



greater WELLINGTON
REGIONAL COUNCIL
Te Pane Matua Taiao

If calling please ask for: Democratic Services

13 September 2018

Hutt Valley Flood Management Subcommittee

Order Paper for meeting to be held in the Council Chamber, Hutt City Council, 30 Laings Road, Lower Hutt on:

Tuesday, 18 September 2018 at 4.30pm

Membership of the Subcommittee

Wellington Regional Council

Cr Lamason (Chair)

Cr Laban (Deputy)

Cr Kedgley

Cr Laidlaw

Cr Ogden

Cr Swain

Hutt City Council

Mayor Wallace

Deputy Mayor Bassett

Cr Milne

Upper Hutt City Council

Mayor Guppy

Cr Swales

Cr Taylor

Kara Puketapu-Dentice

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

Hutt Valley Flood Management Subcommittee

Order Paper for meeting to be held on Tuesday, 18 September 2018 in the Council Chamber, Hutt City Council, 30 Laings Road, Lower Hutt at 4.30pm

Public Business

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| 2. Declarations of conflict of interest | | |
| 3. Public participation | | |
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RiverLink

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Te Pane Matua Taiao

Please note that these minutes remain unconfirmed until the Hutt Valley Flood Management Subcommittee meeting on 18 September 2018

Report 18.284
26/06/2018
File: CCAB-14-428

Minutes of the Hutt Valley Flood Management Subcommittee meeting held in the Council Chamber, Hutt City Council, 30 Laings Road, Lower Hutt on Tuesday, 26 June 2018 at 4:40pm

Present

Councillors Lamason (Chair), Laidlaw, and Swain (Greater Wellington Regional Council), Mayor Wallace, Deputy Mayor Bassett, and Councillor Milne (Hutt City Council), Councillors Swales and Taylor (Upper Hutt City Council); Kara Puketapu-Dentice (from 5:00pm).

Public Business

1 Apologies

Moved

(Cr Taylor/ Mayor Wallace)

That the Subcommittee accepts the apologies for absence from Councillors Laban and Kedgley, and Mayor Guppy.

The motion was **CARRIED**.

2 Declarations of conflict of interest

There were no declarations of conflict of interest.

3 Public Participation

Blake Dearsley and Jayne Roberts gave a presentation to the Subcommittee on item 6 on the agenda, *Projects Report*, in relation to the Pinehaven Stream Floodplain Management Plan.

4 **Confirmation of the minutes of 28 May 2018**

Moved

(Deputy Mayor Bassett/ Cr Taylor)

That the Subcommittee confirms the minutes of 28 May 2018, Report 18.214.

The motion was **CARRIED**.

5 **Action items from previous meetings**

Report 18.274

File ref: CCAB-14-425

Moved

(Cr Lamason/ Mayor Wallace)

That the Subcommittee:

1. *Receives the report.*
2. *Notes the content of the report.*

The motion was **CARRIED**.

General

6 **Projects Report**

Alistair Allan, Team Leader, Floodplain Management Plan Implementation, spoke to the report and gave the Subcommittee an update in relation to the Pinehaven Stream Floodplain Management Plan.

Kara Puketapu-Dentice delivered the revised mihi for inclusion in the Te Awa Kairangi/Hutt River Environmental Strategy Action Plan.

Report 18.251

File: CCAB-14-414

Moved

(Mayor Wallace/ Cr Taylor)

That the Subcommittee:

1. *Receives the report.*
2. *Notes the content of the report.*

The motion was **CARRIED**.

Noted: The Subcommittee requested officers report to the next meeting with further information for the Pinehaven Stream Floodplain Management Plan implementation and the link with the appeal to Upper Hutt City Council Plan Change 42.

Kara Puketapu-Dentice arrived at the meeting during discussion of item 6, at 5:00pm.

RiverLink

7 RiverLink - Preliminary Design

The Chair of the Subcommittee introduced the report and thanked officers of the councils for the work involved in getting the RiverLink project to this stage.

Alistair Allan, Team Leader, Floodplain Management Plan Implementation, spoke to the report.

The Subcommittee discussed and reiterated that the Melling Interchange is a very important part of the RiverLink project, noting that it is expected that a decision on that project will be made towards the end of 2018.

