

Kāeo River - Whangaroa Catchment Working Group

Wednesday 4 February 2026 at 10:00 am - 11:30am

AGENDA

Kāeo River - Whangaroa Catchment Working Group Agenda

Meeting to be held in the Kaeo Fire Station
33 Leigh Street, Kaeo
on Wednesday 4 February 2026, commencing at 10:00 am - 11:30am

Please note: working parties and working groups carry NO formal decision-making delegations from council. The purpose of the working party/group is to carry out preparatory work and discussions prior to taking matters to the full council for formal consideration and decision-making. Working party/group meetings are open to the public to attend (unless there are specific grounds under LGOIMA for the public to be excluded).

MEMBERSHIP OF THE KĀEO RIVER - WHANGAROA CATCHMENT WORKING GROUP

Chairperson, Councillor Colin Kitchen

FNDC Councillor, Kelly Stratford	Whangaroa Ward farming representative, Michael Hayes	Te Runanga O Whaingaroa, Stephen Rush
Business and commercial interests representative, Bruce Mills	Ratepayer representative, Ngaere Manning	Area representative, John Richardson
Area representative Les Jackson	Area representative Nyze Manuel	Area representative Thomas Hawtin

RĪMITI (Item)	Page
1.0 NGĀ MAHI WHAKAPAI/HOUSEKEEPING	
2.0 NGĀ WHAKAPAHĀ/APOLOGIES	
3.0 REPORTS	
3.1 Record of Actions – 4 September 2025	3
3.2 Receipt of Action Sheet	10
3.3 Terms of Reference Confirmation	12
3.4 Presentation Slides - containing all agenda items	
Attachment 1 Presentation Slides	16
3.5 Budget	
3.6 Recent Heavy Rain Events	
3.7 Kaeo Stage 2 Update	
3.8 Tauranga Bay Business Case	
3.9 Omaunu Road Model	
3.10 Any other business	

TITLE: **Record of Actions – 4 September 2025**

From: Haylee Labelle, Personal Assistant Community Resilience

Authorised by Louisa Gritt, Group Manager - Community Resilience, on 12 January 2026
Group Manager/s:

Whakarāpopototanga / Executive summary

The purpose of this report is to present the Record of Actions of the last meeting (attached) held on 4 September 2025 for review by the meeting.

Attachments/Ngā tapirihanga

Attachment 1: 4 September 2025 [↓](#) 

Kāeo River - Whangaroa Catchment Working Group
4 September 2025

Kāeo River - Whangaroa Catchment Working Group Record of Actions

Meeting held in the Whangaroa Sport Fishing Club
573 Whangaroa Road, Whangaroa
on Thursday 4 September 2025, commencing at 10:30 am

Tuhinga/Present:

Chairperson - NRC Councillor, Marty Robinson
Ratepayer Representative, Ngaere Manning
Area Representative, John Richardson
Te Runanga O Whaingaroa, Stephen Rush
Area Representative, Nyze Manuel
Area Representative Thomas Hawtin
Area Representative, Les Jackson

I Tae Mai/In Attendance:

Full Meeting

NRC Rivers Manager, Joe Camuso
NRC Rivers Project Manager, Meg Tyler
FNDC Councillor, Kelly Stratford (online)
Raniera Kaio (online)
Cara Harrison – Digger Solutions
Mike Harrison – Digger Solutions
Maggie Rudolph
Owen Kingi
Eljon Fitzgerald
Rob Rush
NRC Councillor, Joe Carr
Phil Andrew
Manaki Hape
Jane Wright

The meeting commenced at 10.30am with karakia from Cara.

Ngā Mahi Whakapai/Housekeeping (Item 1.0)

Ngā Whakapahā/Apologies (Item 2.0)

Cr Court, Thomas Hawtin, Bruce Mills, Michael Hayes, Mooch Rudolph, Cr Craw, Cr Crawford, Tammy Wooster, Louisa Gritt, Sarah Gauden-Ing

Record of Actions – 6 March 2025 (Item 3.1)

Presented by: Cr Robinson

Agreed action points:

Kāeo River - Whangaroa Catchment Working Group
4 September 2025

- NIL

Receipt of Action Sheet (Item 3.2)

Presented by: Meg Tyler

A request was sent to the remaining roading team members at FNDC to attend future meetings. Following a recent structural change; attendance is pending, and the importance of their presence was reiterated by Cr Kelly Stratford and acknowledged by FNDC.

Discussed the ongoing work of the ecological assessment subgroup, noting that community members are encouraged to participate in design discussions. A recent community led environmental meeting provided valuable input now being incorporated into project planning.

A Gantt chart for Stage 2 is available and can be distributed via email to interested parties

Agreed action points:

- **NRC Rivers Project Manager to provide the Gantt chart for Stage 2 for sending with the meeting minutes**

Presentation Slides (Item 3.3)

Presented by: Meg Tyler and Joe Camuso

Budget

Presented a detailed review of the 2024-2025 budget, including income, expenditure, depreciation, and the impact of central government funding, addressing questions from participants regarding accounting practices and project funding sources.

