

Committee Members

Chair: Frank Dooley
Cr Andy Campbell
Cr Brett Cummings

Cr Peter Haddock
Cr Peter Ewen
Cr Mark McIntyre

Representative Te Rūnanga o
Ngāti Waewae
Representative Te Rūnanga o
Makaawhio



WEST COAST
REGIONAL COUNCIL

PUBLIC COPY

Meeting of Operations Committee
(Te Huinga Tu)

Tuesday, 22 October 2024

**Following the completion of the
Corporate Services Committee Meeting**

**West Coast Regional Council Chambers, 388 Main South Road,
Greymouth**

and

Live Streamed via Council's Facebook Page:

<https://www.facebook.com/WestCoastRegionalCouncil>

Operations Committee Meeting

(Te Huinga Tu)

AGENDA

(Rarangi Take)

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1. Welcome (<i>Haere mai</i>)	
2. Apologies (<i>Ngā Pa Pouri</i>)	
3. Declarations of Interest	
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10. General Business

PUBLIC EXCLUDED BUSINESS

11. Confirmation of Public Excluded Minutes

- 11.1** Minutes of Infrastructure Governance Committee Meeting 10 September 2024
Matters arising

12. Actions List

13. IGC Reports

- 13.1** Franz Josef IGC Project Status Report September 2024 - Financial Public Excluded
*13.1.1 September 2024 WCRC IGC Project Status Report
- Franz Josef - Financial Public Excluded*

13.2 Greymouth IGC Project Status Report August 2024 -
Financial Public Excluded

13.2.1 *September 2024 WCRC IGC Project Status Report
- Greymouth - Financial Public Excluded*

13.3 Hokitika IGC Project Status Report August 2024 -
Financial Public Excluded

13.3.1 *September 2024 WCRC IGC Project Status Report
- Hokitika - Financial Public Excluded*

D. Lew
Chief Executive

Purpose of Local Government

The reports contained in this agenda address the requirements of the Local Government Act 2002 in relation to decision making. Unless otherwise stated, the recommended option promotes the social, economic, environmental, and cultural well-being of communities in the present and for the future.

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5 Minutes of Infrastructure Governance Committee Meeting 10 September 2024

Author Sarah Tripathi, Governance Advisor

Authorizer

Public Excluded No

Report Purpose

The purpose of this report is to receive the minutes of the Infrastructure Governance Committee meeting of 10 September 2024.

Recommendations

It is recommended that Council resolves to:

1. *Confirm that the minutes of the Infrastructure Governance Committee meeting held on 10 September 2024 are a true and correct record.*

Attachments

Attachment 1: Minutes of the Infrastructure Governance Committee meeting held on 10 September 2024.

WEST COAST REGIONAL COUNCIL
MINUTES OF THE INFRASTRUCTURE GOVERNANCE COMMITTEE MEETING HELD ON
10 SEPTEMBER 2024 AT THE OFFICES OF THE WEST COAST REGIONAL COUNCIL
388 MAIN SOUTH ROAD, GREYMOUTH COMMENCING AT 2.49PM

PRESENT: F. Dooley (Chair), P. Haddock, P. Ewen, A. Campbell, B. Cummings, M. McIntyre

IN ATTENDANCE: D. Lew (Chief Executive), J. Field (Group Manager Office of the Chief Executive (via Zoom)), A. Pendergrast (Acting Corporate Services Manager (via Zoom)), R. Kemper (Group Manager – Council Business Unit), S. Morgan (Group Manager – Environment & Science), T. Hopkins (Group Manager – Catchment Management), P. Blackwood (Chief Engineer), S. Tripathi (Governance Advisor), S Hoare (Inovo Programme Manager (via Zoom))

1. Welcome (*Haere mai*)

The Chair opened the meeting and welcomed everyone.

2. Apologies (*Ngā Pa Pouri*)

The Chair called for apologies. There were none.

3. Declarations of Interest

The Chair called for any declarations of interest.

Cr Haddock declared interest relating to Franz Josef and Greymouth. Cr Campbell declared interest relating to Wanganui.

4. Public Forum, Petitions and Deputations (*He Huinga tuku korero*)

There were no public forums or deputations.

5. Confirmation of Minutes

5.1 Minutes of Infrastructure Governance Committee Meeting 6 August 2024

The Chair called for any corrections to the minutes 6 August 2024 meeting. A minor amendment was noted regarding the spelling of “Whataroa” on pg 3 of the minutes.

Moved (Cummings/ Campbell) *that, with the noted corrections made, the minutes of 6 August 2024, be accepted as a true and accurate record.*

Carried

Matters Arising

There were none.

6. Actions List

The actions list was reviewed, and the following updates were noted.