Report 18.250

File: CCAB-14-417

Moved

(Mayor Wallace/ Deputy Mayor Bassett)

That the Subcommittee:

1. *Receives the report.*
2. *Notes the content of the report.*
3. *Fully supports NZ Transport Agency completing its Detailed Business Case for the Melling Transport Improvements that form part of RiverLink in collaboration with Greater Wellington Regional Council and Hutt City Council, and the recommendation of its Detailed Business Case to the NZ Transport Agency board at the end of 2018.*
4. *Fully supports Hutt City Council in completing its preliminary design for the urban design, city infrastructure and local road components that form part of RiverLink, and approving its funding and programme in July 2018.*
5. *Recommends to Council, following consideration by the Environment Committee, that:*
 - a. *Approval be given to proceed with the detailed design and the obtaining of resource consents for the flood protection components and associated works contained within the RiverLink preliminary design, as outlined in the RiverLink Preliminary Design Summary Report and in section 3 of this report, jointly with GWRC's project partners, Hutt City Council and NZ Transport Agency.*
 - b. *Proceeding on the basis of the outline programme for implementing RiverLink including consenting and construction included in the RiverLink Preliminary Design Summary Report [Attachment 1].*
 - c. *Notes that programming is subject to decisions to be made by Greater Wellington Regional Council, Hutt City Council, and NZ Transport Agency,*

The motion was **CARRIED**.

Noted: Hutt City Council representatives on the Subcommittee advised that Hutt City Council has not made provision for moving the Melling Railway Station in their Long Term Plan.

Noted: The Subcommittee requested that officers arrange for a press release, following the meeting.

Noted: The Subcommittee noted confirmation that the programmed start date for the Mills Street section of the stopbank was 2021.

The meeting closed at 6:01pm.

Cr P Lamason
(Chair)

Date:



Report 18.410
Date 11 September 2018
File CCAB-14-441

Committee Hutt Valley Flood Management Subcommittee
Author Wayne O'Donnell, General Manager, Catchment Management

Action items from previous meetings

Attachment 1 lists items raised at Hutt Valley Flood Management Subcommittee meetings that require actions or follow-ups from officers. All action items include an outline of current status and a brief comment. Once the items have been completed and reported to the Subcommittee, they will be removed from the list.

No decision is being sought in this report. This report is for the Subcommittee's information only.

Recommendations

That the Subcommittee:

1. *Receives the report.*
2. *Notes the content of the report.*

Report approved by:

Wayne O'Donnell
General Manager, Catchment
Management

Attachment 1: Action items from previous meetings

Attachment 1 to Report 18.410

Action points from previous Hutt Valley Flood Management Subcommittee meetings

| Meeting date | Action point | Status and comment |
|---------------------|---|---|
| 26 June 2018 | <p>Noted:</p> <p><i>The Subcommittee requested officers report to the next meeting with further information for the Pinehaven Stream Floodplain Management Plan implementation and the link with the appeal to Upper Hutt City Council Plan Change 42.</i></p> | <p>Status: <i>Completed</i></p> <p>Comments:</p> <p>A verbal update has been arranged for the meeting on 18 September 2018.</p> |
| 26 June 2018 | <p>Noted:</p> <p><i>The Subcommittee requested that officers arrange for a press release, following the meeting regarding RiverLink preliminary design.</i></p> | <p>Status: <i>Completed</i></p> <p>Comments:</p> <p>Media coverage of the RiverLink project occurred following the meeting.</p> |



Report 2018.357
Date 11 September 2018
File CCAB-14-435

Committee Hutt Valley Flood Management Subcommittee
Author Alistair J N Allan, Floodplain Management Plan Implementation

Project Manager's report

1. Purpose

To update the Hutt Valley Flood Management Subcommittee (the Subcommittee) on progress made with general Hutt Valley Flood Management (HVFM) projects.

2. Background

Greater Wellington Regional Council (GWRC) has ongoing projects within the Hutt Valley and its wider catchment. Major projects are further detailed in separate reports. This report tracks and reports on progress of all projects, and provides references to major project reports.

The projects are included in or guided by the Hutt River Floodplain Management Plan 2001.

3. Wellington and Hutt Whaitua

A verbal update about progress with the Wellington and Hutt Whaitua will be provided at the meeting.

