

**Kāeo River - Whangaroa Catchment
Working Group**

Wednesday 11 December 2024 at 10:00 am

AGENDA

Kāeo River - Whangaroa Catchment Working Group Agenda

Meeting to be held in the Wesleydale Church,
Leigh Street, Kāeo
on Wednesday 11 December 2024, commencing at 10:00 am

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 Marty Robinson

FNDC Councillor, Kelly Stratford	Whangaroa Ward farming representative, Michael Hayes	Ratepayer representative, Ngaere Manning
Business and commercial interests representative, Bruce Mills	Area representative, John Richardson	Rural ratepayer representative, Fiona Robinson
Te Runanga O Whaingaroa, Stephen Rush		

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TITLE: **Record of Actions – 11 October 2024**

From: Haylee Labelle, Personal Assistant Community Resilience

Authorised by Louisa Gritt, Group Manager - Community Resilience, on 14 November 2024
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 11 October 2024 for review by the meeting.

Attachments/Ngā tapirihanga

Attachment 1: Record of Actions - 11 October 2024 [↓](#) 

Kāeo River - Whangaroa Catchment Working Group
11 October 2024

Kāeo River - Whangaroa Catchment Working Group Record of Actions

Meeting held in the Wesleydale Church
State Highway 10/Leigh Street, Kaeo
on Friday 11 October 2024, commencing at 10:30am

Tuhinga/Present:

NRC Deputy-Chairperson, Councillor Joe Carr
FNDC Councillor, Kelly Stratford
Whangaroa Ward farming representative, Michael Hayes
Business and commercial interests representative, Bruce Mills
Te Runanga O Whaingaroa, Stephen Rush

I Tae Mai/In Attendance:

Full Meeting

NRC Rivers and Natural Hazards Manager, Joe Camuso
NRC Rivers Project Manager, Meg Tyler
NRC Secretariat, Haylee Labelle
NZTA Representative, Warren Feek
Nyze Manuel
Maggie Rudolph
Mooch Rudolph
Lorelei Hayes
Ian Hayes
Gary Bick
Les Jackson
Ian Donaldson
Alan Donaldson
Bryce Aldridge
Cynthia Page
Rob Hayes

The meeting commenced at 10.30am with karakia by Bryce

Housekeeping (Item 1.0)

NRC Secretariat read the housekeeping information for emergency procedures, hazards and incidents for the Wesleydale Church

Apologies (Item 2.0)

Ratepayer representative - Ngaere Manning, Area representative - John Richardson, FNDC Councillor Ann Court, NRC Councillor Marty Robinson, NRC Councillor Rick Stolwerk, NRC Councillor Jack Craw, NRC Councillor Amy Macdonald, NRC CE Jono Gibbard, NRC Councillor Tui Shortland, NRC Councillor John Blackwell, NZTA Representative Jacqui Hori-Hoult, NZTA representative Kobus Du Troit, FNDC

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representative Jacine Warmington, Riki Green, Cath Lawson, Geoff Stone (resigned), Bob Rouse,
Thomas Hawtin

Record of Actions – 7 March 2024 (Item 3.1)

Presented by: NRC Councillor Joe Carr

Agreed action points:

- No actions

Secretarial note: Minutes confirmed as been true and accurate

Receipt of Action Sheet - 11 October 2024 (Item 3.2)

Presented by: NRC Councillor, Joe Carr

Agreed action points:

- No actions

Budget (Item 3.3)

Presented by: NRC Rivers Manager, Joe Camuso

Agreed action points:

- **NRC Secretariat to circulate budget to members with minutes following the meeting**

Secretarial notes: Presented Whangaroa River & Streams Works Financial Report and discussed the lines for 23/24

- *The chair acknowledged Craig Brown for his support towards the catchment as he championed this from the beginning. Craig is no longer with us.*
- *Funding from FNDC "Better Off Funding" for river clearance works was spent on various works through the catchment boundaries, Meg presented the works at last meeting.*
- *Rate collection costs relates to what we pay FNDC to collect our rates*
- *Approximately 9-months ago we received CIP from MBIE \$1.5M for this catchment for work in Matangirau, Wainui, Te Ngaere (not rate payer money)*
- *Labour for Meg/Joe recovered via Better Off and CIP Funding.*
- *Targeted rate is \$55.39 on rates (started at \$74 originally) Michael Hayes explained how this came about and to ensure that this is ring fenced to be spent in the area.*
- *Operating in a surplus*

Presented Kaeo River FIR (Flood Infrastructure Rate) Programme budget

- *This is for any and only capital works in the catchment*
- *70% is funded by the region and 30% is locally funded*
- *This catchment is in a good financial position*

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10 Year Flood Events (Item 3.4)

Presented by: NRC Rivers Manager, Joe Camuso

Agreed action points:

- No actions

Secretarial notes: Displayed rain record at Bramleys. The chair spoke to the decisive actions of Helen Clark after the 2007 floods. Shane Jones had given \$500k for work in the area unfortunately \$250k was returned – this highlights the tight timeframes needed to be adhered to when utilizing government money. The graph is from the upper catchment from the rain gauge. The second graph shows the water level gauges at the fire station (installed in 2008) since phase 1 has been installed. We are using HIRDS4 (High Intensity Rain Distribution System). Every 10yrs NIWA look at the last years data and adjust HIRDS to reflect the new data. The take-away message is that this catchment has not experienced heavy rainfall similar to 2007 events and even since 2014 Phase 1, this scheme has not been tested because not enough rain to test the system.

