Recent capacity review includes a 100 year sea level rise and climate change impacts for the Waioeka and Otara Rivers and Harbour entrance.

- If the amount of rainfall that occurred in Gisborne and Hawkes Bay, occurred here the stopbanks would have overtopped (as it was an over design event). The team needs to have more discussions with ODC about evacuation protocols in relation to this type of scenario.
- Evacuation protocols. The Flood Manager provides technical advice on the likely impacts for Ōpōtiki rivers, based on weather forecasting, modelling information and actual rainfall/river levels. ODC Civil Defence use this information to make decisions about evacuations.
- The steady level of gravel extraction has helped to keep the rivers stable. Gravel does move around and with regular river bed surveys Council is able to monitor any changes and recommend extraction in areas of build up.

Cr Ken Shirley arrived at 10.37am

**Items for staff follow up:**

- Contact Civil Defence and Emergency Management (Megan Edhouse) regarding involvement of marae in developing excavation protocols.
- Present gravel cross sections at the September meeting.

**4.2 Maintenance Works Programme Update**

Presented by: Bruce Crabbe and Tony Dunlop. Agenda report taken as read.

**Key Points:**

- Exceptionally wet period extending from June 2022 through to late February 2023. Refer to data shared on page 10 of agenda report.
- Programme highlights including working with DOC, Eastern Region Fish & Game, hapū and ODC.
- Planting native species in conjunction with willow and rock erosion protection.
- Enhancement of banded dotterel nesting sites through dearmouring gravel beds.
- Working with ODC on protecting the Otara East Bridge.
- Working well with hapū in the extraction of gravel on both rivers which has helped with river maintenance.
- Rock replenishment planned at Otara River Memorial Park. Flyers have been distributed to residents advising of the work programmed for April and May.
- Woodlands Road Outlet – rubbish dumping blocking the floodgate. ODC is looking into installing CCTV.
- At risk trees growing on or near the stopbank have been assessed. Plan is to trim the trees initially and come back to remove and rebuild the stopbank at a later stage. Includes trees near the floodwall at Ōpōtiki Wharf. These will be trimmed and roots investigated.
- Waioeka River, Whakatōhea and Riverloch 2022 flood damage sites to be repaired.

**Key Points - Members:**

- Thank you to BOPRC for all the work that is being done.

### **4.3 Gravel Extraction Update**

Presented by: Paula Chapman. Agenda report taken as read.

#### **Key Points:**

- The updated Natural Environmental Regional Monitoring Network (NERMN) report for River and Stream Channel Monitoring is now available on Council's website.
- Surveys are carried out regularly on 15 rivers and streams which helps with the understanding in relation to the movement of gravel in the river systems of the Bay of Plenty region.
- The quantity of gravel extraction considered sustainable for the Waioeka is 20,000m<sup>3</sup>.
- Data collected since 2007-2008 showed that the gravel supply rate is expected to average between 20,000 to 25,000m<sup>3</sup> for the Otara River.
- Gravel extraction is now at a healthy and sustainable level.

### **4.4 Upcoming Long Term Plan, Rivers and Drainage Asset Management Plan and Infrastructure Strategy Review & Presentation**

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

#### **Key Points:**

- Three yearly reviews of Council's Long Term Plan, Rivers and Drainage Asset Management Plan and Infrastructure Strategy are due to commence.
- Central theme will be supporting communities to be more resilient and our schemes to be more sustainable.
- Requires a shift in thinking for ongoing and future flood and river works to enable the river to behave more naturally.
- Sought feedback from members how they would like to contribute to the review process, either have a separate meeting or extend the meeting in September.

#### **Discussion:**

- As previously discussed, the delay in the optioneering process will affect other interfaces (ODC spatial planning) and how those should be managed, noting that the LTP is the best place to do this.
- Members agreed to set extra time aside at the next advisory group meeting in September.
- Noted that Freshwater Management Units (FMU's) engagement and other central government reform is occurring at the same time and is interrelated. Potential to include FMU's at September meeting.

#### **Items for staff follow up:**

- Staff (Nicola Green) to provide a Freshwater Management awareness update at the next meeting to be held on 27 September?

### **4.5 Finance Report Update**

Presented by: Kirsty Brown. Report taken as read.