4. Hutt River Environmental Strategy

The final version of the Hutt River Environmental Strategy Action Plan has been completed, including the addition to the mihi. The addition reads:

Kei runga I ngā kōtihi mounga
Ko ngā puna wai mātao
E rere kau ana mai
Ki te awa kai I te rangi
Ka maringi mai ngā mahara kei roto I aku kamo
Ngā puna wai were e!

Atop the lofty mountains
The fresh, crisp, bubbling waters flow

To the river that feasts on the heavens
And as I reminisce my flowing tears remember!

The updated document has been scheduled for printing and will be distributed to Council offices and libraries when the printing is complete.

5. Pinehaven Floodplain Management

5.1 Plan Change 42

A verbal update regarding Plan Change 42 will be provided at the meeting.

6. Gibbons Street Erosion adjacent to State Highway 2

A rockline of 205 metres length will be constructed, including a new 125 metre section of riverbank edge and river trail, which was washed out. Also, an existing 80-metre length of rockline will be reconstructed to the Te Awa Kairangi/Hutt River design channel alignment with graded rock rip-rap. The supply, delivery and placement of 3,500 tonne of rock rip-rap shall commence in October with completion in early December 2018.

7. Avalon Dog Club Erosion Protection

Native tree planting (plus poplar trees) at Avalon Dog Club Erosion protection site has been completed in conjunction with Wai Ora Montessori School Extension.

8. Consideration of Climate Change

The matters addressed in this report have been considered by officers in accordance with the process set out in the GWRC Climate Change Consideration Guide.

8.1 Mitigation assessment

Mitigation assessments are concerned with the effect of the matter on the climate (i.e. the greenhouse gas emissions generated or removed from the atmosphere as a consequence of the matter) and the actions taken to reduce, neutralise or enhance that effect.

HVFM projects are subject to GWRC's initiatives designed to minimise greenhouse gas emissions and enhance sequestration capacity where possible. These include the proposed Code of Practice (which guides all river management activities undertaken by GWRC for the purposes of flood and erosion protection across the Wellington Region), the GWRC corporate sustainability programme, and GWRC's procurement process and will encourage suppliers and contractors to minimise emissions.

8.2 Adaptation assessment

Adaptation assessments relate to the impacts of climate change (e.g. sea level rise or an increase in extreme weather events), and the actions taken to address or avoid those impacts.

GWRC plans for climate change in assessing the degree of future flood hazard and in determining an appropriate response GWRC applies the following

allowances for climate change predicted to occur over the next 100 years in the design criteria for flood hazard investigations:

- Increases in rainfall intensity – 20%
- Sea level rise – 0.8m

9. The decision-making process and significance

No decision is being sought in this report.

9.1 Engagement

Engagement on this matter is unnecessary.

10. Recommendations

That the Subcommittee:

- 1. Receives the report.*
- 2. Notes the content of the report.*

Report prepared by:

Alistair J N Allan
Team Leader, FMP
Implementation

Report approved by:

Graeme Campbell
Manager, Flood Protection

Report approved by:

Wayne O'Donnell
General Manager, Catchment
Management



Report 18.395
Date 11 September 2018
File CCAB-14-440

Committee Hutt Valley Flood Management Subcommittee
Author Colin Munn, Team Leader, Operations, Delivery and Planning

Flood Protection Annual Asset Condition Report 2018 – Hutt Valley and Wainuiomata Catchments

1. Purpose

To advise the Hutt Valley Flood Management Subcommittee (the Subcommittee) of progress made with the Flood Protection Department's (the Department) asset management system and the overall physical condition of the flood protection infrastructural assets within the Hutt and Wainuiomata Catchments.

2. Background

The Department is responsible for a variety of assets including infrastructure, land and property located on 15 river schemes across the Region. These assets have a total combined value of \$386.3 million¹ and provide flood protection to the communities located on these floodplains and infrastructure supporting the whole Region. The value of the flood protection assets in the Hutt Valley and Wainuiomata Catchments as at 30 June 2017 was \$100.8 million.

The Department has established a comprehensive asset management system, which demonstrates that the service level of our infrastructural assets is being maintained in an efficient and cost-effective manner, will perform as designed and where required, are being enhanced.

The Environment Committee has overall responsibility to monitor the maintenance and improvement of these assets on behalf of the Council. The Committee relies on feedback from the various Subcommittees, Scheme Advisory committees and Friends Groups to confirm flood protection assets are being satisfactorily maintained to the agreed service level.