Stage 2 Kaeo Modelling Results (Item 3.5)

Presented by: NRC Rivers Manager, Joe Camuso

Agreed action points:

- **NRC Rivers Project Manager to provide Stage 2 slides for circulation with the minutes**
- **NRC Rivers Manager to request amended modelling for stage 2 plan to model Omaunu Road (circulate timeline of this to working group)**
- **NRC Secretariat to work with NRC Rivers Manager to set date for a special meeting in November 2024 to discuss revised stage 2 modelling with a view to making a decision on progressing stage 2 works**
- **FNDC to work with NRC on route security for Omaunu Road**
- **Discuss article for Whangaroa Whispers with Bruce Mills on date for special meeting and Stage 2 proposal**
- **NRC to model pre-human condition for Omaunu Road – i.e. From LiDAR to give us a pre-human flood condition of the area.**

Secretarial notes: Stage 1 was to deflect water to Jackson/Hayes property expecting a backflow from the confluence into town. Stage 2 is to reduce town flooding by realigning the channel (would be a permanent block of the existing river to the new channel), the difference in flood level in town is 600mm less. Design is for a 2007 event or larger. NRC has received \$1.5M of CIP money to complete all of Stage 2 for Kaeo township. This is based on the priority that the working party determined to be the township of Kaeo. The initial costings of this were approx. \$1.2M about 4yrs ago. There is no intention to fill the old river if S2 goes ahead, the old river will be occupied by the Waikare Stream.

Discussed the need to model the catchment with the effective removal of manmade structures, as reported in the minutes of the previous meeting. Specifically this would mean that no water would be held back by the Omaunu road embankment through the use of box culverts and determine at what height or ARI flood does the detention effect of Omaunu road embankment stop the reduction of flooding on downstream properties.

Community concerns are about the Dip on Omaunu Road for people driving through, discussions about the culvert and the adverse effects on Dip Road. Omaunu Road acts like a small detention

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dam and a control for flood waters. The community wants the opportunity to improve Omaunu Road considerations included in Stage 2 and for an update to be published in the Whangaroa Whispers.

Chair reiterated we do not want to lose the funding so timing is very important.

Matangirau (Item 3.6)

Presented by: NRC Rivers Project Manager, Meg Tyler

Agreed action points:

- No actions

Secretarial notes: Met with the community and four landowners decided not to proceed. Spoke to residents and shortlisted six jobs to be completed over summer

- *1 – completed but doing work to increase size of culvert from 375 to 600 on Matangirau School Road*
- *2 – Bank erosion is about 25m from house foundations, the landowner onboard will involve planting to stabilise bank.*
- *3 – Drain clearance on road side (Porters Access Road) and possible flood gate*
- *4 – Geotech cloth and rock wall 40-50m bank erosion*
- *5 – Quotes for raising main house behind the marae and benching along stream and deflection bank*
- *6 – Landowners who agreed will get benching done along their properties – this will lower the flood level locally.*

Since the last meeting the Matangirau school drain was upgraded and cleared the culvert and it is functioning well. Community feedback that there have been noticeable improvements however concerns about the ongoing maintenance work for shingle deposits/maintenance ongoing after projects are finished. Wanting to see native trees for planting as opposed to willows.

Wainui (Item 3.7)

Presented by: NRC Rivers Project Manager, Meg Tyler

Agreed action points:

- No actions

Secretarial notes: Constructed emergency access at back of marae and did a bench and bund to help reduce the flood level. Vegetation removal at front of catchment (Tabacco weed and ginger) Have upgraded two culverts under Wainui Valley Road

Te Ngaere (Item 3.8)

Presented by: NRC Rivers Project Manager, Meg Tyler

Agreed action points:

- No actions

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Secretarial notes: Modelling work was undertaken to reduce the flood impact to the marae. The river on the RHS floods the marae. Modelled a stop bank on both sides but only the RHS was beneficial. A floodwall has been installed and the bund is in the process of being constructed. Modelling the size of the culvert needed for the driveway (will occur in Summer). The stream mouth in Te Ngaere not yet addressed. Thanks was given from the Te Ngaere community and whanau living here for the works undertaken

Other River Works (Item 3.9)

Agreed action points:

- No actions

Secretarial notes: This item was not discussed

Flooding of Omaunu Road and Dip Road (Item 3.10)

Presented by: NRC Councillor, Joe Carr

Agreed action points:

- No actions

Secretarial notes: This item was covered under discussion point 3.5 so was not discussed further

Issues to be addressed now Kaeo bridge is completed (Item 3.11)

Presented by: NRC Councillor, Joe Carr

Agreed action points:

- **Affected parties (NZTA / I&L Hayes) to get together following the working group meeting and discuss the flood gate**

Secretarial notes: The chair thanked the Hayes family for allowing the stop bank to be pulled back. Concerns raised by community about shingle in the Kaeo river. Landowner concerned that the flood gate installed as part of the new bridge structure is too high (this is a NZTA matter not NRC). NRC advised that Stop bank project requires resource consent and wasn't part of the bridge works. Noted that the pig pen has asbestos in it and will be removed when the ground is dry in summer (spoke to Nick Hayes on behalf of the Hayes family).

Any Other Business (Item 3.12)

Presented by: NRC Councillor, Joe Carr

Agreed action points:

- **NRC staff to write to Geoff Stone to thank him for his contributions to the Kaeo Rivers Working Group (Moved: Carr/Mills)**
- **Kaeo Rivers Working Group members to take member nomination forms and seek new members for the working group**

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- **NRC Secretariat to email the membership nomination form to attendees when the minutes are circulated**

Secretarial notes: It was confirmed that Geoff Stone has resigned his membership from the working group.

Cr Stratford addressed concerns raised about FNDC not addressing Omaunu Road, this is the first time she has seen the minutes and will be invited to future meetings.

Meg reported on Patanga at the last meeting hence not reported on today.

Conclusion

The meeting concluded at 12.30pm with karakia by Bryce

Un-confirmed

TITLE: **Receipt of Action Sheet**

From: Haylee Labelle, Personal Assistant Community Resilience

Authorised by Louisa Gritt, Group Manager - Community Resilience, on 04 December 2024
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
17/08/2023	Budget (Item 3.3)	NRC to send members a resolution for phase two	NRC	Complete	4/12/24 Special meeting on 11/12/24 to discuss additional modelling requested by working group prior to decision making 11/10/24 Members have requested additions to the modelling before a decision is made on progressing with Stage 2, special meeting to be called Nov 2024 to decide 23/9/24 To ask for a resolution from the committee at the October meeting to progress or not with Kaeo Stage 2
7/03/2024	Budget Update (Item 3.4)	Future Flood Infrastructure Rate (FIR) spreadsheets to show where the 70/30 (Region /District) split on income and expenditure goes	NRC - Rivers Manager	Complete	17/10/24 This was included in the budget presented at the October 2024 meeting and the split was explained to the committee
7/03/2024	Heavy Rainfall events (Item 3.3)	Advise what was the last 10 year flow event in Kaeo. So the community can get an idea of the scale of event we used to model Stage 2 channel diversion.	NRC	Complete	17/10/24 presented at October meeting 23/9/24 - Meg is asking Nicole Basher to provide this information
7/03/2024	Works completed in the catchment (Item 3.6)	The overgrown grass verge by the bus stop (Omaunu Road) is a health and safety hazard, particularly for the children catching the school bus. Visibility for vehicles is a huge concern and needs to be cleared. FNDC responsibility	FNDC	In progress	25/9/24 NRC Rivers Manager followed up by email to Bruce Mills
11/10/2024	Budget (Item 3.3)	NRC Secretariat to circulate budget to members with the minutes following the meeting	NRC Secretariat	Complete	17/10/24 sent
11/10/2024	Stage 2 Kaeo Modelling Results (Item 3.5)	NRC Rivers Project Manager to provide Stage 2 slides for circulation with the minutes	Meg Tyler	Complete	17/10/24 sent
11/10/2024	Stage 2 Kaeo Modelling Results (Item 3.5)	NRC Rivers Manager to request amended modelling stage 2 plan to model Omaunu Road (circulate timeline of this to working group)	NRC - Rivers Manager	Complete	4/12/24 In Decembers special meeting
11/10/2024	Stage 2 Kaeo Modelling Results (Item 3.5)	NRC Secretariat to work with NRC Rivers Manager to set date for a special meeting in November 2024 to discuss revised stage 2 modelling with a view to making a decision on progressing stage 2 works	NRC - Rivers Manager	Complete	Date set for 11 December 2024 based on chair and key NRC staff availability alongside anticipated date of receiving amended modelling data
11/10/2024	Stage 2 Kaeo Modelling Results (Item 3.5)	FNDC to work with NRC on route security for Omaunu Road	FNDC		
11/10/2024	Stage 2 Kaeo Modelling Results (Item 3.5)	Discuss article for Whangaroa Whispers with Bruce Mills on date for special meeting and Stage 2 proposal	NRC - Rivers Manager	Closed	18/11/24 NRC Secretariat sent email to Whangaroa Whispers (Nancy) to enquire about deadline for articles and date the newsletter would be available in the public to ensure it is not available after the meeting takes place. Comms occurred but they didnt come back to us to confirm payment etc so deadline was missed
11/10/2024	Stage 2 Kaeo Modelling Results (Item 3.5)	NRC to model pre-human condition for Omaunu Road – i.e. From LiDAR to give us a pre-human flood condition of the area.	NRC - Rivers Manager		
11/10/2024	Issues to be addressed now Kaeo Bridge is completed (Item 3.11)	Affected parties (NZTA / I&L Hayes) to get together following the working group meeting and discuss the flood gate	NZTA / Hayes family		
11/10/2024	Any other business (Item 3.12)	NRC staff to write to Geoff Stone to thank him for his contributions to the Kaeo Rivers Working Group	NRC - Rivers Manager	Complete	22/10/24 Letter emailed 14/10/24 Letter drafted, secretary awaiting confirmation if chairs signature to be added to letter
11/10/2024	Any other business (Item 3.12)	Kaeo Rivers Working Group members to take member nomination forms and seek new members for the working group	Working Party members	Complete	17/10/24 forms were filled out and returned to NRC Secretariat (to be added as agenda item at the next meeting)
11/10/2024	Any other business (Item 3.12)	NRC Secretariat to email the membership nomination form to attendees when the minutes are circulated	NRC Secretariat	Complete	17/10/24 sent