**Key Points:**

- Revenue and expenditure update for the 6 months ending 31 December 2022.
- Total operating revenue is \$27,000 higher than budget due to gravel management fees.
- Total operation expenditure \$73,000 lower than budget.
- Total operating surplus of \$100,000.
- Total capital revenue \$445,000 higher due to final insurance pay out for the April 2017 flood event.
- Total capital expenditure was \$28,000 lower than budget.
- Total funds available in reserves as at 31 December 2022 was \$1,091M.
- Internal loans had a closing balance as of 31 December 2022 of \$4.1M.
- Asset valuation as of 1 July 2022 of \$56M.

**Discussion:**

- Scheme is funded 20% general rates and 80% targeted rates. The 20% contribution is a combination of general rates and investment income from Quayside Holdings (\$40M).
- It was noted that the Waioeka-Otara Rivers Scheme has the highest rates per capita when compared to other schemes. Councillors represent your region but councillors across the region need to understand other locations and their challenges.
- LTP – Revenue and financing policy are up for review in relation to rates.

## **4.6 General Business**

Presented by: Kirsty Brown and Laura Boucher. Agenda report taken as read.

**Key Points:**

- Expecting significant impact on the cost and availability of infrastructure insurance coverage following the Auckland floods and Cyclone Gabrielle.
- Careful monitoring and analysis of the insurance market and Council's asset risk is required. Members will be kept informed, and more information should be available at the September meeting.
- Open letter from 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.
- Report going to the next Monitoring and Operations Committee meeting around forest slash (industrial waste) and following consent conditions.
- Communications update – important to get the right information to the right people at the right time. Contact the Communications team at any time.

**Items for staff follow up:**

Initial survey of satellite imagery to be undertaken and reported back at September meeting.

### **Public Forum**

- Thank you to Tony Dunlop for the work he does in the area.
- Query regarding the requirement to undertake gravel surveys prior to extraction. Staff to follow up with Waiotahi Contractors.

**11.55am – the meeting closed.**

### **CONFIRMED**

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Councillor Toi Iti  
Meeting Chairperson, Otara-Waioeka Rivers  
Scheme Advisory Group



## Action Sheet

### Waioeka-Otara Rivers Scheme Advisory Group Meeting

5 April 2023

Action	Person Responsible	Completed	Comment
1. Contact Civil Defence and Emergency Management regarding involvement of marae in developing evacuation protocols.	Mark Townsend	Underway	CDEM advised. Meeting with ODC to share proposed evacuation maps.
2. Present historic river x-section information for discussion.	Mark Townsend	Progressing	Update to be provided at September 2023 meeting.
3. Look at inviting relevant staff member(s) to discuss Essential Freshwater Management changes at the September meeting.	Kirsty Brown	Progressing	Update to be provided at September 2023 meeting.
4. Undertake a high level investigation via satellite imagery to determine river scheme impacts of potential deterioration of eastern bay forests.	Mark Townsend	Progressing	Update to be provided at September 2023 meeting. Initial analysis of aerial photography did not reveal anything.

# MEMORANDUM

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**To:** Waioeka-Otara Rivers Scheme  
Advisory Group representatives

**From:** Hemi Barsdell  
**Assets Management Specialist**

**Date:** 11 September 2023

**File Ref:** A4474518

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

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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: \$58,000 contractor, \$14,000 materials.
- Flood Protection and Drainage Bylaws 2020 (education, pre-app advice, processing, compliance and monitoring): \$40,000 contractor.
- Ecological offset or enhancement work: \$5,000 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.

Waioeka-Otara 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	\$10,118	\$11,938	<b>\$11,938</b>	\$0
2500 – Contract Work	\$369,613	\$436,143	<b>\$538,154</b>	\$102,011
2700 – Materials	\$89,673	\$105,814	<b>\$115,623</b>	\$9,809
Total maintenance costs (excludes overheads, salaries, depreciation, flood damage reserve and loan interest)	\$469,404	\$553,895	<b>\$665,715</b>	\$111,820

## 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 Waioeka-Otara Rivers 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.

