



If calling, please ask for Democratic Services

Hutt Valley Flood Management Subcommittee

Tuesday 5 April 2022, 4.30pm

Via Microsoft teams

Members

Greater Wellington Regional Council

Cr Lamason (Chair)

Cr van Lier (Deputy Chair)

Cr Connelly

Cr Lee

Hutt City Council

Deputy Mayor Lewis

Cr Edwards

Upper Hutt City Council

Mayor Guppy

Cr Wheeler

Recommendations in reports are not to be construed as Council policy until adopted by Council

Hutt Valley Flood Management Subcommittee

Tuesday 5 April 2022, 4.30pm

Via Microsoft Teams

Public Business

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Please note these minutes remain unconfirmed until the Hutt Valley Flood Management Subcommittee meeting on 5 April 2022.

Report 21.600

Public minutes of the Hutt Valley Flood Management Subcommittee meeting on Tuesday 7 December 2021

Hutt City Council Chamber, 30 Laings Road, Lower Hutt, at 4:32pm

Members Present

Greater Wellington Regional Council

Councillor Lamason (Chair)
Councillor van Lier (Deputy Chair)
Councillor Connelly
Councillor Lee

Hutt City Council

Deputy Mayor Lewis
Councillor Edwards

Upper Hutt City Council

Mayor Guppy

Public Business

1 Apologies

Moved: Mayor Guppy / Councillor Connelly

That the Subcommittee accepts the apology for absence from Councillor Wheeler.

The motion was **carried**.

2 Declarations of conflicts of interest

There were no declarations of conflicts of interest.

3 Public participation

There was no public participation.

4 Confirmation of the Public minutes of the Hutt Valley Flood Management Subcommittee meeting on 26 October 2021 - Report 21.496

Moved: Councillor van Lier / Councillor Edwards

That the Subcommittee confirms the Public minutes of the Hutt Valley Flood Management Subcommittee meeting of 26 October 2021 - Report 21.496.

The motion was **carried**.

5 Update on Progress of Action Items from Previous Meetings – October 2021 – Report 21.560 [For Information]

Nigel Corry, Chief Executive spoke to the report and advised he had engaged with Waka Kotahi and Hutt City Council regarding the makeup of the Tender Evaluation Team (TET); the matter is resolved. Membership of TET is increased to four with one additional member to represent the interests of Greater Wellington.

6 RiverLink Project Update – Report 21.535 [For Information]

Tracy Berghan, Owner Integration Lead RiverLink, Tom Newson, RiverLink Project Director and Tom Biggin, Project Manager, RiverLink spoke to the report. Jade Wikaira spoke representing the Mana Whenua Steering Group.

7 Hutt Valley Flood Management Project Update – Report 21.521 [For Information]

Sharyn Westlake, Team Leader, Floodplain Management Plan Implementation spoke to the report and also outlined information regarding the recent rainfall and subsequent flooding which for the Hutt Valley was an annual event and a 5-10 year annual recurrence interval event for the Waikanae River.

The report was updated with the following: paragraph 8a – the wording *‘(see further updates and photos in Figures 2-4 below)’* should be taken as deleted. The Hutt River Trail will be open by Christmas. The plants being raised by inmates of Remutaka Prison was discussed and it was agreed that this could be promoted by media, at a suitable time, as a positive outcome.

Noted: The Subcommittee requested that further information be provided at the next meeting related to flood forecasting.

The Chair thanked everyone for the work carried out throughout the year.

The public meeting closed at 5.24pm.

Councillor P Lamason

Chair

Date:

Hutt Valley Flood Management Subcommittee
5 April 2022
Report 21.602



For Information

UPDATE ON PROGRESS OF ACTION ITEMS FROM PREVIOUS MEETINGS – April 2022

Te take mō te pūrongo

Purpose

1. To update the Hutt Valley Flood Management Subcommittee (the Subcommittee) on the progress of the action items arising from the previous Subcommittee meetings.

Te horopaki

Context

2. The items raised at the Subcommittee's previous meeting, which required action by officers, is listed in [Attachment 1](#). The status is noted and the information requested is provided.

Ngā hua ahumoni

Financial implications

3. There are no financial implications arising from this report.

Ngā tūāoma e whai ake nei

Next steps

4. The completed items will be removed from the action items table for the next report. Any new items will be added to the table, following this Subcommittee meeting, and circulated to the relevant business group for action.