TITLE: **Membership Nominations for Working Group**

From: Haylee Labelle, Personal Assistant Community Resilience

**Authorised by
Group Manager/s:** Louisa Gritt, Group Manager - Community Resilience, on 04 December 2024

Whakarāpopototanga / Executive summary

At the October 2024 meeting, membership nomination forms were handed out to attendees. We have received three nomination forms for consideration. We received three nomination forms

Ngā mahi tūtohutia / Recommended actions

1. That Fiona Robinson is removed from the Kaeo River Working Party membership
2. That Thomas Hawtin replaces Fiona Robinson as the Area 3 representative on the Kaeo River Working Party
3. That Nyze Manuel is appointed as a member of the Kaeo River Working Party
4. That Les Jackson is appointed as a member of the Kaeo River Working Party

Background/Tuhinga

Fiona Robinson has not attended any of the Kaeo River Working Group meetings in 2024, nor have we received apologies or communication from her. We have been advised that she moved out of the area approximately 18-months ago. She has failed to respond to an email to the last known email address for her. Members felt it timely that membership was reviewed, and new nominations called for.

Ngā tapirihanga / Attachments

Nil

TITLE: **Resolution from the Committee on Kaeo Stage 2 Flood Work**

From: Haylee Labelle, Personal Assistant Community Resilience

Authorised by Louisa Gritt, Group Manager - Community Resilience, on 04 December 2024
Group Manager/s:

Whakarāpopototanga / Executive summary

Presentation will cover Omaunu Road Flooding and Kaeo Stage 2 – progress and resolution

Ngā mahi tūtohutia / Recommended actions

1. Kaeo River Working Group to decide on next steps for Kaeo Stage 2

Background/Tuhinga

Will be covered in the presentation

Ngā tapirihanga / Attachments

Attachment 1: Presentation [↓](#) 