Waioeka-Otara Rivers Scheme			
Year	Capital works	Type	How much
Year 1 (2024-2025)	Waioeka stopbank construction	Improvement	\$1,660,000
	Fish passage enhancement	Improvement	\$30,000
Year 2 (2025-2026)	Fish passage enhancement	Improvement	\$30,000
Year 3 (2026-2027)	Fish passage enhancement	Improvement	\$30,000
	Resource consent	New	\$14,000

Waioeka-Otara Rivers Scheme			
Year 4 (2027-2028)	Resource consent	New	\$28,000
Year 5 (2028-2029)	Resource consent	New	\$70,000
	Capacity review - hydrology	Improvement	\$50,000
Year 6 (2029-2030)	Capacity review - modelling	Improvement	\$150,000
Year 7 (2030-2031)	Capacity review - modelling	Improvement	\$150,000
Year 8 (2031-2032)	Capacity review - design	Improvement	\$150,000
Year 9 (2032-2033)	Stopbank reconstruction	Improvement	\$2,000,000
Year 10 (2033-2034)	No work planned	NA	NA
	<b>TOTAL 2024-2034</b>		<b>\$4,362,000</b>
Years 11-20 (2034-2044)	Capacity reviews/modelling and stopbank upgrades. Various replacements/renewals.	New, Replacements, Improvements	\$3,823,000
Years 21-30 (2044-2054)	Capacity reviews/modelling and stopbank upgrades. Various replacements/renewals.	New, Replacements, Improvements	\$2,800,000
Years 31-40 (2054-2064)	Capacity reviews/modelling and stopbank upgrades. Various replacements/renewals.	New, Replacements, Improvements	\$2,873,000
Years 41-50 (2064-2074)	Capacity reviews/modelling and stopbank upgrades. Various replacements/renewals.	New, Replacements, Improvements	\$2,854,000

## 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. 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 and rate payers are encouraged to participate through consultation and submissions processes.

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 (\$168,000). The extent of this increase depends on global market conditions and insurers' risk tolerance and will be confirmed later in 2023.

## 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 requires greater collaboration 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 mainly to 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.

Council will be further trialling the 'Room for Rivers' approach in the upper Waioeka-Otara Rivers scheme area upstream of Ōpōtiki township. 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.

Currently staff are confirming draft decision support tools for erosion management interventions that include Room for the River guidelines. Previous mapping by Gary Williams to define river management corridors (previously shared with the advisory group) is also being reviewed currently, and both the decision support tools and revised management corridors will be presented at the March 2024 advisory group meeting. Council will also be undertaking targeted landowner consultation to seek feedback on this developing approach.

Room for the River will be reflected in revised levels of service in the Rivers and Drainage Asset Management Plan 2024-2074 which will be the subject of public consultation through the LTP 2024-2034 process.

### **Indicative LTP 2024-2034 timeline**

- 27 September 2023 – Waioeka-Otara 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 including public submissions.
- 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**

# Waioeka-Otara Catchment Control Scheme

## Capital Programme 2023-2024

The following table outlines the Waioeka-Otara Rivers Scheme capital programme for 2023-2024

Waioeka-Otara Rivers Scheme Capital Budget for 2023-2024 is \$368,000 exclusive of any possible carry forwards.

Project name and background	Budget Annual Plan 2023-2024	Update	Milestones 2023-2024
<b>Waioeka and Otara Stopbank Design</b> The Waioeka-Otara capacity review is complete and has identified that some sections of the flood protection system within the Waioeka-Otara scheme are not meeting the agreed level of service. Options to provide the agreed level of service, or possible alternatives, will be considered and analysed. <i>There is also budget in 2024-2025 for the construction phase</i>	<b>\$368,000</b>	Wet weather conditions delayed geotechnical investigations however this information is now on hand and will inform the options modelling.	<ul style="list-style-type: none"> <li>• Complete option analysis December 2023</li> <li>• Consultation with iwi, stakeholders, and the community on preferred options – ongoing through to March 2024</li> <li>• Options selection by June 2024.</li> </ul>

# Waioeka-Otara Rivers Scheme

## Maintenance Programme 2023-2024

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

### Maintenance work programme

Maintenance works comprise activities that ensure the drainage 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. Close collaboration with Hapū of the Waioeka and Otara Rivers regarding the maintenance works programme is ongoing. Maintenance programme budgets are set during the Long Term Plan and Annual Plan processes.