Ngā āpitihanga

Attachment

Number	Title
1	Action items from previous Hutt Valley Flood Management Subcommittee Meeting – April 2022

Ngā kaiwaitohu

Signatory

Approver	Wayne O'Donnell, General Manager, Catchment Management Group
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He whakarāpopoto i ngā huritaonga Summary of considerations
<i>Fit with Council's roles or with Committee's terms of reference</i> The action items are of an administrative nature and support the functioning of the Committee.
<i>Implications for Māori</i> There are no direct implications for Māori arising from this report.
<i>Contribution to Annual Plan / Long Term Plan / Other key strategies and policies</i> Action items contribute to Council's or Greater Wellington's related strategies, policies and plans to the extent identified in Attachment 1 .
<i>Internal consultation</i> There was no additional internal consultation in preparing this report and updating the action items.
<i>Risks and impacts - legal / health and safety etc.</i> There are no known risks or impacts.

Attachment 1 to Report 21.602

Update on Progress of Action Items from previous Hutt Valley Flood Management Subcommittee meeting – April 2022

Meeting date	Action	Status and comment
7 December 2021	The Subcommittee requested that further information be provided at the next meeting related to flood forecasting	<p>5-8 December 2021 Flood Event</p> <ul style="list-style-type: none"> • We experienced elevated river levels across the region particularly in the Waikanae River • Block Road and Riverside Carpark were flooded in the Hutt Valley • Some cars were caught in the inundation of the Riverside Carpark • All warning protocols were followed by Greater Wellington Duty officers, however, river levels raised faster than normally observed, including early warning issued on the Sunday • We are reviewing the trigger levels to assess if they need to be reduced to provide more lead time to Hutt City Council <p>Flood Forecasting</p> <ul style="list-style-type: none"> • Greater Wellington has limited flood forecasting capability in the Hutt, Wellington and Kapiti catchments but a more advanced system in the Wairarapa • The more urbanised catchments in the Western half of the region have shorter responses to rainfall making forecasting more complicated • We are progressing a programme of works to develop our flood forecasting capability and to integrate into our Flood Warning and Response service • This programme of work is aiming to develop a regional flood forecast model and catchment specific models that can give Duty Officers and communities through Civil Defence, enough warning to proactively react to any potential flooding <p>Flood Warning and Response Improvements programme</p> <ul style="list-style-type: none"> • Together with our Civil Defence colleagues Wellington Region Emergency Management Office (WREMO), we are progressing a major

Attachment 1 to Report 21.602

Update on Progress of Action Items from previous Hutt Valley Flood Management Subcommittee meeting – April 2022

Meeting date	Action	Status and comment
		<p>works programme to improve our warning and response service</p> <ul style="list-style-type: none"> • This programme is being delivered in four main components; <ul style="list-style-type: none"> - Flood Response – development of new scalable regional response procedures - Flood Warning – assessment and development of flood forecasting systems and warning channels - Flood Awareness – working with WREMO to develop community awareness messaging, collateral and campaigns - Flood Monitoring Network Improvements – strategically progressing a programme of flood monitoring network improvements • To date we have developed new flood response procedures and trained our duty officers, progressed a foundational assessment of the flood forecasting capability and are implementing an improvements programme, developing web-pages and initial flood awareness messaging. We have also started on our high priority gauging sites in Waikanae and the Wairarapa.

Hutt Valley Flood Management Committee
5 April 2022
Report 22.105



For Information

RIVERLINK PROJECT UPDATE REPORT

Te take mō te pūrongo

Purpose

1. To update the Hutt Valley Flood Management Subcommittee (the Subcommittee) on RiverLink and comment on the items raised in the Report of the Project Director - RiverLink ([Attachment 1](#)).

Te tāhū kōrero

Background

2. RiverLink is a partnership project between Greater Wellington Regional Council (Greater Wellington), Hutt City Council (HCC), Waka Kotahi NZ Transport Agency (Waka Kotahi), Ngāti Toa Rangitira and Taranaki Whānui.
3. Greater Wellington's interest in RiverLink relates to Greater Wellington's strategic priority of regional resilience and implementation of the Hutt River Floodplain Management Plan. The flood protection benefits derived from the project are Greater Wellington's focus. Greater Wellington's funding primarily relates to delivery of these project outcomes.
4. Greater Wellington's strategic priorities of freshwater quality and biodiversity, and Public Transport are supported by the successful completion of the RiverLink project.
5. Hutt City Council's objectives for RiverLink are that Te Awa Kairangi between Ewen Bridge and Kennedy Good Bridge becomes the centre piece of the city by:
 - a Turning our city around to face and embrace Te Awa Kairangi;
 - b Pedestrian/cycle bridge linking new Melling station to Lower Hutt City Centre;
 - c Revitalised open space alongside the river to provide various features for rest and play; and
 - d Engaging with the private sector to redevelop key sites along the river corridor for residential and leisure use.