- The budget review covered insurance, consultant fees, river clearance work, rate collection charges, depreciation, and labour costs, with explanations provided for each line item and clarification that the labour charges are high because time has been committed from NRC staff for helping in contractor management for works that is funded through the 'Better Off' central government fund management by TROW and FNDC. This time is charged back to Better Off funding.
- Questions were raised about the calculation and reporting of depreciation, NRC to clarify discrepancies with the finance team and ensure accurate reporting in future updates.
- Noted a \$15,000 deficit for the year, offset by depreciation adjustments, and confirmed a carried surplus of approximately \$350,000, ensuring ongoing project viability.
- Significant funding was secured from Crown Infrastructure Partners and the 'Better Off' fund (BOF), allowing the group to leverage additional work in the catchment without drawing solely on local rates.
- Provided an explanation of BOF - A financial support package provided to local authorities under the three waters infrastructure programme, enabling councils to invest in their local communities. FNDC was allocated \$600k which they manage in

Kāeo River - Whangaroa Catchment Working Group
4 September 2025

partnership with TROW and NRC administers the work/manages the projects for the BOF and once a certain amount has been paid, NRC invoices FNDC. This enabled us to leverage work in the catchment.

Stage 2 Update

Received a comprehensive update on Stage 2, including resource consent approvals, archaeological authority processes, land purchases, ecological and environmental management plans, and the status of construction tenders, with active discussion and questions from the group.

- Resource consents from both NRC and FNDC have been received, with conditions covering sediment control and environmental management; an archaeological authority is in place, and exploratory test pits are planned with archaeologists and cultural monitors present throughout construction. The resource consent for the construction can be sent to the working group; it provides NRC with conditions when carrying out work to ensure adverse effects have been considered and actions have been put in place to eliminate and minimise them.
- Two land parcels will be purchased for the project, and community input from previous ecological meetings has been incorporated into engineering designs, with further feedback sought from the working party.
- Tender documents for construction are being finalised with an internal review underway and will then be released via the governments electronic tendering system called GETS. This will be communicated to the working party when live. Once the tender for construction has been awarded, there will be a meeting before work commences. The land is being grazed until construction starts. The land will be sold after construction to recoup/offset the costs to the local ratepayer for the initial purchase of the land. The committee be able to make recommendations around the land sale.
- A cost-saving arrangement for rock supply from a local subdivision is expected to save approximately \$60,000. The only costs associated, will be the transport of the rocks. These will be carted in before construction starts to support the timing.
- An environmental management plan, including wetland enhancement and ongoing ecological monitoring, is being developed, and a planting plan for the project area will be discussed in a future dedicated meeting.
- The river and wetlands are intended to be fenced with the land sold after completion to make the \$ back to help pay down any debt incurred by the scheme.

Discussed the importance of transparent consultation with Māori and local stakeholders, the need for improved communication, and the inclusion of Treaty of Waitangi principles in project documentation.

- Community members raised concerns about the visibility of Treaty of Waitangi principles and Māori consultation in project documentation; the chair confirmed ongoing collaboration with hapū and iwi, and committed to providing supporting documentation and ensuring transparency.

Kāeo River - Whangaroa Catchment Working Group
4 September 2025

- Rivers team agreed to circulate all relevant process documentation to interested parties and acknowledged the need to address gaps in communication and ensure all stakeholders are kept informed.
- The group discussed mechanisms for community involvement, including the environmental forum and opportunities for local participation in ecological and archaeological activities. Suggested posting updated on the local Whangaroa Community Facebook page.

Ecological Impact Assessment

This is part of the resource consent requirements and was the basis for the community input meeting for what the working group could do to feed into these plans.

Outlined the ecological impact assessment, wetland enhancement plans, fish salvage protocols, and ongoing monitoring, responding to questions about archaeological oversight, species protection, and the integration of community and expert input.

Hapu, ecologists and fish experts are being used to support the work.

Community Session / Environmental Plans

- Three delineated wetland areas have been identified for restoration, with plans to fence off from stock, plant native species, and monitor ecological recovery, as required by resource consent conditions. There is opportunity to revert back to wetlands with ecosystem function.
- Archaeologists and cultural monitors will be present during all ground-disturbing activities, with protocols in place for accidental discovery of taonga, artefacts, and structure in project design to accommodate any significant finds. The Archaeological Authority is granted by Heritage NZ.
- The test pits will observe the different layers of soil and what might be found at the different levels. The indicative date is 26 September due to ground conditions needing to be drier (this is weather dependant). Test pits will be dug down to the water table, the same depth as the existing channel approx. 2m – the purpose of digging is to examine the ground material and its suitability to be used in construction of the deflection bank. Also, as an exploratory archaeological dig to see at what stages monitoring of excavation are most critical.
- NRC obtained the appropriate permits and will conduct fish salvage operations with local representatives, relocating species prior to construction and recording data on fish populations, with protocols reviewed and approved by the Ministry for Primary Industries.
- The project includes a two-year post-construction ecological monitoring programme, with regular reporting and opportunities for community involvement in data collection and review.
- Feedback sought from the community on the planting plan – there may be a separate meeting called to discuss this matter. The planting plan doesn't need to be done this season; it can be staged. It's more of a longer-term plan. The deflection bank is compacted earth, and roots can create water pathways which could

Kāeo River - Whangaroa Catchment Working Group
4 September 2025

destabilise the structure, so there is a restriction on planting around the deflection bank.

Any other business

The chair clarified the governance structure, meeting frequency, and opportunities for ongoing community engagement, noting upcoming changes in leadership and the importance of maintaining transparent communication channels. The working group typically meets twice a year, with additional meetings for specific topics; updates are distributed via email, and participants are encouraged to join the mailing list for future notifications. Cr Robinson announced his departure as chair, with new candidates present, and confirmed that work will continue under new leadership after the next council term. It is important that working party delegates are informing their local people on the updates provided at these meetings and note that these meetings are open for the public to attend. Mention was also made of the 4 Square notice board for informing the community (as well as Whangaroa Whispers).