¹ As at June 2017

3. 2018 Asset Condition

Asset condition is a measure of the physical state of the asset and is visually assessed by staff on an annual basis. Consistency between assessors is achieved through the application of guidance documents. Asset condition does not identify the criticality of the asset, or whether the asset meets a service level or design standard; this is determined through other measures and critical assets are explained in section 3.2.

Monitoring asset condition enables us to predict and plan maintenance, forecast renewal requirements and develop effective, proactive work programmes. Asset condition is essential to managing flood risk, because it influences the likelihood of asset failure during a flood event.

3.1 Hutt Valley and Wainuiomata Asset Condition Summary

In general, the condition of flood protection assets in the Hutt and Wainuiomata Catchments are being maintained and the number of assets that are rated in very good (1) to moderate (3) condition has remained high from year to year as shown in Figure 1, below.

| Year | 2016 | | 2017 | | 2018 | |
|-------------------------------|-------------|-------------|------------|-------------|-------------|-------------|
| Asset Condition Rating Scores | Ratio | Count | Ratio | Count | Ratio | Count |
| 1 - V. Good | 83% | 378 | 93% | 588 | 92% | 481 |
| 2 - Good | | 935 | | 939 | | 1085 |
| 3 - Moderate | | 459 | | 442 | | 362 |
| 4 - Poor | 17% | 306 | 7% | 122 | 8% | 130 |
| 5 - V. Poor | | 44 | | 20 | | 46 |
| Totals | 100% | 2122 | 100 | 2111 | 100% | 2104 |

Figure 1: Comparison of asset condition by year

The 2018 condition of flood protection assets is generally very good. 92% are rated 1 to 3, with only 8% in a poor to very poor condition. The information for 2018 is shown in a pie graph in Figure 2, below.

Planned maintenance work has lifted some past condition ratings whilst, floods and other factors have reduced the condition of other assets. Small comparative condition changes from 2017 to 2018 are generally attributed to the asset condition of debris fences and willow buffers. The condition of some willows areas has deteriorated due to aphid damage. Some other willow buffers are recorded with scrub and natives taking over or inter-planted poplar trees. Other areas have been recently planted with willow trees. However, we score new plantings in low condition during early stages. Then, as they grow those willow buffers will receive a higher condition rating and will provide increased flood protection.

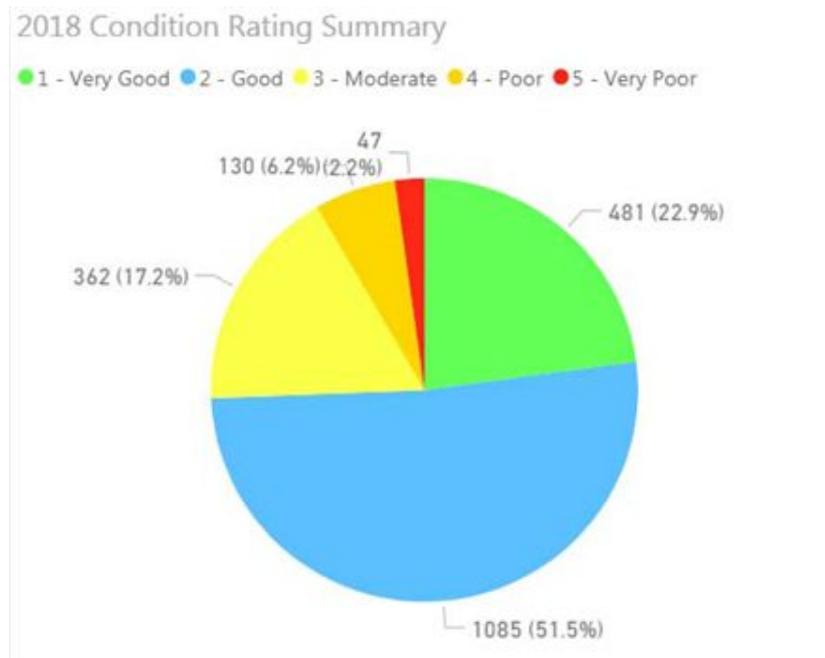


Figure 2: 2018 Pie Graph of Asset Condition

To give the Subcommittee a sense of the asset profile and condition, a breakdown of asset condition by asset type is shown in Figure 3, below.