Te tātaritanga Analysis

Phase 1 Consenting and Hearing

Planning and Consenting Pathway

6. The Environment court hearing is on track for the last week of April 2022.
7. Court mandated mediation has resolved a number of s274 parties ahead of the hearing. The remaining s74 parties cover walking and cycling, Harvey Norman and one land-owner.
8. Briefs of evidence have now been submitted and we are preparing rebuttal evidence. While the majority of witnesses are technical experts from outside of the project partners organisations, several officers are giving evidence: Kara Puketapu-Dentice from Hutt City Council, Graham Campbell and Barry Fryer from Greater Wellington and Kesh Keshaboina and Simon Kennett from Waka Kotahi, Kim Skelton from Taranaki Whānui and Jennie Ngarimu from Ngāti Toa Rangitira.

Phase 2- Procurement

9. A market update, about the current status of the projects was held with three consortia in mid-March 2022.
10. The Registration of Interest (ROI), and Request for Proposal (RFP) has been programmed for later in April and July respectively. The final dates for issuing these documents will depend on a number of factors, including the Environment Court Hearing and decision.
11. The Technical Advisor (GHD) continues their work on a reference design and minimum requirements for the ROI/RFP. The second draft of Minimum Requirements is due in April.
12. Draft Memorandum of Understanding (MOU) principles are being worked on ahead of programme to help align project partners with the Alliance model. Further information about this is contained in the Project Director's report.

Greater Wellington

13. Greater Wellington has successfully purchased 101 properties.
14. A report will now be provided at the Greater Wellington Regional Council meeting in April 2022, recommending approval of the Phase 2 Project Partner Agreement (PPA).
15. 'Damwatch' have completed their work on transitioning the flood model to Greater Wellington and outputs are now available to the wider project team.
16. Public Works Act, section 23 notices have been prepared and an update will be provided to the meeting as to their status.

Waka Kotahi

17. Further detail is provided in the attached RiverLink Project Director's report.

Hutt City Council

18. HCC submitted a Request for Proposal for Housing Infrastructure Acceleration Funding to provide new three waters assets to support the projected population growth enabled

by RiverLink on 17 December 2021. Applicants will be notified of the outcome by the end of April 2022. Opportunities for the bid to include stormwater works resulting from the stopbank upgrade works were explored and, if successful, two pumped stormwater outfalls will likely replace the RiverLink works. The scope of the bid could not be varied between the Expression of Interest stage and the Request for Proposal stage.

19. A revision to the Project Partner Agreement has been progressed to cover Phase 2a of the project, i.e. up to the point at which we would enter into an Alliance Agreement and an MOU with the other project partners. The following recommendations were accepted by HCC's Infrastructure and Regulatory subcommittee at its full Council meeting on 23 March 2022:

The Infrastructure and Regulatory Subcommittee recommended that Council:

- a approves the variation to the RiverLink Project Partner Agreement (the PPA);
- b authorises the Chief Executive Officer to sign the PPA; and
- c delegates to the Chief Executive Officer all the powers and functions necessary to give effect to the PPA, with the authority to delegate to officers.

Programme

20. The indicative/high level timeline for Phase 2 (Delivery) and Phase 3 (Urban Development) has been updated with some minor adjustments:

Phase 2 Delivery

- a August 2021 – Notice of Requirement and resource consents lodged
- b February 2022 – evidence complete
- c 26 April 2022 – Date set by the Environment Court for hearing to start
- d April 2022 – Registration of Interest process (ROI)
- e July 2022 – Request for Proposal (RFP)
- f late 2022/early 2023 – Appointment of Consortia
- g 2023 – enabling works –demolition/service relocations started
- h 2023 - works start on the river channel/stop banks - completion expected 2028; and Melling transport improvements, which includes the relocation of Melling railway station.
- i 2024 – work starts on the pedestrian bridge at Melling station
- j 2027 – Melling transport improvements completed.

Phase 3 Delivery

- a 2027 onwards – urban development progresses.

Community Engagement

21. The social media campaign is continuing, although more low-key as the hearing process is still being worked through.

22. The RiverLink container has been relocated to Andrews Avenue to provide a community update to talk about project benefits, what's been achieved, what's coming up and to hear about what is important to people.