#### Scheme maintenance work includes:

- Duke Street pump station - operation, inspections, weed clearing 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 maintenance
- Annual flood damage repairs and flood response during heavy rain events
- Repairs to defects identified through asset condition inspections

### Programme highlights, 2023-2024

#### 1.1 Key projects in 2023-2024:

##### Annual flood damage repair sites identified:

- Rewa Hill, Otara River, right bank - trenched willows and willow pole planting (monitor)
- Otara River, Richard St Rock lining – reshape and strengthen
- Otara River, R Petersons - Opposite Bluegums - Repairs between Trench Willows
- Mill Stream berm reshaping at 2 sites

##### High priority defects identified through asset condition inspections:

- Moody Trust, Otara River right bank - disused effluent pond near toe of stopbank creating a seepage risk
- Ruby Trust, Otara River, right bank – Removal of trees from stop bank completed
- State Highway Bridge, Otara River – Remove large unhealthy trees from landward side of stopbank that may topple and damage the stopbank (pending on Arborist report)
- Ngāti Ngahere Trust, Otara River, left bank - remove trees growing in the stopbank completed



## 1.2 Maintenance

- Duke Street Pump Station - electronics refurbishment.(Capital Works)
- Memorial Park, Otara River, left bank – 120 lineal metres of rock replenishment (deferred from 2021- 2022)
- Vegetation planting various sites on Waioeka and Otara Rivers – Cabbage trees and back up willow planting
- Waioeka-Otara Drainage maintenance
- Waioeka and Otara rivers beach management – overflow depressions maintenance and identified beach de-armouring gravel extractions
- Otara River, Ngati Ngahere - willow and nut tree mulching completed
- Otara River Pest Control, Rutledge Property - Woolly Night Shade eradication/control
- Waioeka River, Waioeka Pa Site pampus eradication/control

### Maintenance programme budget 2023-2024

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

Waioeka-Otara Rivers Scheme Maintenance Works Programme Budget 2023-2024	
Annual Maintenance	\$524,000
Annual Flood Damage	\$197,800
TOTAL	\$721,800

# Bay of Plenty Regional Council - Toi Moana

## Statement of revenue and expense: Waioeka-Otara Rivers Scheme

**DRAFT**

For the 12 months ending 30 June 2023

Line

		Year to date		Variance			2023/24
		Budget	Actual	\$	Variance indicator	Variance Comments	Budget
		\$000					\$000
1 Operating revenue by class							
2	General rates	139	139	0	-		157
3	Targeted rates	1,401	1,401	0	-		1,512
4	External interest income	12	8	(5)	Lower		21
5	Other revenue	0	262	262	Higher	Unrealised gains - found assets. This is an accounting entry and does not impact operating reserves	
6	Investment income	212	212	0	-		211
7	Total revenue	1,764	2,022	258	Higher		1,901
8 Operating expenditure by class							
10	Admin and other expenses	249	210	(39)	Lower	Additional expenditure on materials which was offset by lower infrastructure insurance costs than budgeted	279
11	Contract work	379	231	(148)	Lower	Less work undertaken due to extreme weather events and restricted access to sites	402
12	Depreciation and Amortisation	148	443	295	Higher		172
13	Subtotal - expenditure	776	884	108	Higher		853
14	Net overhead charges and recoveries	625	667	43	Higher		705
15	Total operating expenditure	1,401	1,551	151	Higher		1,559
16	Total operating surplus (deficit)	363	471	107	Favourable		342

# Bay of Plenty Regional Council - Toi Moana

## Statement of revenue and expense: Waioeka-Otara Rivers Scheme

**DRAFT**

For the 12 months ending 30 June 2023

Line

Year to date		Variance			2023/24	
Budget	Actual	\$	Variance indicator	Variance Comments	Budget	
\$000					\$000	
17	Capital revenue by class					
18	Capital funding	0	445	445	Higher	Final settlement for April 2017 flood event
19	Total capital revenue	0	445	445	Higher	
20	Total surplus (deficit)	363	916	553	Favourable	342
21	Capital expenditure by project					
22	Waioeka Otara Flood Damage Repairs	0	70	70	Higher	
24	Gravel consent renewals	74	0	(74)	Lower	
25	Waioeka design	31	39	8	Higher	
26	Waioeka Otara Unplanned capital	0	13	13	Higher	
27	Waioeka Otara construction					368
28	Total capital expenditure	105	122	17		368

# Bay of Plenty Regional Council - Toi Moana

## Statement of revenue and expense: Waioeka-Otara Rivers Scheme

**DRAFT**

For the 12 months ending 30 June 2023

Line

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

Please note that the reserve information provided at the March 2023 meeting was incorrect and below are the confirmed and accurate numbers.