- Item 1 – Ongoing.
- Item 2 – Ongoing.
- Item 3 – Ongoing.
- Item 4 – Ongoing. The committee agreed to defer this item until November, allowing time for the staff to report on the outcome of the Te Uru Kahika River Manager Wellington meeting and propose a potential timetable at the next month's meeting.
- Item 5 – Ongoing.
- Item 6 – Completed. To be deleted.
- Item 7 – Completed. To be deleted.
- Item 8 – Completed. To be deleted.
- Item 9 – Ongoing.
- Item 10 – Completed. To be deleted.

Moved (Haddock/ Ewen) *that the Committee receives the Actions List for information.*

Carried

7. Chairs Report

The Chair acknowledged progress in various programmes, particularly within the Rating Districts. He expressed anticipation in discussing the projects with P. Blackwood. The Chair extended his appreciation to the team for their efforts.

Moved (Cummings/ Haddock) *that the Chair's Report be received.*

Carried

8. Reports

8.1 Monthly Catchment Management Report

T Hopkins presented the monthly catchment report, highlighting three key points of progress –

- Progress Updates: Business as usual, asset management for rating districts, and capital projects are advancing well.
- Weather Impact: Heavy rainfall in August and September kept the team busy; proactive repairs were made on the Mokihinui, Wanganui and Waiho schemes, with a full report next month.
- Franz Joint Committee (29 August): Actions from previous meetings were addressed, and the community was updated on the council's Regional Infrastructure Fund application. Some legacy issues remained.

It was noted that the meeting discussed the government's funding offer for Stage 2 of the project, highlighting the significant work ahead and the urgency of starting the consultative process. Suggestion was to coordinate with the CE to include this as a specific item in the council's reporting cycle.

The Councillors emphasized the need for accurate and timely meeting minutes and clear financial reporting, acknowledging recent improvements but identifying areas for further progress. They highlighted the importance of reconciling information between the finance and infrastructure teams for effective communication with rating district leaders.

The complexities of the Westport flood mitigation project were discussed, with P Blackwood updating on key areas such as Cats Creek, resource consent for the McKenna's stop bank, and upstream work on the Buller River, as well as ongoing assessments for the Floating Lagoon area and Carter's Beach.

The Committee also requested more frequent updates from the Resilient Westport Steering Group, specifically draft minutes between meetings to keep councillors informed of developments.

Moved (McIntyre/ Campbell) *that the Committee resolves to receive the report.*
Carried

9. IGC Projects

9.1 Franz Josef IGC Project Status Report August 2024

Cr Haddock declared interest in this agenda item.

S Hoare spoke to the report and took the report as read.

Key discussions –

- Completion of toe rock on Havill Wall.
- Vegetation cleared around Church Bank.
- Work progressing on Heliport Bank.

The Chair requested information on the cost per meter of the bank upon completion. S Hoare noted this request and committed to provide more detailed costings as requested.

Moved (Ewen/ McIntyre) *that the Committee receives the report.*

Carried

9.2 Greymouth IGC Project Status Report August 2024

Cr Haddock declared interest in this agenda item.

S Hoare spoke to the report and took the report as read.

Key discussions –

- Work progressed around the Grey Heritage area.
- Design requirements confirmed with Electronet for power poles uplift.
- Consultation ongoing with Western Mineral Sands.

Moved (McIntyre/ Ewen) *that the Committee receives the report.*

Carried

9.3 Hokitika River Walls IGC Project Status Report August 2024

S Hoare spoke to the report and took the report as read.

Key discussions –

- Stage 1B - focused on riverside areas and stream proximity until September 1, prioritizing completion before whitebait season.
- Contractor working on bulk fill to raise banks.
- Stage 3 - revised documentation from Davis Ogilvie expected within the week.

Moved (Cummings/ McIntyre) *that the Committee receives the report.*

Carried

10. General Business

The Chair expressed concern over missing minutes from the Resilient Westport Steering Committee, having only received those from the 2 and 13 February 2024 meetings. It was noted that minutes are confirmed at the following bi-monthly meeting, and the May minutes, which were released in August, were circulated to the Councillors.

There was also discussion about providing unconfirmed draft minutes to the Councillors between meetings.