Impacts of climate change on the RiverLink Project

23. The Greater Wellington components of the RiverLink Project are subject to Greater Wellington's initiatives designed to minimise greenhouse gas emissions and enhance sequestration capacity. We will work with our project partners to develop a joint procurement approach that supports Greater Wellington's mitigation objectives once we have entered that stage of the design process. The current basis of reference for this includes the Code of Practice for River Management (Te Awa Kairangi 2020). This guides all river management activities undertaken by Greater Wellington for the purposes of flood and erosion protection across the Wellington Region. The Greater Wellington corporate sustainability programme is Nga kōwhiringa.

Ngā hua ahumoni

Financial implications

24. Greater Wellington has, through its Long Term Plan and annual planning processes, committed funding of \$145 million to delivery of the flood protection benefits of RiverLink. The current forecast for delivery of the flood protection benefits are currently being reviewed through the project processes. Greater Wellington is committed to funding its full share of the project. Work is currently underway to understand the implications and process for any required adjustments to the Long Term Plan.
25. In December Greater Wellington secured access to \$227 million green loan funding for Greater Wellington's RiverLink components, with the first \$13 million being drawn-down in late December 2021. Together with Wellington City Council this is the first Green Loan funding to be issued by the Local Government Funding Authority.
26. These budgets do not include allowances for improvements to facilities related to public transport associated with the relocation of Melling Train Station, as Waka Kotahi are responsible for its relocation although some Greater Wellington funding may be desirable for some enhancements.

Financial implications for Hutt City Council

27. HCC voted in favour of increasing its 2021-2031 Long Term Plan funding for RiverLink to \$136.5 million, with a net cost of \$93 million after revenue from subsidies and land sales. The new funding became accessible from 1 July 2021, with the majority of expenditure scheduled to occur over the next five years. The funding will allow HCC to deliver key RiverLink scheme components including a pedestrian cycle bridge, a riverbank park, city centre urban revitalisation, intersection improvements, strategic property purchases and parking areas.

**Ngā āpitihanga
Attachment**

Number	Title
1	Report of the Project Director – RiverLink

**Ngā kaiwaitohu
Signatories**

Writers	Tracy Berghan – RiverLink Lead, Greater Wellington Tom Biggin – Project Manager- RiverLink, Hutt City Council
Approvers	Graeme Campbell – Manager, Flood Protection Wayne O’Donnell – General Manager, Catchment Management Group

<p>He whakarāpopoto i ngā huritaonga Summary of considerations</p>
<p><i>Fit with Council’s roles or Committee’s terms of reference</i></p> <p>The Subcommittee’s specific responsibilities include to “review periodically the effectiveness of implementation and delivery of floodplain management plans for the Te Awa Kairangi/Hutt River floodplain”, of which the RiverLink project is part of.</p>
<p><i>Implications for Māori</i></p> <p>Ngāti Toa Rangitira and Taranaki Whānui ki Te Upoko o Te Ika are members of the RiverLink Project Management Board.</p>
<p><i>Contribution to Annual Plan / Long term Plan / Other key strategies and policies</i></p> <p>RiverLink contributes to the delivery of Greater Wellington’s strategic priorities of Regional Resilience, Freshwater Quality and Biodiversity, and Public Transport.</p>
<p><i>Internal consultation</i></p> <p>There was no internal consultation in preparing this report.</p>
<p><i>Risks and impacts: legal / health and safety etc.</i></p> <p>The programme leading to commencement of construction is currently impacted by the:</p> <ul style="list-style-type: none"> • Complexity of integrating Waka Kotahi into the consenting work stream, including agreeing a variation to contract and signing of the deed of accession to the project partner agreement; • Additional design work required for the Hutt City urban edge that forms the interface between Te Awa Kairangi/Hutt River and the city to enable commencement of the assessment of environmental effects work-streams.

Date: 5 April 2022

Report of the Project Director – RiverLink

RiverLink – Project Update Report

1. Purpose

This report builds on regular reports the Hutt Valley Flood Management Subcommittee (the Subcommittee) has received which provides an update on the RiverLink project; it does not repeat, or duplicate information previously provided.

In December, the Subcommittee received a report which provided an update on the consenting and procurement workstreams. The report advised Members of the nature of submissions received and progress on addressing 92 requests.

This report updates Members on these two workstreams, and Mr David Allen, Buddle Findlay, (Riverlink’s Legal Counsel) will attend to outline progress on the planning and consenting matters.

The report outlines the latest indicative programme/timeframe for the delivery of the project, and an update is provided on the property workstream.

The Mana Whenua Steering Group (MWSG), meet regularly and provide direction and guidance.

