



**greater WELLINGTON**  
**REGIONAL COUNCIL**  
**Te Pane Matua Taiao**

If calling please ask for: Democratic Services

25 October 2018

## **Hutt Valley Flood Management Subcommittee**

Order Paper for meeting to be held in the Council Chamber, Upper Hutt City Council, 838-842 Fergusson Drive, Upper Hutt on:

**Tuesday, 30 October 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, 30 October 2018 in the Council Chamber, Upper Hutt City Council, 838-842 Fergusson Drive, Upper Hutt at 4.30pm

### Public Business

		Page No
1. Apologies		
2. Declarations of conflict of interest		
3. Public participation		
4. <a href="#">Confirmation of the minutes of 18 September 2018</a>	<b>Report 18.418</b>	<b>3</b>

### General

5. <a href="#">Project Manager's Report</a>	<b>Report 18.493</b>	<b>7</b>
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### RiverLink

6. <a href="#">RiverLink Project Manager's Report</a>	<b>Report 18.494</b>	<b>11</b>
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**Please note that these minutes remain unconfirmed until the Hutt Valley Flood Management Subcommittee meeting on 30 October 2018**

**Report 18.418**

18/09/2018

File: CCAB-14-445

**Minutes of the Hutt Valley Flood Management Subcommittee meeting held in the Council Chamber, Hutt City Council, 30 Laings Road, Lower Hutt on Tuesday, 18 September 2018 at 4:31pm**

**Present**

Councillors Lamason (Chair), Laban, Ogden, and Swain (Greater Wellington Regional Council), Mayor Wallace and Councillor Milne (Hutt City Council), Mayor Guppy, and Councillors Swales and Taylor (Upper Hutt City Council); Kara Puketapu-Dentice.

**Public Business**

**1 Apologies**

*Moved*

*(Cr Taylor/ Cr Milne)*

*That the Subcommittee accepts the apologies for absence from Deputy Mayor Bassett and Councillor Kedgley.*

The motion was **CARRIED**.

**2 Declarations of conflict of interest**

There were no declarations of conflict of interest.

**3 Public Participation**

There was no public participation.

4 **Confirmation of the minutes of 26 June 2018**

*Moved*

*(Cr Swales/ Cr Taylor)*

*That the Subcommittee confirms the minutes of 26 June 2018, Report 18.284.*

The motion was **CARRIED**.

5 **Action items from previous meetings**

**Report 18.410**

File ref: CCAB-14-441

*Moved*

*(Cr Taylor/ Mayor Wallace)*

*That the Subcommittee:*

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

The motion was **CARRIED**.

## **General**

6 **Project Managers' Report**

Alistair Allan, Team Leader, Floodplain Management Plan Implementation, spoke to the report and introduced Tim Sharp, Programme Manager, Whaitua, to the Subcommittee.

Tim Sharp updated the Subcommittee on the establishment of the Hutt Valley-Wellington Whaitua Committee. Applications for community membership closed on 4 September 2018 and 39 applications were received. Tim Sharp advised that it is expected that recommendations of membership will go to Greater Wellington Regional Council's meeting on 31 October 2018.

Genevieve Drake, Communications Advisor, Wellington Water, gave a presentation updating the Subcommittee in relation to community engagement for Pinehaven Stream improvements, noting the high percentage of property owners taking the opportunity to meet and discuss the project. Genevieve Drake gave an outline of the works included within the scope of the project, and acknowledged the commencement of riparian planting at Pinehaven Reserve.

**Report 18.357**

File: CCAB-14-435

*Moved*

*(Cr Swales/ Cr Taylor)*

*That the Subcommittee:*

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

The motion was **CARRIED**.

7 **Flood Protection Annual Asset Condition Report 2018 - Hutt Valley and Wainuiomata Catchments**

Colin Munn, Team Leader, Operations, Delivery and Planning, spoke to the report, and introduced George Bowman, Project Engineer, Operations Planning, to the Subcommittee.

George Bowman gave a presentation on Flood Protection Asset Performance Assessment Code of Practice and Tool, explaining the framework used to assess Flood Protection assets on Te Awa Kairangi/Hutt River, including how risk, probability, and consequence interact to give a final assessment.

**Report 18.395**

File: CCAB-14-440

*Moved*

*(Cr Taylor/ Mayor Wallace)*

*That the Subcommittee:*

1. *Receives the report.*
2. *Notes the content of the report.*
3. *Notes the advice from officers that assets on the Te Awa Kairangi/Hutt River, Waiwhetu Stream, and Wainuiomata River have been assessed and that identified issues are satisfactorily being addressed through maintenance programmes and monitored.*

The motion was **CARRIED**.

**Noted:** The Subcommittee requested officers identify improved assessment condition rating scores and report trends in the 2019 Annual Asset Condition report.

## **RiverLink**

8 **RiverLink Project Manager's Report**

Alistair Allan, Team Leader, Floodplain Management Plan Implementation, spoke to the report and confirmed the dates for the Hutt City Council Highlight Festival, being 19-22 October 2018. Alistair Allan confirmed that the RiverLink beach container would be onsite during the Festival, to promote discussion around urban development and to keep the community up-to-date with the project.

The Subcommittee discussed the Melling transport improvement project and the significance of NZ Transport Agency replacing the Melling Bridge will have to reduce flood risk to Hutt City.

**Report 18.358**

File: CCAB-14-436

*Moved*

*(Cr Ogden/ Mayor Guppy)*

*That the Subcommittee:*

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

The motion was **CARRIED**.

The meeting closed at 6:07pm.