PUBLIC EXCLUDED BUSINESS

Moved (Dooley/ McIntyre) *that*

1. *the public be excluded from the following parts of the proceedings of this meeting, namely – **agenda items 11 to 14 (all inclusive)***

Item No	General Subject of each matter to be considered	Reason for passing this resolution in relation to each matter	Ground(s) under section 7 of LGOIMA for the passing of this resolution
11.1	<i>Confidential Minutes Infrastructure Governance Committee Meeting – 6 August 2024</i>	<i>The item contains information relating to commercial, privacy and security matters</i>	<i>To protect commercial and private information and to prevent disclosure of information for improper gain or advantage (s7(2)(a), s7(2)(b), and s7(2)(j)).</i>

12	<i>Actions List</i>	<i>The item contains information relating to commercial, privacy and security matters</i>	<i>To protect commercial and private information and to prevent disclosure of information for improper gain or advantage (s7(2)(a), s7(2)(b), and s7(2)(j)).</i>
13.1	<i>Franz Josef IGC Project Status Report August 2024 - Financial Public Excluded</i>	<i>The item contains information relating to commercial matters.</i>	<i>To protect commercial information s7(2)(b)).</i>
13.2	<i>Greymouth IGC Project Status Report August 2024 - Financial Public Excluded</i>	<i>The item contains information relating to commercial matters</i>	<i>To protect commercial information s7(2)(b)).</i>
13.3	<i>Hokitika IGC Project Status Report August 2024 - Financial Public Excluded</i>	<i>The item contains information relating to commercial matters</i>	<i>To protect commercial information s7(2)(b)).</i>
14.1	<i>Quarry Operations Monthly Report</i>	<i>The item contains information relating to commercial matters</i>	<i>To protect commercial information s7(2)(b)).</i>

and that

2. *Darryl Lew, Jo Field, Tom Hopkins, Shanti Morgan, Reg Kemper and Scott Hoare be permitted to remain at this meeting after the public have been excluded due to*

their knowledge of the subjects. This knowledge will be of assistance in relation to the matters to be discussed; and

3. *That the minute taker also be permitted to remain.*

The meeting moved into the public excluded session at 3.30pm.

.....
Chair

.....
Date

UNCONFIRMED

6 Actions List

Author Sarah Tripathi, Governance Advisor

Authorizer

Public Excluded No

Report Purpose

This report is a summary of items that require actions.

The responsible managers have updated the list and will address their respective action items.

Recommendations

It is recommended that the Committee resolve to:

1. *Receive the report.*

ACTIONS LIST

Item No.	Date of Meeting	Item	Officer	Update
1.	10 Sep 2024	To determine the timelines for the review and update the Flood Protection Bylaw	Principal Engineer/ Group Manager Catchment Management	This action is being led by the Regulatory and Policy Group and accordingly progress is being reported to the Resource Management Committee. Propose to close this action by the Operations Committee.
2.	10 Sep 2024	Orphan asset review.	Group Manager – Catchment Management	Ongoing. Over the next 12 months, in conjunction with developing the new asset management system, a project will be initiated to identify and visit known orphan assets. Identification of orphan assets doesn't mean WCRC will assume ownership and liability of these assets and we will take legal advice as required when working through these issues.

Item No.	Date of Meeting	Item	Officer	Update
3.	10 Sep 2024	To investigate the details about the funding availability for Wanganui and clarify on the status.	Area Engineer	Ongoing. Reconciliation of 2023/24 finances is complete, we will provide an update to the Operations Committee and also report to the Rating District at Annual Meeting to be held by the end of the calendar year.
4.	10 Sep 2024	To provide a detailed asset management work program in the November meeting.	Group Manager – Catchment Management	Ongoing. Work to develop a formal condition inspection programme and upgrade our existing Asset Management System has been initiated. A more detailed update will be presented to Operations Committee at the November meeting.
5.	10 Sep 2024	Wanganui Rating Scheme capital upgrade proposal to be presented to the Councillors and to the RD.	Group Manager – Catchment Management	Ongoing. Follow up action - Write to all the members of the Rating District, presenting an estimated cost for developing options for an upgraded Wanganui flood protection scheme, to establish their level of interest in

Item No.	Date of Meeting	Item	Officer	Update
				progressing a capital project to upgrade the scheme. This task is underway, with a draft proposal received, but is yet to be reviewed by staff.
6.	9 July 2024	Escrow fund – To investigate it and find some valid documentation. Chris Heath to work closely with Cr Ewen.	Group Manager – Council Business Unit/ Quarry Manager	Ongoing. An update will be provided on the day of the meeting.

8. REPORTS

8.1 Monthly Catchment Management Report

Author Tom Hopkins, Group Manager Catchment Management; Paulette Birchfield, Northern Area Engineer; Olliver Rose, Catchment Officer; Sharon Hornblow, Natural Hazards Analyst; Peter Blackwood, Chief Engineer and Westport Flood Protection Scheme Project Manager

Authorizer Darryl Lew, Chief Executive

Public Excluded No

Report Purpose

The purpose of this report is to provide Council with an overview of the work undertaken by the Catchment Management team between August 20th and September 20th, 2024.

Report Summary

This month the Catchment Management team have focused on progressing inspections, maintenance and repair work in various rating districts and managing major capital works projects co-funded with central government.