This report should be read in conjunction with a covering report on the Subcommittee’s agenda, which provides an update on specific matters as they relate to Greater Wellington Regional Council and Hutt City Council.

COVID-19

COVID-19 business continuity plans continue to be implemented.

2. Background

Since 2020 Members have received reports which have provided a high-level overview of the RiverLink project. The vision and strategic objectives have been outlined, as has the partnership approach and supporting governance structure. The partners have agreed to work collaboratively in an integrated, joined-up manner, the benefits of which were outlined in the February report, 2020. The partners work on the basis of achieving a “best for programme” outcome.

3. The consenting workstream

The resource consents and Notice of Requirements were lodged with the two regulatory authorities in August 2021. The application pack was publicly notified on 25 August 2021. The two consenting authorities have approved the direct referral consenting pathway.

Members are reminded that in October last year over 122 submissions were received and the team (which include the project partners, the project office and consultants) have worked tirelessly to liaise and where possible address the concerns of submitters/s274 parties. Mediation and conferencing have been undertaken and at the time of writing, **five submitters, plus the Regulators**, wish to be heard at the Environment Court. Evidence and rebuttal statements are available on the Greater Wellington Regional Council's website.

The **submission themes** have been greatly reduced since the December Subcommittee report, but they still include matters as they relate to property, the design of cycleways and the scope of the programme of works.

Contact is being maintained with submitters to maintain dialogue, clarify expectations and work towards an agreeable outcome.

Members are reminded that the plans and drawing submitted to the consenting authorities as part of the resource consents are indicative only. They are consenting plans and not detailed engineering plans. Detailed engineering plans and drawings will be prepared by the alliance, as the procurement and delivery progress.

Members are reminded that addressing the concerns of submitters by, for example, widening the scope of the programme of works and agreeing to new/amended conditions do have **cost implications**. These costs have been included to inform the reference design and estimate revision.

The hearing is scheduled to start on **26 April and end 5 May**, and it is anticipated that the Environment Court will issue its judgement in August.

Mr David Allen will attend the sub committee and summarise the planning and consenting issues to date and outline the programme going forward.

4. Programme and procurement

The high-level programme for phases 2 and 3 is outlined in the accompanying covering report.

The **key steps** between now and the anticipated start of the main works contract are:

March	Complete stage 1 of the reference design and update cost estimate
April	Stage Gate 3 approval*, release of Register of Interest (ROI), Complete Reference Design stage 2, (Environment Court hearing)
May	ROI inception meeting
July	Shortlist confirmed
August	Issue Request for Proposal

November Alliance submission closes

February Preferred proponents announced

April 2022 Main works commence.

(* Stage Gate 3 approval is an internal assurance process of Waka Kotahi associated with the New Zealand Up Funding Programme)

A programme of **advance/early works** are being developed by both Greater Wellington Regional Council and Hutt City Council – please see the accompanying report for details.

Waka Kotahi has recently engaged with industry to provide an update on anticipated timeframes, potential advance and early works and tender process information to seek feedback for consideration into the process.

5. Property

The partners are working together on schedules to **coordinate all property matters**. The schedules summarise the status of all the property required by the programme of works and this in turn is aligned with the anticipated timeframe to ensure that all legal requirements regarding the required property portfolio has been achieved.

The accompanying report contains information on the number of properties acquired and those outstanding. Details are not provided as they are commercially sensitive.

Of the outstanding properties required, whilst negotiations are continuing in good faith, the Project Board will need to consider the option of pursuing **compulsory acquisition**, should it be deemed necessary, in the best interest of the project. Some existing leases extend beyond the anticipated start date of the project and they will require specific management so as not to delay the implementation of the programme of works.

The project partners are very sensitive to the issues faced by **tenants** who are required to vacate their properties. Finding suitable alternative arrangements in a tight housing market is challenging.

A memorandum of understanding will shortly be signed between **Kiwirail** and the project partners to facilitate the realignment of the railway and relocation of Melling station and associated facilities.

Utility survey works are currently being procured and on-going engagement continues with the main **utility providers**. The realignment of the main trunk sewer is an issue which the project partners are addressing with associated cost implications.

6. Budgets

The Subcommittee has been informed of an ongoing cost revision exercise which is being continuously revised as the project progresses, and as the minimum requirements are agreed.

Members will be aware that due to primarily global macro-economic factors price escalation is a very real risk for all capital projects.

The partners are working together to address this challenge and mitigate and manage this significant challenge.

Both local authorities are applying separately for central government funding which is outlined in the accompanying report.

7. Communications and engagement

The project Board continues to receive regular updates on the delivery of the communications and engagement strategies.