Whangaroa Catchment Meeting

11th December 2024





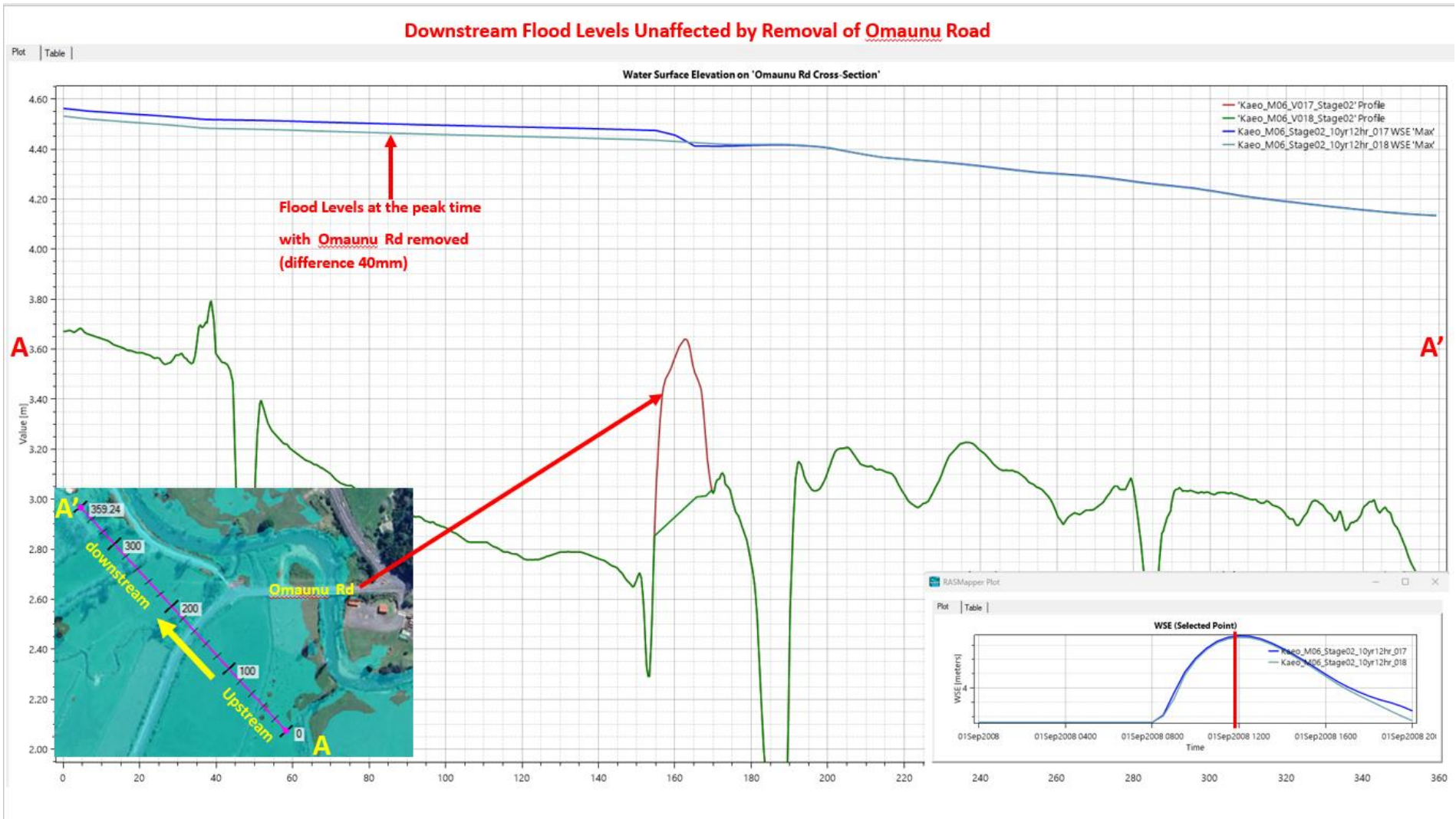
Agenda

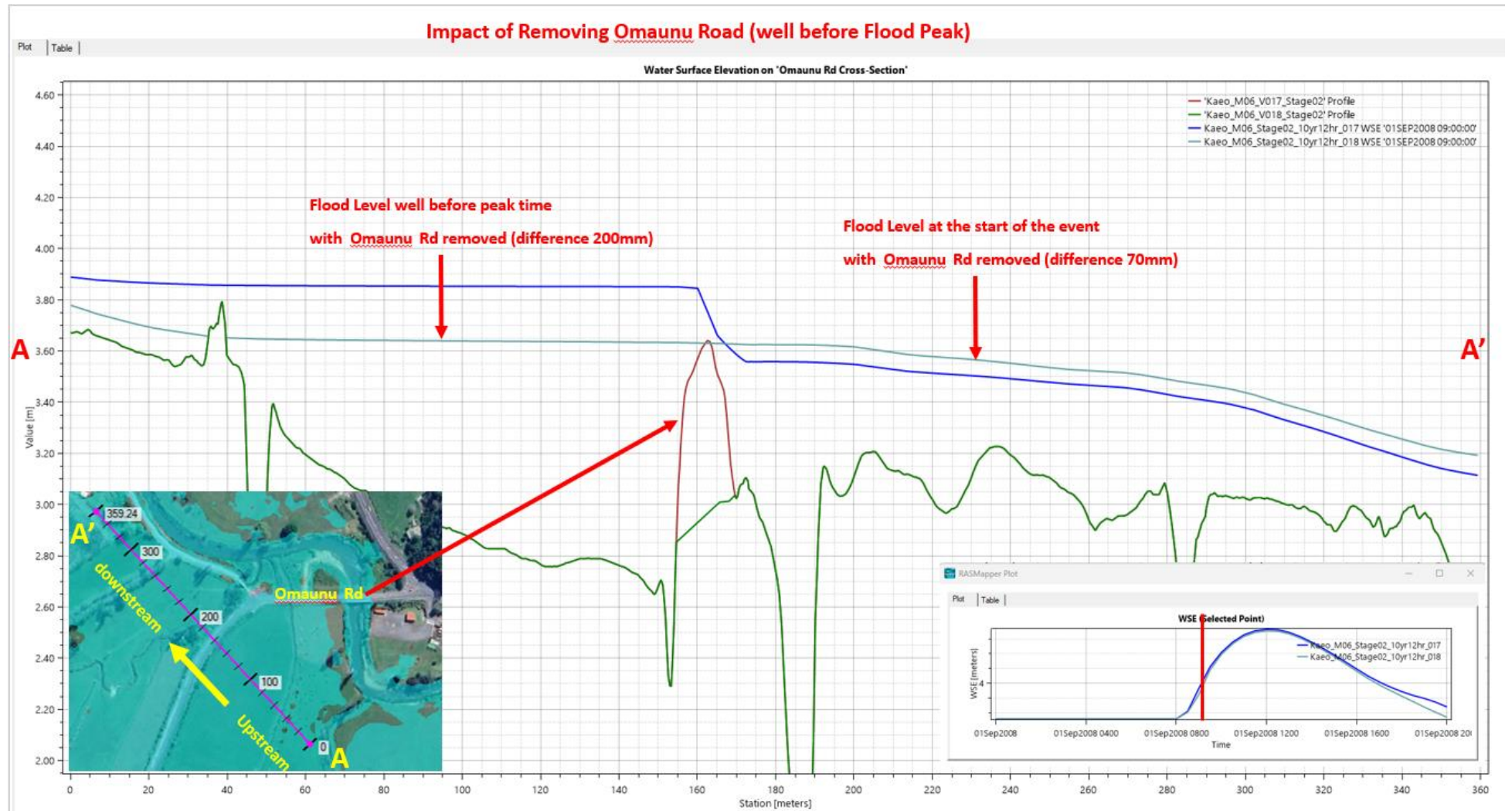
1. Omaunu Road Flooding
2. Kaeo Stage 2 -Progress and Resolution