| Asset Type | 1 – V.Good | 2 – Good | 3 – Moderate | 4 – Poor | 5 – V.Poor | Total |
|--------------------|------------|-------------|--------------|------------|------------|-------------|
| BLOCKLINE | 3 | 7 | 4 | 2 | 1 | 17 |
| BRIDGE | | 1 | | | | 1 |
| CHANNEL | 102 | 274 | 37 | 1 | | 414 |
| CULVERT | 3 | 12 | 4 | | | 19 |
| DEBRIS ARRESTOR | 1 | 3 | 1 | 1 | 2 | 8 |
| DEBRIS FENCE | | 64 | 67 | 52 | 26 | 209 |
| DEMOLITION LINE | | 2 | 7 | 2 | | 11 |
| DRAIN | 8 | 53 | 10 | 1 | | 72 |
| FENCE | 1 | | | | | 1 |
| FENCE RAIL NETTING | | 8 | 12 | | 1 | 21 |
| FLOODGATE | 13 | 5 | | | | 18 |
| FLOODWALL | 21 | 1 | | 1 | | 23 |
| ROCK MATTRESS | | 5 | 1 | | | 6 |
| GROYNE | 5 | 88 | 17 | 1 | 3 | 114 |
| NATIVE PLANTING | 1 | 38 | 34 | 2 | | 75 |
| RIPRAP | 27 | 136 | 9 | | | 172 |
| SEAT | 6 | 4 | 1 | | | 11 |
| STOPBANK | 133 | 112 | 11 | | | 256 |
| TRACK | 149 | 166 | 21 | 2 | | 338 |
| TRAINING BANK | | 11 | 1 | | | 12 |
| WEIR | | 1 | | | | 1 |
| WILLOW | 6 | 92 | 125 | 65 | 13 | 301 |
| WINGWALL | 2 | 2 | | | | 4 |
| Grand Total | 481 | 1085 | 362 | 130 | 46 | 2104 |

Figure 3: Hutt Valley and Wainuiomata Asset condition by type

3.2 Critical Assets

Critical assets are selected based on the flooding consequence of an asset failure during a design flood event. Critical assets in poor or very poor condition are prioritised for operational maintenance to ensure GWRC is adequately managing flood risk. One of our asset management improvements currently underway is a project to apply a code of practice to assess asset performance. The Asset Performance Tool is being applied to all our major river schemes and it will refine and prioritise flood protection investment decisions.

| Cond. Rating Score - Asset Type | 1 – V. Good | 2 – Good | 3 – Moderate | 4 – Poor | 5 – V. Poor | Totals |
|---------------------------------------|----------------|-------------|-----------------|-------------|----------------|------------|
| Floodgate | 13 | 4 | | | | 17 |
| Floodwall | 15 | 1 | | | | 16 |
| Stopbank | 133 | 112 | 11 | | | 256 |
| Totals | 161 | 117 | 11 | | | 289 |

Figure 4: Critical asset condition by type

The condition of all the critical assets is moderate to very good, with no assets in poor condition.

Figure 4 shows there are 11 stopbanks in moderate condition which relates mostly to minor vegetation growing on some stopbanks and one with some vehicle rutting on the stopbank crest. These issues are not urgent, as the risk of asset failure during a design flood event is very low.



Right: Manor Park Golf Course Stopbank.

Left: Moera Stopbank

Figure 5: Examples of moderate condition stopbank assets with vegetation.

3.3 Other Assets

Other asset types showing lower ratings include bank edge protection works, debris fences and amenity assets. Many of these areas have been damaged by recent flood events and repairs are ongoing. We have planned 2018/19 asset maintenance work to improve asset condition.

Amenity assets have also been added to the asset register in recent years. Assets such as trails and native planting areas are also vulnerable to flood damage and to vandalism.