Agreed action points:

- **NRC Rivers Manager to clarify with the finance team why the depreciation figure for infrastructure assets is not aligning with expectations and ensure the correct number is reflected in the accounts.**
- **NRC Rivers Project Manager to provide NRC Secretariat the received resource consent documents and associated conditions to be emailed with the minutes to all interested parties.**
- **NRC Rivers Project Manager to send an email to the working group with a plan suggesting 26th September as the date for the archaeological test pits, and request alternative suggestions if necessary, noting the date is weather dependent.**
- **NRC Rivers Project Manager to share details of the archaeological monitoring protocol, including the accidental discovery protocol and involvement of hapū and Heritage New Zealand, with interested parties.**
- **Explore and establish additional communication platforms (e.g., social media, local noticeboards) for project updates and inform the group how to access these updates.**
- **Working party members to be informed by email when the tender is live on GETS**
- **Interested individuals to put their names forward to be involved in the community environmental forum to ensure they are added to the communication list.**
- **NRC Rivers Manager to provide supporting information and documentation to interested parties detailing the consultation process, engagement with hapū, and transparency measures undertaken throughout the project.**
- **Feedback requested from the committee on the proposed environmental and recreational additions to the project design, attendees encouraged to reach out to the Rivers Project Manager if interested in contributing.**

Sediment discussion (Item 3.4)

Presented by: Cr Robinson

Kāeo River - Whangaroa Catchment Working Group
4 September 2025

Discussed the broader catchment management strategy, including sedimentation risks, the impact of upstream land use, and the limitations of flood infrastructure as a short-term solution, with reference to past and ongoing modelling and resilience planning.

- Concerns about sedimentation from upstream forestry and land use were addressed, with explanations of current NRC Hill Country Erosion Fund and the need for coordinated action among all land users in the catchment.
- Provisions have been made for rock-run –of- quarry in the bed to help stabilise the bed and grade control to control scour. The work is very similar to what was done in Kaitaia for JNL spillway.
- The group acknowledged that flood infrastructure provides short-term protection while longer-term catchment restoration is pursued, and that ongoing community engagement is necessary to adapt to changing conditions and improve resilience.
- Extensive flood modelling, including scenarios for 10, 50, and 100-year events plus climate change, has been conducted and peer-reviewed, informing the design and expected performance of the new infrastructure.

Agreed action points:

- NIL

Whakamutunga (Conclusion)

The meeting concluded at 12.40pm with karakia by Cara

TITLE: **Receipt of Action Sheet**

From: Haylee Labelle, Personal Assistant Community Resilience

Authorised by Louisa Gritt, Group Manager - Community Resilience, on 12 January 2026
Group Manager/s:

Whakarāpopototanga / Executive summary

The purpose of this report is to enable the meeting to receive the current action sheet.

Nga mahi tutohutia / Recommendation

That the action sheet be received.

Attachments/Ngā tapirihanga

Attachment 1: Action Sheet [↓](#) 