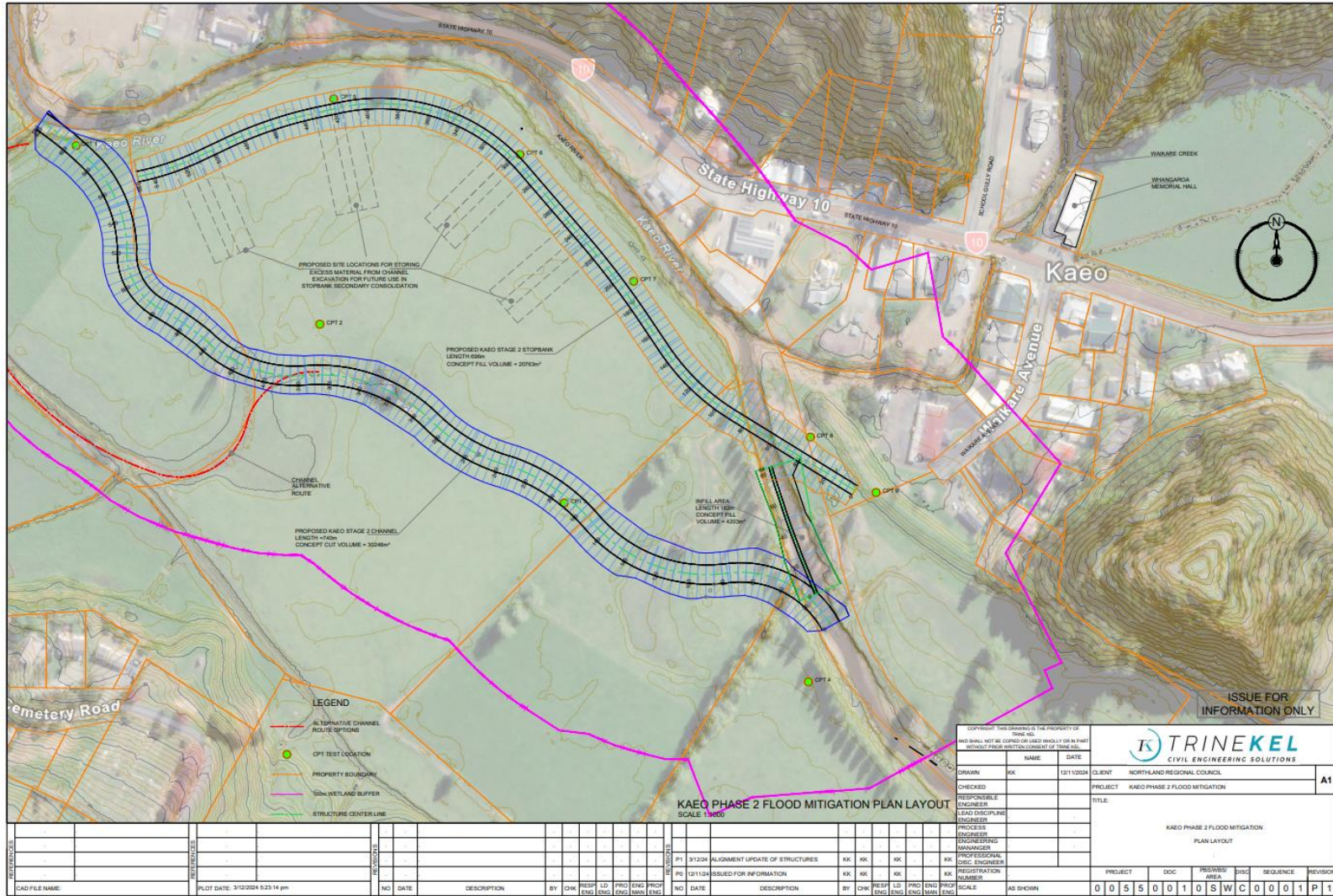


Omaunu Road Modelling

- Omaunu Road minimally impacts the overall flood levels, it acts as a temporary detention that increases upstream water by about 200 mm until overtopping (1-2yr ARI), with the effect at peak flood only increasing upstream levels by 40mm.
- Raising the road to ~1.0 m would increase upstream levels by 400mm with slight downstream changes but this effect can be mitigated with culverts. The road's effect is independent of planned Stage 2 mitigation works, and its removal has little impact on the work we have planned.