Recommendation

It is recommended that the Committee resolves to:

1. *Receive the report.*

Issues and Discussion

Background

The WCRC Catchment Management team undertake a variety of work:

- Managing significant co-funded capital infrastructure projects in Westport, Greymouth, Hokitika and Franz Josef
- Modelling and other investigatory work to improve flood management approaches
- Management of 23 Rating districts including the maintenance of assets, consenting, compliance, community support and engineering assessments

- Management of natural hazard data and its dissemination to stakeholders

Current situation

1. Supporting our Rating Districts

Key items of asset management work undertaken last month /planned for next month include:

1.1 Last Month:

1.1.1 Karamea Rating District

Asset inspections at Oparara and Karamea were undertaken.

1.1.2 Mokihiui Rating District

As reported last month a top-up of the sacrificial bund was undertaken by SM Lowe Contracting Ltd the week of the 12th August 2024.



Figure 1: Topped-up sacrificial bund at Mokihiui

1.1.3 Nelson Creek Rating District

Annual asset inspections at Nelson Creek have been completed.

A Request for Quote was issued for vegetation removal. The RFQ closes 8 October 2024.

1.1.4 Greymouth Rating District

A Request for Quote was issued for vegetation removal at Coal Creek. The RFQ closes 8 October 2024.

1.1.5 Wanganui Rating District

In September, several key flood protection works were completed on the Wanganui River to address erosion risks. Rock placement was carried out at 75 Connect Bank, Robinsons Groyne, the tied-in retard, and the first spur downstream of the SH6 bridge. These repairs provide short-term protection, but ongoing monitoring and future upgrades may still be needed for long-term resilience.

75 Connect Bank

Repairs have been completed to address the immediate risk of damage from future flood events however this is not a long-term solution along this stretch of stopbank. The slumping riprap, which exposed half of the batter slope to erosion, has been restacked. 500T of rock was placed at the most vulnerable areas.



Figure 2: Example of the slumping which was present along the 75 Connect Bank



Figure 3: Slumping prior to remediation where dominant braid is directly attacking the riprap

Erosion Downstream of Robinsons Groyne

Rock has been placed to stabilise the erosion site 200m downstream of Robinsons Groyne. Approximately 48T of rock was used to reinforce the stopbank riprap and protect the curved eroding section.



Figure 4: Riprap placed to the top of the low height stopbank, and around the bend to reduce further erosion (before repair)

Tied-In Retard

Temporary repairs were made to the tied-in retard following deterioration after the April event. Approximately 250T of rock was used to hold the line.



Figure 5: Tied in Retard prior to repair

First Spur Downstream from SH6 Bridge

There was a risk of river crossover hitting the remaining section of unprotected natural berm. 400T rock lining has been installed along the natural berm, creating continuous riprap.



Figure 6: Post 400T placement

1.1.6 Waitangitaona Rating District

The vegetation spraying reported on last month has been completed. Early monitoring indicates that some follow up work may be required.

1.1.7 Franz Josef Rating District

Due to the risk of a possible channel avulsion directly from the right bank to the unlined Rubbish Dump Bank approximately 1900T of rock was loaded from the "Retrieved Rock" stockpile and placed along the vulnerable section of stopbank below the main groyne on the left bank. This rock has reduced the risk of failure of this bank to some extent but should be brought up to full height as soon as funds become available in order to achieve maximum security.

At the same time this work was undertaken the gravel deflector bank attached to Canavan's Knob upstream had also eroded away to the point that high velocity flood flows would almost certainly return to the Rubbish Dump bank so in order to prevent this occurring the bund was reinstated to a consistent height particularly where it ties into Canavan's Knob.

Some minor channel alignment was also carried out during the rock placement operation using the large bulldozer which happened to be on site at the time.

1.2 Next Month:

1.2.1 Nelson Creek Rating District

Contractor appointed and weather permitting the spraying of vegetation completed.

1.2.2 Greymouth Rating District

Contractor appointed and weather permitting the spraying of vegetation completed.

Annual trial of the Cobden Cut knife gate is planned to be undertaken during October 2024 when weather and tide timing permits.

1.3 Rating District Meetings

Now that the finances from the 2023/24 financial year have been reconciled the work is underway on the annual works reports and financial statements. Scheduling of rating District meetings for the 2023/24 financial year will commence shortly and they are expected to be delivered by the end of the calendar year.

1.4 Envirolink Projects

Staff have been successful with obtaining funding from the MBIE funded Envirolink scheme. The Envirolink scheme funds research organisations (Crown Research Institutes, universities and some not-for-profit research associations) to provide

regional councils with advice and support for research on identified environmental topics and projects.