4. Flood Damage Reserves

Maintenance budgets, together with the scheme flood damage reserves, are sufficient to ensure that flood protection assets can continue to be maintained to the required service level. A summary of river flood damage scheme reserves is detailed in Figure 6, below. While minor damage was incurred during recent flood events, these repairs were funded from maintenance budgets without calling on contingency funds.

| Scheme | June 2018 | | |
|--|------------------|---------------------------------|-------------------|
| | Scheme Reserve | Major Flood Investment Reserves | Total Reserves |
| Eastern River Total | 3,579,775 | 1,588,429 | 5,168,204 |
| Western Rivers Total | 2,667,270 | 1,588,428 | 4,255,698 |
| Sub Total of River Schemes Reserves | 6,247,045 | 3,176,857 | 9,423,902 |
| GW Flood Contingency Reserve | 2,531,837 | 0 | 2,531,837 |
| GW Major Flood Investment | 0 | 3,176,857 | 3,176,857 |
| Total River Schemes Reserves | 8,778,883 | 6,353,714 | 15,132,597 |

Figure 6: Scheme reserves to June 2018

5. Satisfactory maintenance of our assets

The Subcommittee can be confident that the flood protection assets are being maintained to deliver their required level of service. This is demonstrated by:

- The annual condition assessment process, which shows that the majority of our assets are in very good to moderate condition and have been maintained or improved over the year
- Sufficient financial provision has been made available through the maintenance budgets and scheme flood damage reserves to ensure completion of the maintenance programmes.

6. Consideration of Climate Change

The matters requiring decision in this report have been considered by officers in accordance with the process set out in the GWRC Climate Change Consideration Guide.

6.1 Mitigation assessment

Mitigation assessments are concerned with the effect of the matter on the climate (i.e. the greenhouse gas emissions generated or removed from the atmosphere as a consequence of the matter) and the actions taken to reduce, neutralise or enhance that effect.

The effect of any further works associated with the assets discussed in this report, and commissioned by GWRC, are subject to GWRC's corporate sustainability policy and/or procurement process, the latter of which is undergoing review and will encourage suppliers and contractors to minimise emissions.

6.2 Adaptation assessment

Adaptation assessments relate to the impacts of climate change (e.g. sea level rise or an increase in extreme weather events), and the actions taken to address or avoid those impacts.

Officers have considered the impacts of climate change in relation to the matter. The assets discussed in this report were developed over an extensive period of time, during which climate change projections (e.g. rainfall intensity, sea level rise etc.) have evolved with the scientific community's understanding of how climate change will affect the Wellington Region. Climate change projections were incorporated into the modelling that underpins relevant management plans and asset designs at the time they were developed.

7. The decision making process and significance

The matters requiring decision in this report have been considered by officers against the requirements of Part 6 of the Local Government Act 2002.

7.1 Significance of the decision

Officers have considered the significance of the matter, taking into account the Council's significance and engagement policy and decision-making guidelines. Due to the procedural nature of this decision officers recommend that the matter be considered to have low significance.

Officers do not consider that a formal record outlining consideration of the decision-making process is required in this instance

7.2 Engagement

Engagement on the matters contained in this report aligns with the level of significance assessed. In accordance with the significance and engagement policy, no engagement on the matters for decision is required.

8. Recommendations

That the Subcommittee:

- 1. Receives the report.*
- 2. Notes the content of the report.*

3. *Notes the advice from officers that the assets on the Te Awa Kairangi/Hutt River, Waiwhetu Stream, and Wainuiomata River have been satisfactorily maintained.*

Report prepared by:

Colin Munn
Team Leader, Operations,
Delivery and Planning

Report approved by:

Graeme Campbell
Manager, Flood Protection

Report approved by:

Wayne O'Donnell
General Manager, Catchment
Management



Report 2018.358
Date 17 August 2018
File CCAB-14-436

Committee Hutt Valley Flood Management Subcommittee
Author Alistair J N Allan, Team Leader, Floodplain Management Plan Implementation

RiverLink Project Manager's Report

1. Purpose

To update the Hutt Valley Flood Management Subcommittee (the Subcommittee) on progress made with the RiverLink Project.

2. Background

RiverLink extends from Kennedy Good Bridge to Ewen Bridge, and aims to provide better flood protection, transport and lifestyle for central Hutt. The Project completed its Preliminary Design Phase in June 2018. The project is preparing for Detail Design and Statutory Approvals Phase.