Kaeo River Working Group - Action Tracker

Meeting date	Item	KRWG action	Staff	Status	Notes
6/03/2025	Receipt of Action Sheet (3.2)	Make a request to FNDC Elizabeth Stacey to arrange someone from FNDC to attend these meetings going forwards	NRC Rivers Project Manager	Completed	8/9/25 Margriet Veenstra (Manager - Property Information & Business Compliance) provdied NRC with the email address for Chris De Beer who will represent FNDC Roding Team at these meetings. Have added him to the mailing list and contact group 29/8/25 Rivers PM has contacted FNDC roading team, please note that the FNDC roading team is going through significant structural changes at the moment. Now waiting to hear back from FNDC
6/03/2025	Budget (3.4)	Revisit depreciation that is not showing in the budget for 23/24	NRC Rivers Manager / NRC Rivers Project Manager	Completed	11/8/25 NRC Rivers Manager emailed NRC Financial Planning Manager
6/03/2025	Stage 2 Kaeo Update (3.5)	Inform NRC Project Manager of any desire to be part of a subgroup for the ecological assesment work	Working Group	Completed	4/9/25 Raised at the September meeting that any of the working party can contribute to the subgroups 29/8/25 still open for the public to contribute to the environmental plans
6/03/2025	Stage 2 Kaeo Update (3.5)	Provide Gantt chart for Kaeo Stage 2 works to FNDC	NRC Rivers Project Manager	Closed	anyone interested in the Gantt Chart please message the Rivers PM
4/09/2025	Receipt of Action Sheet (3.2)	NRC Rivers Project Manager to provide the Gannt chart for Stage 2 for sending with the meeting minutes	NRC Rivers Project Manager	Closed	(Action from 6/3/25 meeting.) We don't have a gantt chart at this stage, this will come with the construction tender and can be sent to the committee when the contractor has supplied it. The gantt chart is to show the timeline of construction, if the committee has questions about the timing of the project they can reach out to Meg or Joe to discuss this
4/09/2025	Presentation Sides (3.3) Kaeo Stage 2 Update	Clarify with the finance team why the depreciation figure for infrastructure assets is not aligning with expectations and ensure the correct number is reflected in the accounts.	NRC Rivers Manager	Completed	Presented at the last Rivers meeting
4/09/2025	Presentation Sides (3.3) Kaeo Stage 2 Update	Provide NRC Secretariat the received resource consent documents and associated conditions to be emailed with the minutes to all interested parties.	NRC Rivers Project Manager	Completed	25/9/25 sent to working group via email
4/09/2025	Presentation Sides (3.3) Kaeo Stage 2 Update	Email the working group with a plan suggesting 26th September as the date for the archaeological test pits, and request alternative suggestions if necessary, noting the date is weather dependent.	NRC Rivers Project Manager	Completed	25/9/25 NRC Secretariat emailed the map of the test pits via email with the other documentation requested
4/09/2025	Presentation Sides (3.3) Kaeo Stage 2 Update	Share details of the archaeological monitoring protocol, including the accidental discovery protocol and involvement of hapū and Heritage New Zealand, with interested parties.	NRC Rivers Project Manager	Completed	25/9/25 sent to working group via email
4/09/2025	Presentation Sides (3.3) Kaeo Stage 2 Update	Explore and establish additional communication platforms (e.g. social media, local noticeboards) for project updates, and inform the group how to access these updates	NRC Rivers Project Manager	Completed	Project posters are being made and distributed to local Kaeo businesses regularly, library, museum, 4square, cafes. We need a volunteer who is able to post the updates on the Whangaroa Facebook Page.
4/09/2025	Presentation Sides (3.3) Kaeo Stage 2 Update	Working party members to be informed by email when the tender is live on GETS	NRC Rivers Manager / NRC Rivers Project Manager	Completed	26/9/25 NRC Secretariat emailed the link for the tender via GETS to the working group
4/09/2025	Presentation Sides (3.3) Kaeo Stage 2 Update	Interested individuals to put their names forward to be involved in the community environmental forum to ensure they are added to the communication list.	Working Group	Completed	Later in the construction season volunteers for some of the ecological work would be very helpful.
4/09/2025	Presentation Sides (3.3) Kaeo Stage 2 Update	Provide supporting information and documentation to interested parties detailing the consultation process, engagement with hapū, and transparency measures undertaken throughout the project.	NRC Rivers Manager	Completed	Information provided to the requestor
4/09/2025	Presentation Sides (3.3) Kaeo Stage 2 Update	Request feedback from the committee on the proposed environmental and recreational additions to the project design, and arrange a follow-up meeting if needed to discuss improvements.	NRC Rivers Project Manager	Completed	Discussed at last meeting, can be discussed again at the next meeting

TITLE: Terms of Reference Confirmation

From: Haylee Labelle, Personal Assistant Community Resilience

Authorised by Louisa Gritt, Group Manager - Community Resilience, on 14 January 2026
Group Manager/s:

Whakarāpopototanga / Executive summary

Reviewing Terms of Reference (ToR) for a new triennium (three years in local government) is a standard governance practice to ensure they align with current legislation, council priorities, and operational needs, occurring at the start of the new term to define roles, responsibilities, delegations, and reporting for committees and advisory groups, ensuring they remain fit for purpose and effective for the next cycle.

Ngā mahi tūtohutia / Recommended actions

1. To review and confirm the terms of reference for the Kaeo River – Whangaroa catchment Working Group at the meeting on 4 February 2026

Ngā tapirihanga / Attachments

Attachment 1: Terms of Reference [↓](#) 

KĀEO RIVER LIAISON WORKING GROUP

Terms of Reference 2025-2028

Reporting to:

The Northland Regional Council

Composition:

The Liaison Working Group is appointed by the Northland Regional Council and shall comprise:

One Northland Regional Councillor, who will chair the Committee	Colin Kitchen
One Far North District Councillor	Kelly Stratford
One member nominated by Te Runanga O Whangaroa	Stephen Rush
One member nominated to represent the communities of Taupo Bay, Pupuke, Totara North, Matangirau, Tauranga Bay, Mahinepua, and Te Ngaire and ratepayers outside of the Kaeo River catchment	Nyze Porter
One member to represent business and commercial interests within Kaeo	Bruce Mills
<i>Three representatives of the rural ratepayers of the Kaeo River catchment, one from each area:</i>	
Area 1. Floodplain and catchment area from Waiare Road to Whangaroa Harbour	Ngaere Manning
Area 2. The middle catchment area from the Waiare Gorge to Waiare Road – SH10 intersection;	John Richardson
Area 3. The catchment area upstream of the Waiare Gorge	Thomas Hawtin
One member to represent farmers within the former Whangaroa Ward	Michael Hayes
One member to represent the Wai-Care Group	Bryce Smith
One member to represent the marine farming industry	Gareth Richards – Pacific Marine Farms
One member to represent Whangaroa Health Services	vacant
One member to represent the Ministry of Education/Whangaroa College/Kaeo Primary School	vacant
One Member to represent New Zealand Transport	Jacqui Hori-Holt
<i>And any other person that the Northland Regional Council may from time to time appoint to the Working Group because of their particular skills or knowledge.</i>	

Length of Term:

Appointments will be made for a term of three years, in sequence with the local government elections, or until earlier disqualification, death or resignation. Should any of the latter three events arise, replacement appointees may be made by the Northland Regional Council.

Meeting Frequency:

As required, but no less than twice each year and timed to inform the operational programme for the upcoming works season and to report back on progress following the end of the season. Meetings shall be open to the public.

Objective:

To advise and make recommendations to the Northland Regional Council, on all matters pertaining to the development and implementation of the Kaeo River Management Plan and plans for other Whangaroa area rivers.