- Westport Groundwater Modelling \$25k
- Environmental Impacts from Buller River Sediment \$24k

2. Natural Hazards

The Natural Hazards Analyst has been working on a programme for releasing natural hazards information held by WCRC to our Territorial Authorities (TAs). This is the first of monthly updates on the progress of which spatial datasets we hold have been reviewed and released to (and receipt acknowledged by) TAs.

West Coast Regional Council's Catchment Management, Natural Hazards and CDEM functions have in the past few years commissioned a wealth of spatial data and high-quality reports related to riverine, geological, coastal, and climate-related hazards and risk. Natural hazards data held by WCRC is currently being reviewed and summarised so that it is clear what spatial datasets related to flooding and geotechnical hazards we hold. This will assist the methodical formal data sharing between WCRC and Grey, Westland and Buller district TAs, outlined below.

WCRC must fulfil its natural hazards information responsibilities under section 35(1) of the Resource Management Act 1991. Formal release of these datasets to TAs is essential in assisting the disclosure of natural hazard information on land information memoranda (LIMs). In addition, on 1 July 2025 the Local Government Official Information and Meetings Amendment Bill will come into effect, which would make changes to the natural hazard information provided in LIMs. TAs will need to provide clearly categorised natural hazard information, including the impacts of climate change, if these have been modelled and the WCRC holds the information.

Formal release of datasets to West Coast TAs is underway. Coastal hazard inundation and erosion modelling, completed by NIWA in support of the TPP natural hazard overlays, was formally released to all District councils earlier this year, for their use and dissemination in internal processes. The Buller flood model and related GIS datasets relevant to TPP Planning applications has been released to BDC, with follow-up work by Natural Hazards and GIS to ensure the data are understood and can be applied. Waiho river change detection analysis (CDA) has been completed when LiDAR is re-flown, and although this is not a 'flood' dataset the results relate to natural hazard risk to the Franz Josef township. Therefore, these datasets have been formally shared with WDC.

Process for release of each dataset:

A co-ordinated process for the release of each remaining dataset, which would ensure WCRC are following best practice in sharing and supporting TAs to use the data appropriately, could be as follows:

- Summarise spatial datasets and technical reports in categories of flood and geotechnical hazards and identify TA end users with which to share each dataset.
- Consider whether additional external peer review is required for a given dataset or give reasoning for releasing the dataset as-is.
- Formal letter from the WCRC Chief Executive to the appropriate TA Chief Executive and data release via OneDrive link to nominated staff at the TA.
- A communication plan for each dataset where the Natural Hazards Analyst can answer follow-up questions on the dataset, give a summary talk/presentation of the background science, and demonstrate application of the data via GIS platform.

Review of datasets and future developments:

As far as the order of dataset release is concerned, the most robust datasets (which have been through formal review processes and informed TTPP overlays) have already been shared. As there are limited staff and financial resources to organise this process for all datasets, those already received which are modelled by Land River Sea limited and therefore follow already approved methods will be released without further review (e.g., Grey, Hokitika flood models).

Some of the geotechnical hazard datasets (e.g., liquefaction susceptibility) were commissioned by CDEM mainly for the purpose of informing of potential risk and helping communities plan for disaster response. These will be prioritised second (late 2024-early 2025) after the flood modelling datasets (prioritised in the next 2 months).

It is noted that observations from a recorded flood, new cross section surveys or flood bank improvements may necessitate model re-runs and reviews in future, and these will be completed and released as time allows. For example, the currently held Grey flood scheme modelling does not include the capital upgrades which are in progress at present, but datasets may be released to GDC in batches as we receive and review them.

Natural Hazard information and GIS information strategy to date:

The table below summarises current work in organising natural hazards data and detailing which types of files are held (e.g., flood depths for different AEPs and climate scenarios) will also help with the process of establishing an easy to access

online GIS platform for natural hazards data. Web-based GIS platforms which display these data in a simple, visual format will make it easier for the public to use in conjunction with information on LIM reports, and in applications by partner agencies, such as CDEM. Improved information sharing is critical to build resilience in communities going forward, especially for adapting to the increased exposure to natural hazards due to climate change.

The West Coast Regional Council does not currently have a public, web-based GIS platform for viewing natural hazards data. The need and associated cost and timelines for developing this is being undertaken via the development of a Natural Hazards Information Strategy and Implementation Plan (expected over the next two months). In the meantime, GIS infrastructure is being worked on as a priority to ensure a sound foundation is built prior to developing GIS project work.