A communications strategy for phase 2 is being considered by the project partners as the project transitions from phase 1, consenting, to phase 2, post lodgement and procurement. As the programme of works is firmed up the emphasis will shift from “information/consultation” to “information/progress”.

The monthly community updates will continue, and the website and social media will continue to be updated and used to share information, etc.

The container at the Riverside car park has been opened on Saturdays during the summer.

8. Other matters

Further **geo technical investigations** will shortly be undertaken to inform and update the reference design and cost estimates. Advance notice will be provided to affected property owners and information posters will be provided to keep the community abreast of progress.

The Subcommittee should remain confident that proposals which will be delivered are those as per the proposals plans which have been shared with the local community.

The Subcommittee has been advised that with such a large and complex programme of works that there will inevitably be **disruption** in and around Te Awa Kairangi and in Hutt CBD. Roads, cycleways and pathways will be temporarily closed, traffic will be diverted and there will be noise, dust and vibration. Contractors will be required to minimise these disruptions and follow industry standards and apply best practice and implement an engagement plan to advise and inform the community of mitigation proposals.

9. Project governance

The **project partner agreement** (PPA) which covered phase 1 – the pre design and consenting phase, is in the process of being updated to ensure that an extant agreement is in place to cover phase 2 (a) which will keep the Riverlink partnership together, as the project transitions into the delivery phase.

The PPA sets out parties intent to enter into a **Memorandum of Understanding** (MOU) to govern relationship and funding of Phase 2B (construction).

The commercial model discussions are only taking place within the bounds of alignment in the PPA and the MOU is to be drafted to reflect the partnering principles and commitments. The MOU is intended to be entered into at about the same time as execution of the Project Alliance Agreement (PAA) as final cost sharing model will be co-dependent on PAA costings and need to run for term of PAA, plus any period of time during which there are survivable rights and obligations under the PAA.

The **Chief Executive's RiverLink Relationship Management** meetings are now held monthly, and they continue to be a forum to reinforce the collaborative nature of the project and solve issues collectively.

10. Conclusions

As the project transitions from the planning and consenting phase to procurement and delivery, the Project Board is focussed on the overall programme, budget and reference design with the partners remaining aligned and working collegiately.

Future reports will continue to keep the Subcommittee informed of progress.

Hutt Valley Flood Management Subcommittee
5 April 2022
Report 22.104



For Information

HUTT VALLEY FLOOD MANAGEMENT PROJECTS REPORT UPDATE

Te take mō te pūrongo

Purpose

1. To update the Hutt Valley Flood Management Subcommittee (the Subcommittee) on progress made in implementing general Hutt Valley Flood Management projects, and other mahi, including operational maintenance and regional investigations initiatives.

Te horopaki

Context

2. Greater Wellington Regional Council (Greater Wellington) has an ongoing programme of projects within the catchments of Te Awa Kairangi/Hutt River and the Wainuiomata River. The projects are included in or guided by the floodplain management plans and river management schemes for the rivers and streams within these catchments.

Te tātaritanga

Analysis

Te Awa Kairangi/Hutt River

3. Projects being completed within the managed extent of Te Awa Kairangi/Hutt River are outlined in the Te Awa Kairangi/Hutt River Floodplain Management Plan, and Te Awa Kairangi/Hutt River Environmental Strategy. Currently, a major focus area is RiverLink - the length of river between Kennedy Good Bridge and Ewen Bridge near to Hutt City Central Business District. The projects in this section have been combined into the RiverLink project.
4. RiverLink is a multi-partner project to improve flood protection, regenerate Hutt City and improve transport choice. It is the major focus for implementation of the Hutt River Floodplain Management Plan. The project is forecast to complete implementation in 2028. Detail about the project is contained in separate RiverLink Project Director's reports.
5. Government funding has been secured for flood protection projects through the Government's stimulus package focusing on climate resilience and infrastructure development to help rebuild the economy following COVID-19 alert levels lockdown periods. Greater Wellington's programme comprises two projects located in the Te Awa Kairangi /Hutt River and the Ruamahanga River. Within the two projects, there are seventeen separate locations of works. The works comprise flood and erosion protection

in Te Awa Kairangi/Hutt River and landfill erosion protection in the Ruamahanga River. The Te Awa Kairangi specific projects are reported on below under the “Climate Resilience Projects” heading.