Functions:

The Kaeo River-Whangaroa Catchment Laision Working Group is an advisory committee of the Northland Regional Council and has no delegated authority or specific powers. Its functions are to:

1. Provide a stakeholder forum for the development of policies and plans for the reduction of flood risk within the Kaeo River catchment and the wider Whangaroa Area.
2. Enable stakeholders to participate in the ongoing management of flood control with the Kaeo River catchment and the wider Whangaroa Area.
3. Facilitate communications between the Northland Regional Council, which is ultimately responsible for the development and implementation of Management Plans to reduce flood risk, and the residents and landholders within the catchment.
4. Advise the Northland Regional Council on all matters relating to the development and implementation of the Kaeo River Management Plan.

Specific tasks will include:

1. Assisting the Northland Regional Council to develop and adopt a comprehensive Management Plan for the management of flooding and erosion within the catchment of the Kaeo River.
2. Assisting the Northland Regional Council to develop and adopt a comprehensive Management Plan for the management of flooding and erosion within the catchments of other Whangaroa rivers.
3. Annually reviewing the priority and order of works within the management plans, ensuring that works are being undertaken in the order set out in the Plans and to the standards specified in the Plan or, when necessary, recommending changes to the Plans.
4. Reviewing the implementation and effectiveness of other measures identified in the Management Plans to reduce flood risk, including policies and rules in Regional and District Plans, controls under the Building Act, or any other methods.
5. Each year, reporting on performance against the past year's work plan and recommending to the Regional Council an annual works plan and budget for the forthcoming financial year.
6. Each meeting reviewing monitoring reports on the environmental impacts of the scheme.

7. Assisting the Regional Council to identify potential opportunities for improvement to the scheme and to assist the Council to consult with affected parties.

Date	Section Amended	Approved by
13/09/2023	Updated membership	
11/10/2024	Composition	Working Group
30/7/2025	Updated membership – removed Kobus du Toit NZTA (no longer there)	
23/12/2025	Updated membership	



Kaeo River Working Group

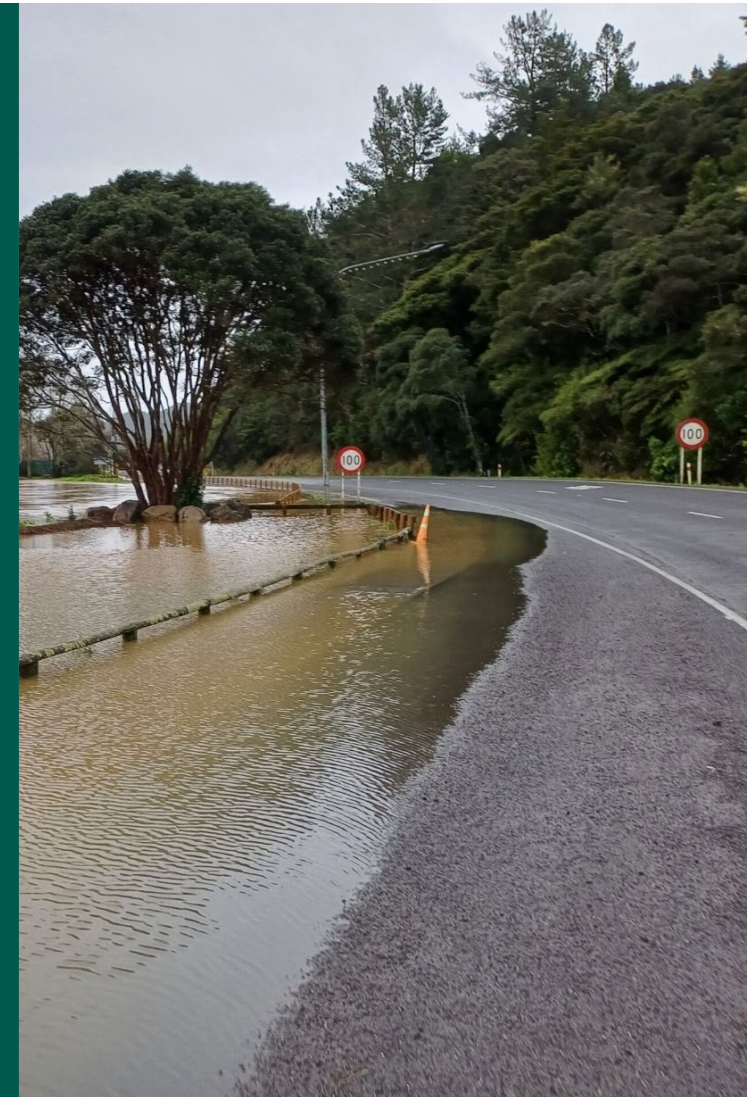
4 February 2026





Agenda

1. Record of Actions
2. Receipt of action sheet
3. Terms of Reference confirmation
4. Budget
5. Recent Heavy Rain Events
6. Stage 2 Kaeo Update
7. Tauranga Bay
8. Omaunu Road Model
9. Any other business



Terms of Reference



To review and confirm the Terms of Reference for the Kaeo River-Whangaroa Catchment Working Party as per the agenda