Natural Hazards Spatial Datasets for Priority Release to TAs							
Year	Prepared By	Project Name	Spatial Data summary	District	Ext Peer Review	Released to TA	Acknowledged
2019	LRS	Waiho River: Change Detection Analysis	Change detection analysis	Westland	Not requested	Aug-24	Not requested
2020	GNS Science	Tsunami Evacuation Zones for WCRC	zone extent shapefiles	Regional	Not requested	Late24-early25	
2020	LRS	Hokitika River: Hydraulic Modelling and Flood Hazard Mapping	extent, depth etc	Westland	LiDAR review& re-run in process	Oct-Nov 2024	
2021	BECA	Regional liquefaction assessment	Liqn susceptibility ranking	Regional	Not requested	Late24-early25	
2021	LRS	Flood Waiho	depth, speed etc.	Westland	Not requested	Late24-early25	
2021	LRS	Hokitika Coastal	extent and depth	Westland	Yes - part of TTPP coastal	May-24	Yes WDC
2022	LRS	Grey, Hokitika, Waiho - Breach scenarios	depth, speed etc.	West&Grey	Not requested	Late24-early25	
2022	NIWA	Mapping priority coastal hazard areas for ttp	extent erosion and inundation	Regional	Yes	May-24	Yes: WDC, BDC No: GDC
2022	LRS	Westport Flood Hazard Modelling Update	depth, speed etc.	Buller	Yes - part of TTPP coastal	Jul-24	Yes BDC
2022-23	GNS Science	Alpine Fault mapping and FAZ for priority areas	fault location rupture style	West&Grey	Not requested	Late24-early25	
2023	LRS	Waiho modelling	depth, speed etc.	Westland	Not requested	Late24-early25	
2023	LRS	Wanganui flood model	depth, speed etc.	Westland	Not requested	Late24-early25	
2023	LRS, NIWA	Grey coastal modelling	depth, speed etc.	Grey	Not requested	Oct-Nov 2024	
2024	LRS	Waiho CDA update and breach	Change detection analysis	Westland	Not requested	Aug-24	Not requested
In prep	LRS	Grey stopbank improvement and climate modelling	depth, speed, etc.	Grey	Not requested	Oct-Nov 2024	

In prep	GNS Science	Landslide debris inundation and risk modelling	Depth, flux, life risk and others	Regional	Yes- pending	Early 2025	
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3. Capital projects

3.1 Westport Flood Protection Scheme Project Update

Good progress has continued to be made on the design of the flood mitigation works and construction has commenced. The following has been completed:

General

- Adaptation funding options were considered at both a special workshop of the Resilient Westport Steering Group on Friday 30 August and the Steering Group Meeting itself on Friday 27 September. This is a complex matter and will be revisited at the November Steering Group meeting, once an engineering options report is completed.

Cats Creek/Abattoir Drain

- Very good news to report that the work on the small Cats Creek/Abattoir Drain was completed on Friday 4 October.

McKenna Stopbank

- Negotiation on the McKenna stopbank is complete, with an access agreement signed up. This first stage will cover at least 780m.
- The resource consent application for McKenna's stopbank required from West Coast Regional Council has been submitted and a request for Required Further Information received from the consultant consent officer. Six questions were posed, largely for clarification. All are believed to be easily answered.

Buller River Upstream of SH67 Bridge

- Landowner consultations on access for the geotechnical testing are completed. These have been achieved by the Westport project team staff.
- One of these was tagged to the ability to have a subdivision. This is complex as we do not want to increase the residual flood risk potential. Any subdivision would need to be carefully contrived to avoid creating this vulnerability. This area is regulated by Buller District Council.
- New Zealand Property Group continue to provide professional advice on agreements for the land entry for construction.
- The ecological and landscape environmental assessments for this part of the Buller stopbank are completed
- WSP Consultants report on the Buller Bridge is very close to completion, with a further option near completion. This report will advise whether there are viable and warrantable options for mitigating flood levels at the Buller SH67 Bridge and initial findings are good.

Floating Lagoon

- Clearing of the Floating Lagoon vegetation and illegal structures is now 70 percent completed. Interim topping up of low spots is being considered. This work is on land owned by Buller District Council. There has been good work from the Westport staff of both Councils in consultations with affected landowners. Avery Bros won the contract for this work.
- Discussions continue to be held with the HydroResponse Company on the procurement of the barriers. A site meeting was held on 29 August. Questions have now arisen over the structural stability of the bund the barriers would be located on. Seepage problems were evident at the site in past floods and a Ground Penetrating Radar survey is to proceed very shortly.

Carters Beach

- The assessment of options for flood protection of Carters Beach have been costed and the estimate is high. The way to achieve this protection is being reconsidered.

Snodgrass

- The assessment of potential mitigation options has commenced, with significant work already completed and modelling of options well underway. It was programmed for September-October 2024, however, should be completed soon after that timeframe.

3.2 Greymouth/Hokitika/Franz Schemes Upgrades Update

For updates on the Infrastructure Reference Group projects please refer to the Project Status Reports supplied by Inovo.