3. Financial Summary

| Item | Current Allocated Budget \$M | Current Estimated Forecast \$M | Variance \$M | Notes |
|---------------------------|------------------------------|--------------------------------|--------------|---|
| Flood Protection Property | \$82 | \$76 | \$6 | Figures exclude potential residual property value of \$15M Property acquisition is currently in progress. 68 properties have been fully acquired, and a further 18 are in various stages of negotiation. |
| Urban Design Property | \$7 | \$7 | 0 | Figures exclude residual property value of \$3M Property acquisition is currently in progress |
| Flood Protection upgrades | \$43 | \$43 | \$0 | Includes river channel, edge protection, and stopbanks. Includes allowance of \$5M for design, consent and delivery |
| River ecology and amenity | \$2 | \$3 | (\$1) | Includes instream and riparian ecology, habitat and biodiversity |

| | | | | |
|--------------------------------|----------------|----------------|----------|---|
| Urban Design Upgrades | \$26.3 | \$28.6 | (\$2.3) | Making Places Components and Promenade |
| Pedestrian Cycle Bridge | \$6.5 | \$7 | (\$0.5) | Design and length will influence final cost |
| Stormwater | \$2.1 | \$6 | (\$3.9) | Includes wetland treatment infrastructure |
| Sub-total | \$168.9 | \$170.6 | | |
| New Melling Bridge | \$6.5 | \$34 | (\$27.5) | Any NZTA contribution is subject to completion of DBC and subsequent board decision |
| Melling Transport Improvements | \$TBC | \$TBC | | Any NZTA contribution is subject to completion of DBC and subsequent board decision |
| Melling Station Relocation | TBC | \$23 | (\$23) | Any NZTA contribution is subject to completion of DBC and subsequent board decision |

4. Statutory Approvals

Work has commenced to prepare scope of professional services required to obtain the necessary statutory approvals for the RiverLink project. The process being developed aims to enable NZ Transport Agency to be a part of this process if the Melling Transport Improvements project is successful during the NZ Transport Agency revaluation process.

5. Engagement

5.1 Hutt City Council Highlight Festival

Hutt City Council (HCC) and Greater Wellington Regional Council (GWRC) are partnering to bring RiverLink to the Highlight Festival in October 2018. Highlight is a well-attended and highly successful community event hosted by HCC. This year's installation will endeavour to capture the spirit of the river, Te Awa Kairangi, and the connection of people to nature.

5.2 Summer Events Programme

The GWRC co-ordinated summer events programme planning has commenced; RiverLink aims to run a number of events to connect people with the river and create conversations about the use of the riverbank spaces.

6. Belmont Wetland trial

A design developed between GWRC, HCC and Port Nicholson Block Settlement Trust for the construction of a stormwater treatment wetland adjacent to Belmont School has been completed. Construction will commence as soon as a maintenance agreement has been completed between GWRC and Wellington Water.

7. Consideration of climate change

The matters addressed in this report have been considered by officers in accordance with the process set out in the GWRC Climate Change Consideration Guide.

7.1 Mitigation assessment

Mitigation assessments are concerned with the effect of the matter on the climate (i.e. the greenhouse gas emissions generated or removed from the atmosphere as a consequence of the matter) and the actions taken to reduce, neutralise or enhance that effect.

The GWRC components of the RiverLink Project are subject to GWRC'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 GWRC's mitigation objectives once we have entered that stage of the design process. The current basis that will be referred to for this includes the proposed Code of Practice (which guides all river management activities undertaken by GWRC for the purposes of flood and erosion protection across the Wellington Region), the GWRC corporate sustainability programme and GWRC's procurement process and will encourage suppliers and contractors to minimise emissions.

7.2 Adaptation assessment

Adaptation assessments relate to the impacts of climate change (e.g. sea level rise or an increase in extreme weather events), and the actions taken to address or avoid those impacts.

The design development for RiverLink acknowledges the need to adapt to a changing climate and aims to address these predicted impacts. GWRC has included allowances for climate change impacts and these are being finalised for the purposes of completing RiverLink Preliminary Design.

8. The decision-making process and significance

No decision is being sought in this report.

8.1 Engagement

Engagement on this matter is unnecessary.

9. Recommendations

That the Subcommittee:

- 1. Receives the report.*
- 2. Notes the content of the report.*

Report prepared by:

Alistair J N Allan
Team Leader, Floodplain
Management Plan
Implementation

Report approved by:

Graeme Campbell
Manager, Flood Protection

Report approved by:

Wayne O'Donnell
General Manager, Catchment
Management