Record of Actions

6/03/2025	Stage 2 Kaeo Update (3.5)	Provide Gantt chart for Kaeo Stage 2 works to FNDC	NRC Rivers Project Manager	Completed	Gantt chart available
4/09/2025	Presentation Sides (3.3) Kaeo Stage 2 Update	Clarify with the finance team why the depreciation figure for infrastructure assets is not aligning with expectations and ensure the correct number is reflected in the accounts.	NRC Rivers Manager	Completed	Presented at last River meeting
4/09/2025	Presentation Sides (3.3) Kaeo Stage 2 Update	Explore and establish additional communication platforms (e.g. social media, local noticeboards) for project updates, and inform the group how to access these updates	NRC Rivers Project Manager	Completed	Project posters have been made and distributed to local Kaeo businesses - library, museum, 4square, cafes. We need a volunteer who is able to post the updates on the Whangaroa Facebook Page.
4/09/2025	Presentation Sides (3.3) Kaeo Stage 2 Update	Interested individuals to put their names forward to be involved in the community environmental forum to ensure they are added to the communication list.	Working Group	Completed	Later in the construction season volunteers for some of the ecological work would be very helpful.
4/09/2025	Presentation Sides (3.3) Kaeo Stage 2 Update	Provide supporting information and documentation to interested parties detailing the consultation process, engagement with hapū, and transparency measures undertaken throughout the project.	NRC Rivers Manager	Completed	Information provided to the requestor
4/09/2025	Presentation Sides (3.3) Kaeo Stage 2 Update	Request feedback from the committee on the proposed environmental and recreational additions to the project design, and arrange a follow-up meeting if needed to discuss improvements.	NRC Rivers Project Manager	Completed	Discussed at last meeting, can be discussed again at the next meeting

Budget

5002 - Whangaroa River & Streams Works Financial Report

2024/2025			2024/2025		
<i>Budget</i> YTD Jan25	<i>Actuals</i> YTD JAN 25	<i>Variance</i> YTD JAN 25	<i>Budget</i> YTD Dec25	<i>Actuals</i> YTD Dec25	<i>Variance</i> YTD Dec25
969	934	35	485	468	16
0	219	(219)	0	429	(429)
0	55,088	(55,088)	0	75,720	(75,720)
1,923	1,037	886	985	988	(3)
4,268	7,953	(3,685)	2,134	2,134	0
0	17,902	(17,902)	0	812	(812)
7,160	83,133	(75,973)	3,604	80,551	(76,947)
55,000	54,652	(348)	27,500	28,401	901
0	13,162	13,162	0	0	0
70,310	67,814	(2,496)	27,500	28,401	901
63,150	(15,319)	(78,469)	23,896	(52,150)	(76,046)
67,418	(7,366)	(74,784)	26,030	(50,016)	(76,046)
(143,425)	(359,421)	(215,996)	(143,425)	(352,056)	(208,631)
(76,007)	(352,056)	(276,049)	(117,395)	(302,040)	(184,645)