### 29 Reserves

Opening Balance 01/07/2022	Movement	Closing Balance 30/06/2023
\$000		
267	196	463
(309)	48	(261)
1,089	64	1,153
<b>1,047</b>	<b>307</b>	<b>1,355</b>

30 Flood Damage Reserve

31 Asset Replacement Reserve

32 Works Reserve

Funds available

Capital works were funded from this reserve instead of borrowing.

Funds available

### 33 Total Reserves

### 34 Loans

Opening Balance 01/07/2022	Movement	Closing Balance 30/06/2023
\$000		
4,797	(599)	4,198

35

### 36 Asset Valuation

Opening Balance 01/07/2021	Movement	Closing Balance 01/07/2022
\$000		

37

52,438 3,772 56,210

# MEETING REPORT



**To:** Waioeka-Otara Rivers Scheme Advisory Group – 27 September Meeting

**Author:** Mark Townsend, Engineering Manager

**Date:** 7 September 2023

**Subject:** Gravel Management Update

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## 1 General

### Natural Environmental Regional Monitoring Network Report 2011 to 2018

The updated Natural Environmental Regional Monitoring Network (NERMN) Report for River and Stream Channel Monitoring is available on Council's website. Cross section surveys are carried out regularly on 15 rivers and streams, with occasional additional surveys. This information helps develop an understanding of the movement of gravel in the river systems of the Bay of Plenty region.

### Extraction

Extractions are undertaken to support river management by de-armouring beaches, installing and maintaining overflow depressions. These allow water flows in elevated river conditions to loosen gravel and assist movement of gravel through the river system.

**Waioeka River** – the quantity considered sustainable in the Waioeka River is approximately 20,000 m<sup>3</sup> per annum within the floodplain reach. Additional to this are significant quantities in the Waioeka Gorge on high beaches which should be judiciously lowered and loosened to facilitate travel of gravel downstream to the farmland reach.

**Otara River** – analysis of data collected since 2007-2008 shows that the gravel supply rate is expected to average 20,000 to 25,000m<sup>3</sup> per year. Extraction rates have increased over the last two years, and this should be further increased and encouraged to keep the river at its desirable bed level. Following several years of low extraction quantities, extraction above the average supply rate is warranted to reduce flood risks. Although extraction rates have increased over the last 2 years an inspection on 16 March 2023 by the Environmental Engineer showed the river to be in very good shape with few erosion issues.

## 2 Consents

The Rivers and Drainage section currently holds resource consents to extract up to 50,000 cubic metres per annum of gravel for river management purposes from both the Waioeka (RC 61321) and Otara (RC 61322) rivers. Both consents expired in April 2019 and renewal consent applications have been lodged, meeting Section 124 Resource Management Act requirements. This provides for consent holders to continue to operate under expired consents while replacement applications are processed.

Staff had an initial meeting with the two opposing submitters. Their concern is about the extraction quantities proposed in the consent, and a perception that extraction is commercially driven. Since then, staff have been working with Ngāti Ira Hapū to understand and resolve concerns about extractions particularly on the Waioeka River.

The Waioeka consent has been redrafted with strengthened Kaitiaki conditions alongside a Memorandum of Understanding which will set out how Council and Ngāti Ira will fulfil the consent conditions and apply the consent. The draft documents have been supported at a recent Hapū meeting and can now be resubmitted to the Councils regulatory team.

The team continues to work with the Otara River hapū through the Otara River Mana Whenua Collective to ensure an improved understanding of Otara River gravel concerns.