Flood Hazard Modelling

6. Greater Wellington is updating the flood hazard model for Te Awa Kairangi/Hutt River. This is being carried out in line with Greater Wellington’s flood hazard modelling standard process and to meet Hutt City and Upper Hutt City’s District Plan change timeframes.
7. Since the previous update we have received the peer review and are working to address the comments. Draft outputs have been shared with Hutt City Council to aid their planning. Once the peer review comments have been addressed we will share the report with the community and work with Hutt City Council to include the information into the draft District Plan.

Climate Resilience Projects

8. Project-specific tasks which are underway are as follows:
 - a Royal Wellington Golf Club Erosion Repair Works – project completed mid-January 2022
 - b Pomare/Taita Left Bank Erosion Repair Works – Practical completion has been achieved for this site, with final tidy-up mahi, grassing and winter planting still to be completed.
 - c Manor Park Shared Pathway (Cycleway) Construction – Stage one works to construct a shared pathway (cycleway) adjacent to the Manor Park Golf Course in Lower Hutt was completed in February 2022. Greater Wellington’s project partner, Hutt City Council, is managing the construction. Stage two (northern section up to the Silverstream Bridge) will begin construction shortly. This section will initially be a narrower gravel track (as opposed to a 3 m wide sealed surface) until the new Wellington Water main is laid and the new Silverstream pipe bridge is constructed, both by Wellington Water. As some of the new water main alignment is along the Stage 2 walkway a permanent track will not be in place until the water main is completed. The completion of this community enhancement project will provide continuous Hutt River Trail access along the west side of Te Awa Kairangi/Hutt River between the Kennedy Good Bridge and Silverstream road bridges .
 - d Stokes Valley Works – A revised Site Specific Effects Management Plan (SSEMP) has been submitted to stakeholders and partners for review.
 - e Remaining Programme Sites – Design work is complete. Most sites are currently in the contractor procurement stage, with many in a mixed design/construction phase.
9. A broader outcomes programme is in place for the Climate Resilience Projects, with specific initiatives on worker diversity, career development, and worker wellbeing.
10. Mills Albert, a local Māori owned contractor, has been engaged to construct the works at thirteen of the fourteen Hutt Valley sites where works are being carried out.

11. Programme progress is being regularly communicated to stakeholders by regular project email newsletters.
12. Regular hui are taking place between Greater Wellington and iwi partners: Te Rūnanga o Toa Rangatira Inc. and Taranaki Whānui. Partners are involved in co-design of tree planting, signage, storyboards and rongoā gardens, amongst other works.
13. Through this programme, Greater Wellington is working with iwi partners to strengthen the relationship between iwi and the Department of Corrections. Iwi are leading the approach and desired result, with Greater Wellington helping to facilitate strategy and to connect the appropriate personnel. This engagement has the potential to create meaningful ways for inmates to reconnect to their whenua, whanau, and identity overall.
14. Greater Wellington is involved in an initiative for councils to regularly engage with the Department of Corrections for the procurement of plants. This initiative is growing in scope, with wide appeal for both councils and iwi nationally. Engagement with councils, iwi, and Corrections (through the Correction's National Maori Affairs Manager) has begun.
15. Over 60,000 plants have been procured for planting at project sites along Te Awa Kairangi/ Hutt River. Approximately half of these plants have been procured from a local correctional facility, Remutaka Prison. This has contributed to the extensive broader outcomes of this programme of works, as well as to the above Corrections/Councils procurement initiative.
16. The project budget has been increased by \$3 million to a total of \$20 million due to an increase in the scope of works. The work scope has increased as other works on Flood Protection's work programme have been put into the project to enable them to be progressed with the increased resources taken on for the project. The works will be financed within current Flood Protection budgets.
17. We have sought an extension of time to our original contract to enable more cost-effective supply of materials to the work sites. To complete the Climate Resilience Programme of Work in the contracted time limit of 30 June 2022, the Project Team would have had to procure rock at a cost of approximately \$4.1 million
18. Extending the programme of works for 2 of the 17 projects by 12 months means the rock can be sourced from an alternative supplier. The new rock cost will be approximately \$2.3 million which is a saving of \$1.8 million for Wellington ratepayers. The proposed contract extension has been discussed with Ministry of Business, Innovation and Employment (MBIE) and agreed in principle.
19. Consultation with Department of Conservation (DoC) and Fish & Game is progressing well. Site Specific Effects Management Plans for a number of work sites are being sent to these stakeholders for review.

Te Awa Kairangi/ Hutt River Corridor Environmental and Recreational Management Plan and Operations Manual

20. The Environmental and Recreational Management Plan and Operations Manual is currently being finalised and will be available on the Greater Wellington website. This sets out the framework within which all future recreational management of the river

corridor will be carried out and provides details to guide development and maintenance activities, e.g., conventions for signage, furniture types to be used, bollards etc.