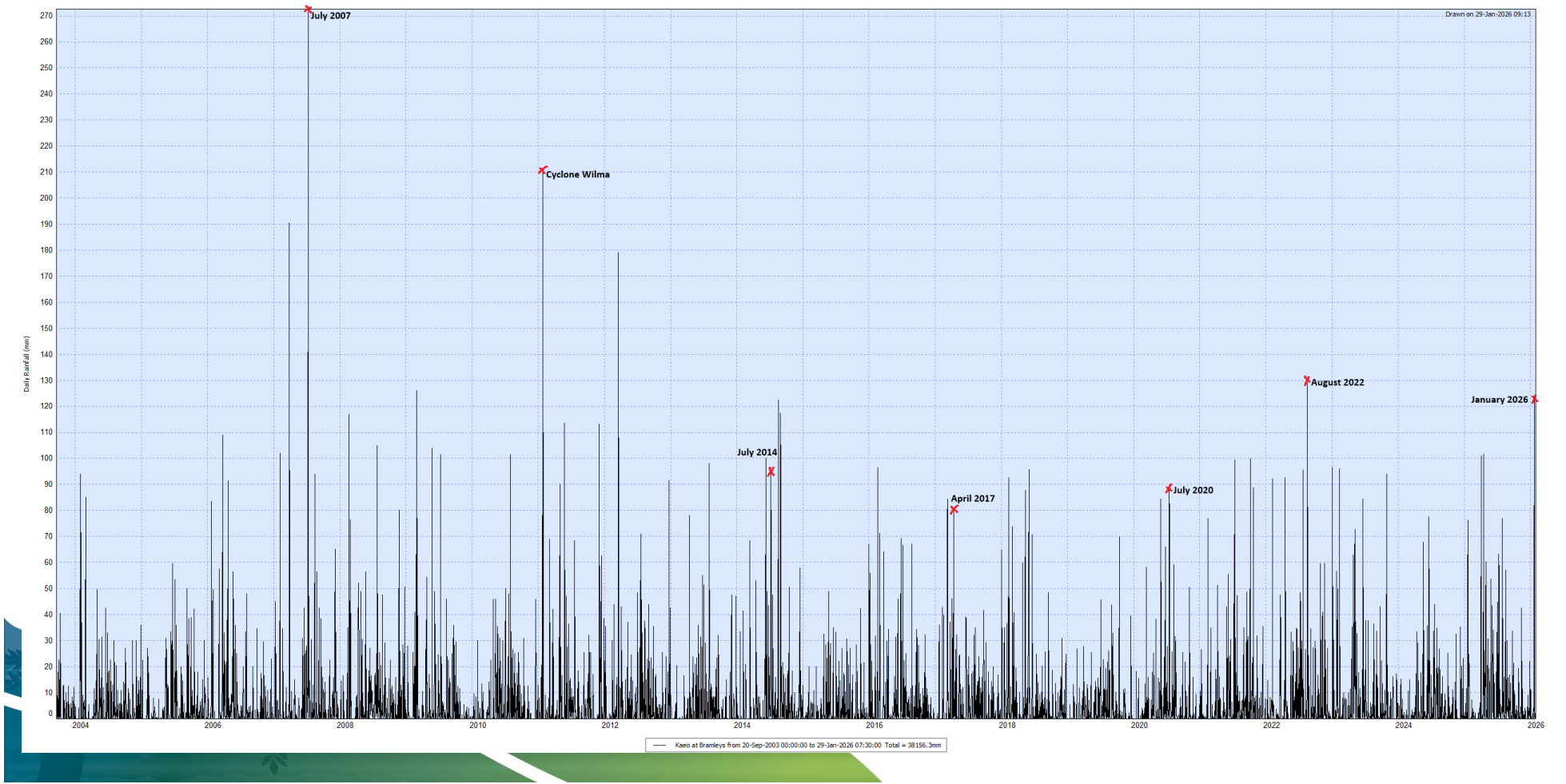
Budget

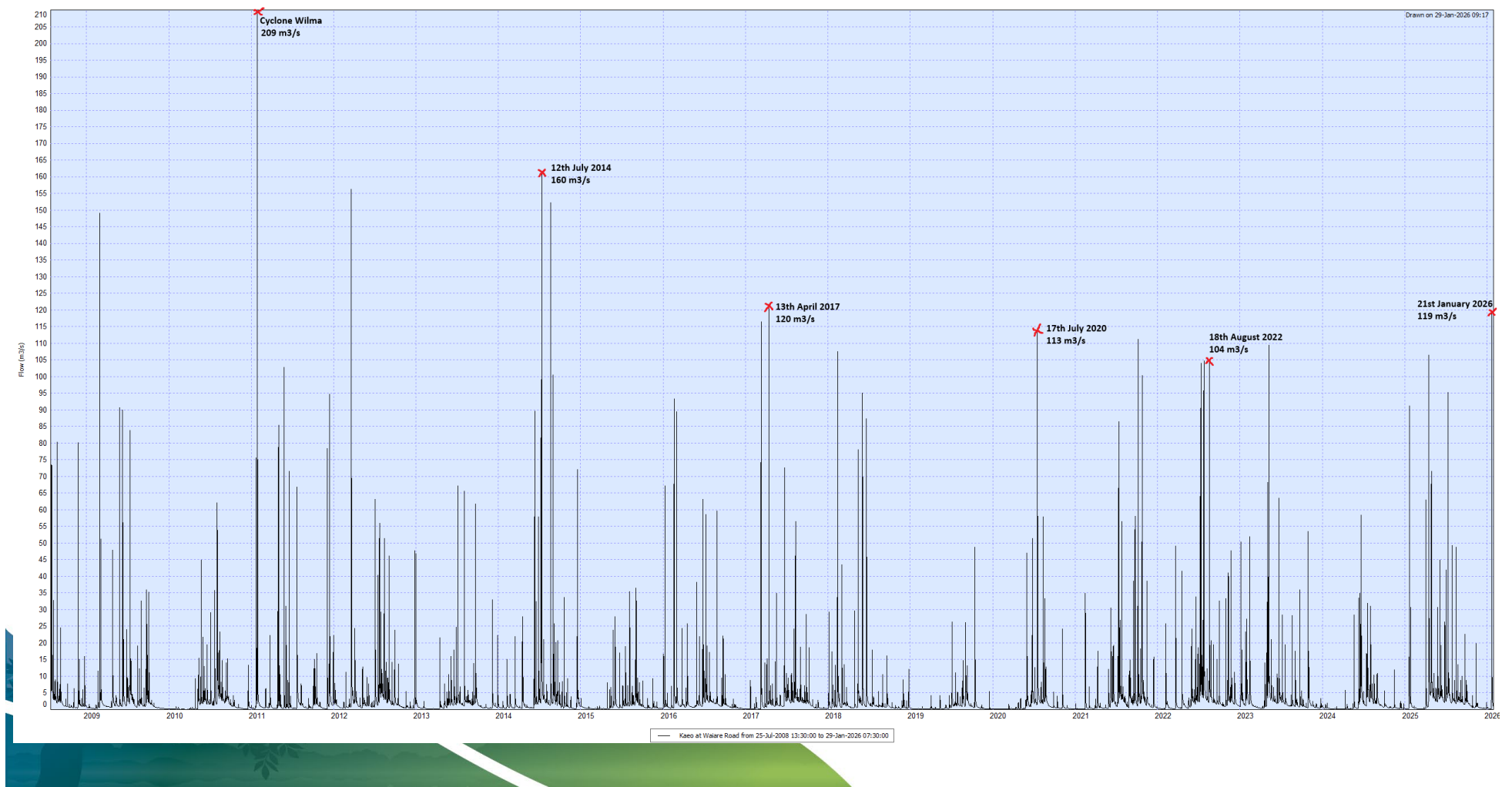
**5016 - Kaeo River
FIR (Flood
Infrastructure
Rate) Programme**