Cr P Lamason  
(Chair)

Date:



<b>Report</b>	<b>2018.493</b>
Date	19 October 2018
File	CCAB-14-474
<b>Committee</b>	<b>Hutt Valley Flood Management Subcommittee</b>
<b>Author</b>	<b>Alistair J N Allan, Senior Projects Engineer</b>

## 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. Te Whanganui-a-Tara Whaitua

Membership of the Whaitua Te Whanganui-a-Tara Committee will be confirmed at GWRC's Council meeting on 31 October 2018. 43 community applications were received for eight committee positions.

Applicant interviews were completed by a panel of councillors from GWRC, Hutt City Council, Wellington City Council, and the Mayor of Upper Hutt City Council. The panel has recommended eight candidates to Council, once Council has completed the appointment process the membership of the committee can be confirmed.

The first Whaitua Te Whanganui-a-Tara Committee meeting is planned to be held in early December 2018.

### 4. Hutt River Environmental Strategy

The Hutt River Environmental Strategy has been added to GWRC's publication library and hard copies of the final document are being printed.

Hardcopies will be sent to Upper Hutt City Council and Hutt City Council offices for distribution to community facilities operated by the councils.

Work has commenced to produce a short form 'pocket' version of the Hutt River Environmental Strategy.

## **5. Gibbons Street Erosion adjacent to State Highway 2**

Erosion adjacent to State Highway 2, near the intersection with Gibbons Street, which has shut the heavy truck bypass route and narrowed the Hutt River Trail will be repaired during the summer. A rockline 205 metres in length will be constructed, partly replacing existing upstream erosion protection that currently protrudes into the river design channel. The work includes a reinstatement of a 125 metre section of riverbank edge and river trail washed out by flood damage. Rock delivery to the site has commenced, and will continue into December 2018.

The work will be carried out under existing river management consents. However, it will also be used to test the new code of practice that forms the basis of the new river management consents we have applied for.

A site visit to look at this erosion has been organised for members of the Subcommittee which will follow the meeting.

## **6. River and Lidar Survey**

Preparation has commenced to complete the next river bed level survey and Lidar Survey. This is scheduled for January 2019. The information collected is used for management of river bed levels and informs hydraulic modelling and design work along the length of the river.

## **7. Waiwhetu Stream**

### **7.1 Friends of Waiwhetu Stream AGM**

The Friends of Waiwhetu Stream are scheduled to hold their Annual General Meeting at 7:30pm on 29 October 2018, at the Pelorus Trust Sportshouse, Hutt Park Road, Seaview.

The meeting includes election of members of the Friends of the Waiwhetu Committee, a report on the achievements of the Friends Group during the past year, followed by guest speakers talking regarding the themes of Citizen Science, including the work carried out by the citizen scientists working along the Waiwhetu Stream.

## **8. Pinehaven Floodplain Management**

### **8.1 Plan Change 42**

A verbal update regarding Plan Change 42 will be provided at the meeting. The Plan Change is currently working to Environment Court timeframes and is dependent on the outcomes of that process



## **9. 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.

### **9.1 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.

### **9.2 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

## **10. The decision-making process and significance**

No decision is being sought in this report.

### **10.1 Engagement**

Engagement on this matter is unnecessary.

## **11. 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** 2018.494  
**Date** 24 October 2018  
**File** CCAB-14-475

**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 RiverLink Project (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. 69 properties have been fully acquired, and a further 17 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 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
<b>Sub-total</b>	<b>\$168.9</b>	<b>\$170.6</b>		
New Melling Bridge	\$6.5	\$34	(\$27.5)	No allowance at this stage for any NZTA contribution which is subject to completion of DBC and subsequent board decision
Melling Transport Improvements	\$TBC	\$TBC		NZTA contribution is subject to completion of DBC and subsequent board decision
Melling Station Relocation	TBC	\$23	(\$23)	Currently unfunded. Contributions are subject to completion of DBC and subsequent board decision and other detailed design work.

#### 4. Governance and management structure

A review of the current governance and management structure is being completed by officers. This review looks into the future governance and management needs and will recommend a governance and management structure for the completion of the detail design and statutory approvals phase. This review will also consider options for the delivery phase of the project but no recommendation will be made in regard to the delivery phase requirements.

#### 5. Geotechnical investigation

Geotechnical investigation commencement continues to be delayed while methodology details are resolved. At this stage these delays do not impact the overall delivery programme for the Project.

#### 6. Statutory approvals

Work continues, preparing for engagement of professional services required to obtain the necessary statutory approvals for the Project. The process will 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.

## **7. Engagement**

### **7.1 Highlight Festival – Spirit of the River**

Hutt City Council (HCC) and Greater Wellington Regional Council (GWRC) partnered to bring RiverLink to the Highlight Festival in October 2018. The Highlight Festival ran for its second year and was extremely well-attended by people from across the Wellington Region.

The RiverLink container was setup this year to stimulate a dialogue about both the urban development opportunities created by RiverLink and the impacts on water quality that are created by urban development.

The display was managed by staff from the RiverLink (HCC and GWRC) and Whaitua project teams.

A survey of perceptions of RiverLink was carried out at the event and findings of this will be reported to the Subcommittee when available.





## 7.2 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 Te Awa Kairangi/Hutt River and create conversations about the use of the riverbank spaces.

The riverbank beach will have additional constructive play elements added, which reflect feedback received during last summer's events programme.

## 8. 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.

## 9. 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.

### 9.1 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.

## 9.2 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.

## 10. The decision-making process and significance

No decision is being sought in this report.

### 10.1 Engagement

Engagement on this matter is unnecessary.

## 11. 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

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Manager, Flood Protection

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