9. IGC REPORTS

9.1	Franz Josef IGC Project Status Report September 2024
Author	Scott Hoare, Infrastructure Reference Group Programme Manager
Authorizer	Tom Hopkins, Group Manager – Catchment Management West Coast Regional Council
Public Excluded	No

Report Purpose

The purpose of this report is to present the Franz Josef IGC Project Status report for September 2024.

Report Summary

The report presents:

- An update on the progress of the project including the completion of the Link Bank and Havill Wall, to final works on the Heliport to Church Bank.
- High level roadmap of the project outlining completion of construction by mid quarter 2 of Financial Year 2024/25.
- Summary of current tasks and decisions being worked on by the project team.

Draft Recommendations

It is recommended that the Committee resolve to:

1. *Receive the report.*

Issues and Discussion

There are no issues that require discussion as a result of this report.

Considerations

Implications/Risks

There is a risk to the project budget based on approved and forecast variations.
There is a risk of delays due to weather events.

Significance and Engagement Policy Assessment

There are no issues within this report which trigger matters in this policy.

Tangata whenua views

Tangata whenua have not been consulted on these matters.
Staff are not aware of any issues within this report which would impact tangata whenua.

Views of affected parties

Consultation with Glacier Country Heliport has been completed in relation to the impact on the helipads and fuel bowsers, work is complete.

Financial implications**Current budget**

\$ 12,291,463

Current expenditure

\$ 8,366,939

Future implications

Works have been funded from the IRG Project budgets. A variation for an extension of time has been approved by Kanoa.

Legal implications

There are no issues within this report which trigger matters in this policy.

Attachments

Attachment I: September 2024 WCRC IGC Project Status Report – Franz Josef

WCRC IGC PROJECT STATUS REPORT

FRANZ JOSEF STAGE 1

WEST COAST REGIONAL COUNCIL
ISSUE 22 - 4 OCTOBER 2024



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QUALITY ASSURANCE

PREPARED BY	Nic Bell	Project Manager	4 October 2024	
REVIEWED BY	Chris Hoskins	Senior Project Manager	4 October 2024	
APPROVED BY	Scott Hoare	Programme Manager	4 October 2024	

1. PROJECT STRUCTURE

Reporting Month Ending	30/08/2024
Project Sponsor	Darryl Lew, CEO
Senior Responsible Owner	Tom Hopkins, Group Manager - Catchment Management
Benefit Owner(s)	Franz Josef Rating District
IRG Programme Manager	Scott Hoare
Council Project Manager	Kent Jacobsen, Area Engineer
IRG Project Manager	Chris Hoskins / Nic Bell

2. INFRASTRUCTURE GOVERNANCE COMMITTEE MEETINGS

Last Infrastructure Governance Committee Meeting	10/09/2024	Next Operations Committee Meeting	22/10/2024
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3. R.A.G (RED, AMBER, GREEN) STATUS

Category	Current Month	Commentary
Overall		Project is overall ok but risks with budget and schedule keep it at amber.
Trend	↓	Project is trending downward with recent changes to completion and uncertainty around the South NZTA Bank.
Budget		Forecast is tracking over budget, mitigation strategy agreed to reduce scope and manage budget.
Scope		Scope is generally well defined for upgrade of the North Stopbanks.
Resource		Contractor is on track for revised scheduled completion.
Schedule		Recent delays and variations have pushed the completion of the North Bank into November 2024.
Risks/ Issues		The main risks to the project are the budget.

4. GOVERNANCE DOCUMENTS AND RECOMMENDATIONS TO SRO / COUNCIL / KANOA

docCM #	Document	Submission Date	Approval Date	Comments
	Variation 01 - Emergency Works	15/09/2022	31/10/2022	Inclusion of funding for Southside emergency works within phase 1 and the first draw down, approved by WCRC and Kanoa.
	Variation 02 - Combined Projects	14/02/2023	28/02/2023	Slight changes to funding moving from one project to another to balance actual costs, approved by WCRC and Kanoa.
	LiDAR Survey Memo	29/05/2023	12/06/2023	Variation to undertake LiDAR Survey, approved by WCRC.
	TTC Fee Variation	20/09/2023	26/09/2023	Variation to scope of works for designer, approved by WCRC.
	Variation 03 - Change in funding timeline	5/10/2023	25/10/2023	Change in funding timeline to match actual progress on site, approved by WCRC and Kanoa.
	Variation 04 - Change in funding timeline	07/06/2024	24/07/2024	Application for an extension of time with new completion date of September 2024.