2024/2025			2024/2025		
Budget YTD Jan25	Actuals YTD JAN 25	Variance YTD JAN 25	Budget YTD Dec25	Actuals YTD Dec25	Variance YTD Dec25
0	1,022	(1,022)	0	0	0
0	0	0	0	163	(163)
634	652	(18)	1,571	1,575	(4)
19,736	0	19,736	8,928	8,928	0
0	50,964	(50,964)	0	17,072	(17,072)
20,370	52,638	(32,268)	11,999	27,738	(15,739)
34,585	34,366	(219)	17,292	17,859	567
399,900	781,550	381,650	0	80,720	80,720
0	23,151	23,151	0	0	0
434,485	839,067	404,582	17,292	98,579	81,287
414,115	786,429	372,314	5,294	70,842	65,548
1,074,500	339,339	735,161	1,074,500	624,119	450,381
460,500	145,431	315,069	460,500	267,480	193,020
1,535,000	484,770	1,050,230	1,535,000	891,599	643,401
		0			0
(46,385)	640,998	687,383	(455,206)	(196,638)	258,568
(597,100)	(284,687)	312,413	(597,100)	(925,684)	(328,584)
(643,485)	(925,684)	(282,199)	(1,052,306)	(729,046)	323,260

Recent Heavy Rain Events





Kaero Stage 2 Update

Items before construction	Status
Resource Consent	Granted
Archaeological Authority	Approved
Fish Salvage Permit	Approved by MPI
Land purchases	Complete
Community design additions	Complete
Environmental Management Plan	Complete
Rocks for construction	Delivered to site
Construction tender	Awarded – Due to for completion April 2026 (weather and archaeology dependent)



Kaero Stage 2 Update



Onsite crew:

- Hapu & Iwi cultural monitors
- Archaeologist
- Environmental monitoring officer
- Construction workers (KCL)
- Engineer, geologist, ecologist



Kaeo Stage 2 Update



Kaeo Stage 2 Update



Extent of inundation to win-site area from Kaeo Cemetery. ESC Bunds have held well. Nil to minor silt contamination was visible during the site inspections to demarcated neighbouring natural wetlands.



Kaeo Stage 2 Update



Majority of Stop Bank foundation held well, with only local depressions holding water. Area is to be re-stripped 100-200mm per earlier agreement at Site Inspection 1 and 2.

Tauranga Bay

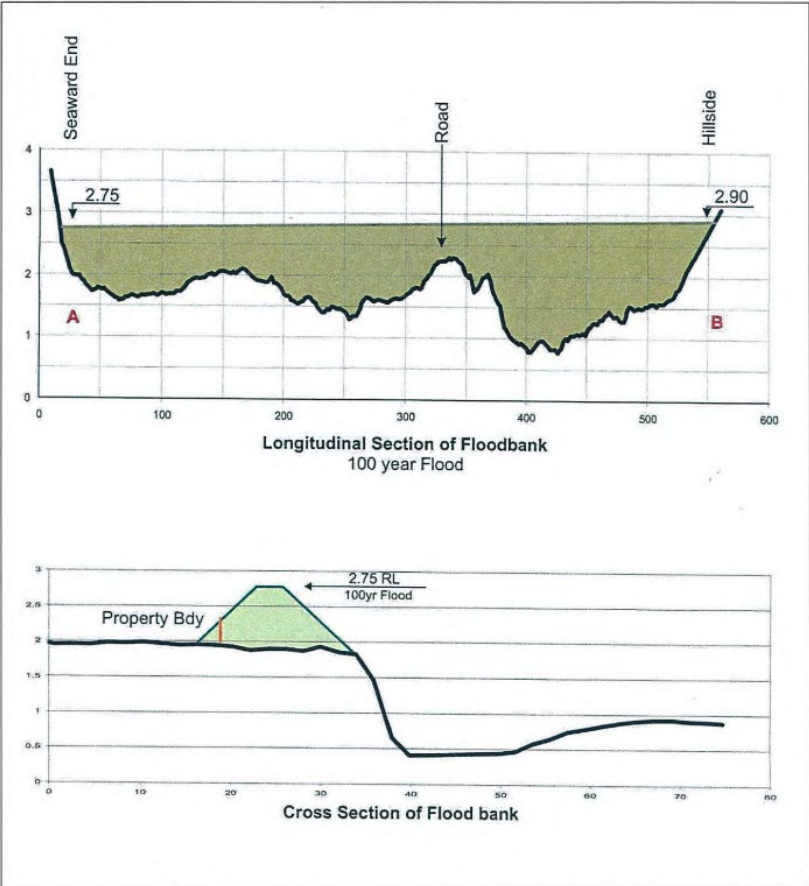


Figure A8. Typical cross section of stop bank of the preliminary flood scheme design.



Figure A7. Overview of the general elements of the preliminary flood scheme design and Sections as referred to in this RFP.

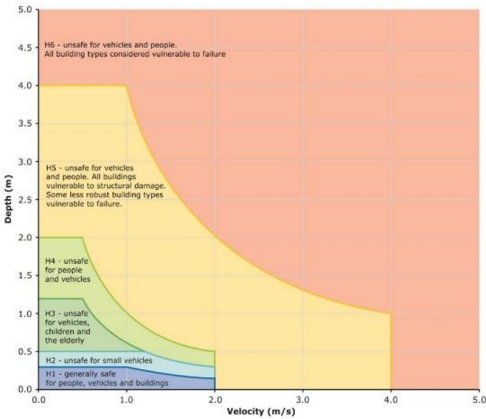


Omaunu Road Model





Omaunu Road Model



Supports Hazard-Based Planning:

TuFlow can generate flood hazard ratings based on depth and velocity, enabling consistent and evidence-based risk communication. These outputs are valuable for prioritising works, engaging communities, and supporting funding cases.



Any other business





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