Waiwhetū Stream

21. Greater Wellington is continuing to work with Hutt City Council to support the activities of the Friends of Waiwhetū Stream. Updated flood hazard maps are also being prepared in conjunction with Wellington Water so that stormwater and river flooding can be incorporated into a single plan.

Operational Works (River Management Schemes)

22. Storm damage repairs from flood events in December 2021 and February 2022 are still in progress. The Speedy's Creek debris arrestor needed minor maintenance and the Korokoro Debris Arrestor needed major repairs after these events.
23. Routine maintenance of fence lines and trail maintenance is underway. Staff shortages due to COVID-19 has had a large impact on work crews.
24. Staff have also been very busy providing advice to help assist with the Climate Resilience projects underway.

Whanganui-a-Tara Whaitua

25. Four United States engineering students from Worcester Polytechnic Institute have worked remotely on a project for the Whanganui-a-Tara Whaitua. The project is to support and assist Greater Wellington with freshwater quality and quantity/flow solutions and includes worldwide research to identify possible solutions. This work is now complete.
26. The report Abstract reads “The purpose of the project was to create a set of recommendations to improve water quality in Wellington, New Zealand. We accomplished this by interviewing water quality experts in Wellington as well as Massachusetts, U.S, and reviewing successful water quality management practices implemented in Massachusetts and beyond. Our research identified areas of critical need and potential intervention in Wellington. Our recommendations include possible communication strategies needed to make the proposed technical solutions more effective within the context of Wellington.”

Regional Investigations Initiatives

Emergency Management

27. Greater Wellington’s improvements to the warning and response programme continues. We have completed validation training and this will be going live with new flood response procedures at the end of March.
28. The region has experienced further flood events (since the last report) including Ex Cyclone Dovi in mid-February. The flood warning system worked well, and we were able to provide valuable intelligence to the Hutt Emergency Operations Centres, as well as the wider regional response.

Floodplain Management Planning Guidelines Update

29. Flood Protection is working to update the guidelines used for floodplain management planning to consider changes in national direction, legislation and changing industry

practice. Work is continuing on the guidelines update and is being used to inform the initial stages of the Waiwhetu FMP project.

Flood Risk Management Digital Roadmap

- 30. Flood Protection is working with our ICT department to develop a digital roadmap that will provide us with an implementable strategy for data management, flood forecasting, and the other critical systems that underpin our ability to operate.

**Ngā hua ahumoni
Financial implications**

- 31. The above projects are within the current flood protection budgets in the 2021-31 Long Term Plan. The erosion sites funding is through the Crown Infrastructure Partners initiative. Part funding is required from Greater Wellington, and officers are bringing forward Long Term Plan funding to enable this.

**Ngā kaiwaitohu
Signatories**

Writer	Sharyn Westlake – Team Leader, Floodplain Management Plan Implementation
Approvers	Graeme Campbell – Manager, Flood Protection Wayne O’Donnell – General Manager, Catchment Management Group

<p>He whakarāpopoto i ngā huritaonga Summary of considerations</p>
<p><i>Fit with Council's roles or with Committee's terms of reference</i></p> <p>The Subcommittee's specific responsibilities include "reviewing periodically the effectiveness of implementation and delivery of Floodplain Management Plans for the Te Awa Kairangi/Hutt River floodplain."</p>
<p><i>Implications for Māori</i></p> <p>Ngāti Toa Rangitira and Taranaki Whānui ki Te Upoko o Te Ika are members of the RiverLink Project Management Board.</p> <p>Cultural liaison or co-design contracts have been signed by Te Rūnanga o Toa Rangitira Inc., Rangitāne ō Wairarapa Inc., and Ngati Kahungunu ki Wairarapa Charitable Trust for enhanced involvement and collaboration on programme work for the Climate Resilience Projects.</p>
<p><i>Contribution to Annual Plan / Long Term Plan / Other key strategies and policies</i></p> <p>The projects contained within this report deliver on Greater Wellington's strategic priority area of te tū pakari a te rohe/regional resilience, and support delivery of Greater Wellington's strategic priority area of te oranga o te wai māori me te rerenga rauropi/freshwater quality and biodiversity.</p>
<p><i>Internal consultation</i></p> <p>Specific projects consult with groups and departments across Greater Wellington where relevant to that project.</p>
<p><i>Risks and impacts - legal / health and safety etc.</i></p> <p>This report raises no risks.</p>