### 3 Waioeka-Otara Rivers Scheme gravel extraction summary

**1 July 2020 – 30 June 2021**

River	Site	Quantity extracted (m <sup>3</sup> )
Otara River	Reach 4 left bank Riverlock Brooklyn Farms (river distance 12.9-13.1)	3,041
	Carters Upper Beach (river distance 13.2-13.6)	3,055
<b>Total</b>		<b>6,096</b>
Waioeka River	Beattie's Pit (river distance 6.3-6.8)	10,170
	Maxwell, left bank (river distance 10.2-10.7)	2,940
	Maxwell, left bank (river distance 10.2-10.7)	9,388
	Maxwell, left bank (river distance 10.1-10.8)	2,067
	Beattie's Pit LB (river distance 4.9 – 5.4)	1,000
<b>Total</b>		<b>25,565</b>

**1 July 2021 – 30 June 2022**

River	Site	Quantity extracted (m <sup>3</sup> )
Otara River	Rewa Hill Keller's Pit (river distance 14.1-14.6)	6,136
	Pakihi (river distance 19.6 – 19.9)	7,640
	Gows Road (river distance 7.1 – 7.2)	1,000
	Carters Top pit reach 4 (river distance 13.2-13.6)	3,050
	Carters Lower reach 4 (river distance 12.5-12.7)	1,937
	Blue Gum pit (river distance 17.2. to 17.7)	5,103
	Carters top (river distance 13.2 to 13.6)	565
	Carters Lower (river distance 12.5-12.7)	2,419
	Edwardson's (river distance 16.5-17)	2,829
<b>Total</b>		<b>30,679</b>
Waioeka River within the floodplain reach	Beatties Pit (river distance 6.3-6.8)	4,008
	Robbies Pit overflow (river distance 5.0 -5.4)	1,008
	Beatties Pit overflow (river distance 6.3-6.8)	1,392
	Beatties Pit (river distance 6.3 to 6.8)	3,036
	<b>Subtotal</b>	<b>9,444</b>

<b>Waioeka River outside of floodplain reach</b>	Hughes Pit (river distance 20.3–21.3)	3,500
	Hinerae site (river distance 13.7 to 13.9)	2,500
	Michaels Pit (river distance 22.2 to 22.4)	2,736
	Graham's Bridge left bank (N/A)	5,305
	<b>Subtotal</b>	<b>14,041</b>
<b>Total</b>		<b>23,485</b>

**1 July 2022 – 30 June 2023**

<b>River</b>	<b>Site</b>	<b>Quantity extracted (m<sup>3</sup>)</b>
<b>Otara River</b>	Rewa Hill Keller's Pit (river distance 14.1–14.5)	3,073
	Crosswells Overflow (19.6-19.9)	5,797
	Carters Lower Site Overflow depression (12.5 - 12.7)	482
	Blue Gum pit (17.5 -17.7)	7,245
	Tutaetoko Stream Outlet (18.2)	2,196
	Gloyne Reach 4 LB (16.2-16.5)	5,926
	Gows Road (7.1- 7.2)	1,000
	Ernest Pit (13.7-13.9)	520
	Carters Overflow Depression (13.2 – 13.6)	7,656
	Edwardson's (16.6 – 17.0)	5,085
	Rewa Hill (14.1-14.5)	6,006
<b>Total</b>		<b>44,986</b>
<b>Waioeka River within the floodplain reach</b>	Maxwells - Flood depression maintenance (10.3 -10.8)	5,100
	Maxwells pit (10.2-10.9)	4,065
<b>Waioeka River outside of floodplain reach</b>	Beattie's Pit (6.2-6.8)	3,009
	<b>Subtotal</b>	<b>12,174</b>
	Matahanea LB up stream (21-21.3)	2,237
	Swimming hole mouth of gorge (13.7 - 13.95)	1,000
	Hinerae site (13.7 - 13.9)	2,000
	Hughes Pit - right bank (20.3-21.3)	7,500
	Whakatōhea Farm Site (13.7 – 13.9)	4,114
	Graham's Bridge left bank (N/A)	5,130
	<b>Subtotal</b>	<b>21,981</b>
<b>Total</b>		<b>34,155</b>

**1 July 2023 – YTD**

River	Site	Quantity extracted (m <sup>3</sup> )
Otara River		0
<b>Total</b>		<b>0</b>
Waioeka River within the floodplain reach		0
Waioeka River outside of floodplain reach		0
<b>Total</b>		<b>0</b>



# MEMORANDUM



**To:** Waioeka-Otara Rivers Scheme  
Advisory Group

**From:** Kirsty Brown  
**Rivers and Drainage Assets Manager**

**Date:** 11 September 2023

**File Ref:**

**Subject: General Business Update**

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## **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.

A handwritten signature in black ink, appearing to read 'K. Brown', with a stylized initial 'K'.

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.