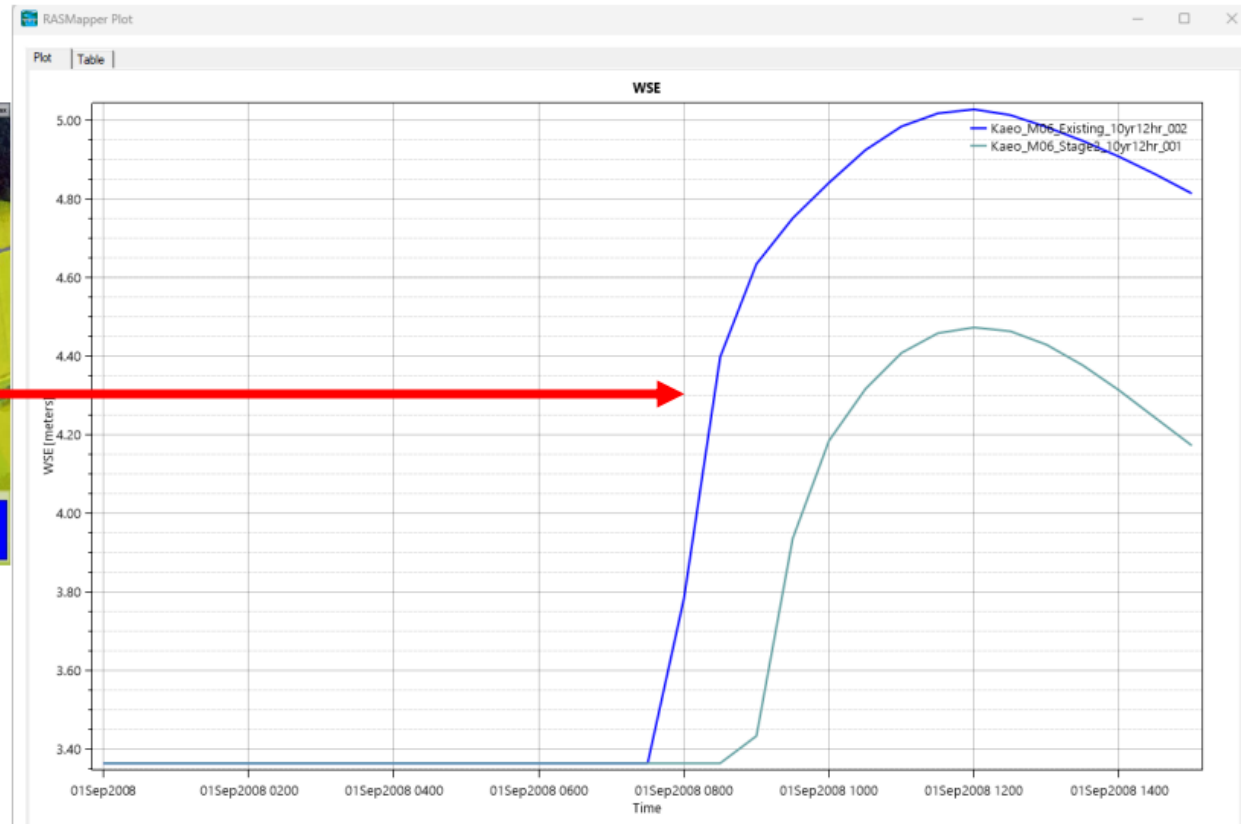




NO	DATE	DESCRIPTION	BY	CHK	RESP	LD	PRO	ENG	PROJ	ENG	SCALE	AS SHOWN
01		ALIGNMENT UPDATE OF STRUCTURES	KK	KK	KK	KK	KK	KK	PROFESSIONAL	DISC. ENGINEER		
02		ISSUED FOR INFORMATION	KK	KK	KK	KK	KK	KK	REGISTRATION	NUMBER		

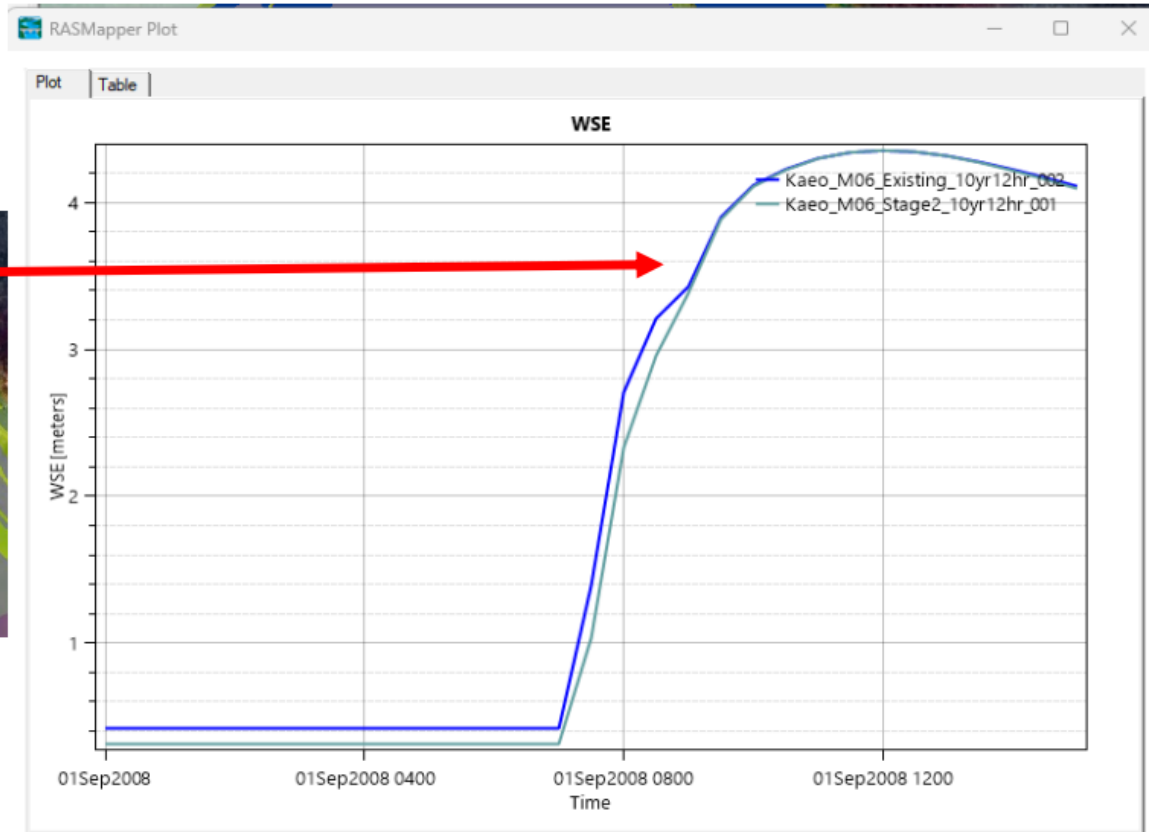
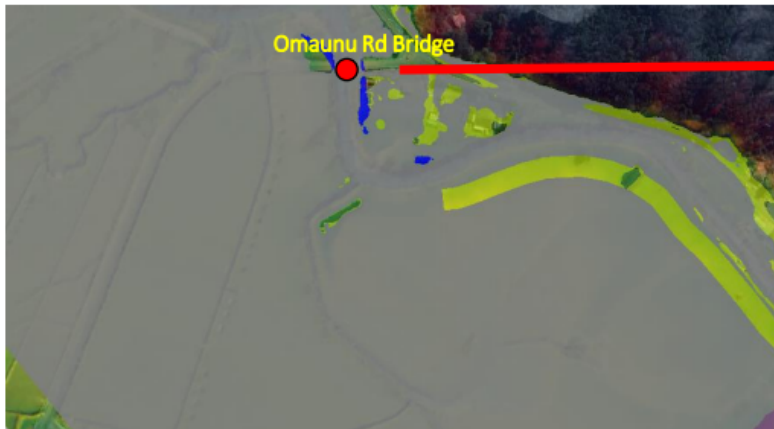
Comparison of Levels under the SH10 Bridge

The levels under the SH10 bridge are reduced by 560mm (about 0.5m) due to the proposed stage-2 works . This means that shifting the confluence downstream by adding a new channel and a new stopbank reduces the backwater effects on the stream.



Comparison of Levels under the Omaunu Rd Bridge Bridge

The proposed Stage-2 works do not impact the levels under the Omaunu Rd Bridge bridge. Small benching upstream and downstream of the bridge that is included in this model could be a reason for this. Additional flow due to the floodplain storage loss may be compensated by this benching.



Progress on Stage 2

- Baseline fish survey and wetland delineation completed
- Valuations completed and landowner agreements underway
- Detailed design in progress
- Opportunities for habitat creation, biodiversity goals & local employment
- CIA & engagement with Iwi Hapu underway
- Project staging – possibility to complete work over two seasons

Request to the committee to proceed with Stage 2 Resource Consenting and construction

The slide features a teal background with white wavy lines that create a sense of movement and flow. A photograph of a coastal landscape, showing a rocky shore with green trees and blue water, is partially visible through the white lines. The text is centered on the teal background.

Ngā mihi Thank you
He pātai? Any questions?

Northland
REGIONAL COUNCIL



Te Kaunihera ā rohe o Te Taitokerau



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