5. STATE OF PLAY

Last Month	Next Month
<p>Havill Wall:</p> <ul style="list-style-type: none"> ▪ Completed excavation and placement of toe rock chainage 50 to 700, <p>Heliport - Church Bank:</p> <ul style="list-style-type: none"> ▪ Placement and compaction of bulkfill within Heliport section, ▪ Connection of Chorus fibre cable. 	<p>Heliport - Church Bank:</p> <ul style="list-style-type: none"> ▪ Continuation of bulkfill placement completing the Heliport section chainage 1700 - 2000, ▪ Supply and placement of rock armouring to Heliport section, ▪ Commence bulkfill placement and compaction on Church Bank chainage 2000 - 2358.
Total Project	
<ul style="list-style-type: none"> ▪ Placement and compaction of bulk fill of approximately 148,000 m³, ▪ Supply and placement of approximately 88,000 T of rock. 	
Current Tasks and Decisions	
<ul style="list-style-type: none"> ▪ DOC land: DOC have requested that the project contribute to a planting exercise, a long-term agreement is still be reached pertaining to the stopbank occupying DOC land and maintaining access for maintenance. ▪ Heliport Fencing: The Heliport operator has requested additional fencing to maintain the required safety within the Heliport, the designer is working with the operator to confirm the exact requirements. 	

Figure 1 was taken early-September at approximately chainage 1800 looking downstream showing the preparation of bulkfill placement in the Heliport section.

Figure 2 was taken early-September at approximately chainage 50 on the Havill Wall looking upstream and shows the completed placement of toe rock, which is a mixture of rock supplied by NZTA to replace a rock stockpile previously owned by the Rating District and new contractor supplied rock.

Figure 3 was taken mid-September at approximately chainage 1660 looking upstream showing the progress of bulkfill in the Heliport section, the contractor has now placed and compacted bulkfill in this section to approximately 4 m below the finished height.



Figure 1



Figure 2



Figure 3

6. FINANCIAL SUMMARY

Financial Summary	
Current Budget	\$ 12,291,463
Current Expenditure	\$ 8,366,939
Remaining Funds	\$ 3,924,524

7. HIGH LEVEL ROADMAP

Project Name	FY 2022/23				FY 2023/24				FY 2024/25			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
	Month Starting	July	October	January	April	July	October	January	April	July	October	
North Bank					[Green bar spanning Q1-Q4 FY23, Q1-Q2 FY24]							
- Link Bank					[Green bar spanning Q1-Q2 FY23]							
- Heliport - Church Bank										[Green bar]	[Green bar]	
- Havill Wall						[Green bar]	[Green bar]			[Green bar]		

8. MILESTONES

Milestone	Baseline Date	Tracking	Actual Date	Comment
Scope of Works - Preliminary Design	01-Jul-21		01-Jul-21	Complete
Peer Review - Scope of Works				Complete
Draft Engineering Drawings / Design Documentation	01-Mar-22		01-Mar-22	Complete
Consent Documentation/Application	02-May-22		25-Sep-23	Complete
Tender Preparation & Award	02-May-22		02-May-22	Complete
Emergency work instruction			19-May-23	Notification of Section 330 Emergency works from Council.
Construction:				
- North Bank	30-Apr-23	29-Nov-24		
- South Side Stage 1 (NZTA Banks)		(On Hold)		10 Year Flood Management Plan
- Waiho Loop (Tatare Stopbank)	31-Aug-23	Not Proceeding		

9. CONSENTS

All WCRC and WDC consents have been granted for the North Bank works.

During construction the contractor will complete post flood inspections but, condition 19 of the land use consent requires inspection post rain event be completed by the consent holder following the completion of works.

10. PROJECT RISKS

ID #	Date last Reviewed	Short Risk Name	Source of Concern / Opportunity	Implications	Risk Owner	Governance Status	Rating	Trend	Governance Actions	Treatments / Mitigations
FJ-RIS-08		Weather	Flooding from weather events causing damage.	Delay to programme Health and Safety Equipment damage Environmental	Contractor	Actions in Place	High	No Change	Review plans and on-site implementation Forward look ahead.	Contractor management plans including monitoring progress of the works and programme updates and post event inspection as per condition 19.
FJ-RIS-05		Fuel Cost Adjustment	Contract provision allowing fuel cost adjustment. Current fuel costs are above the agreed rate at the time of contract signing.	Increased cost	Project Manger	Not Fully Resolved	Medium	No Change	Approve variations when requested.	Forecast additional cost and apply for variations.
FJ-RIS-06		Rock Supply	Risk that the rock supplied or installed under the contract does not meet specification or is in excess of the quantity	Work Quality	Engineer to Contract	Not Fully Resolved	Medium	No Change	Confirm monitoring plan.	Continue monitoring (rock inspection and rock weighing at quarry) for rock supply/placement including as

ID #	Date last Reviewed	Short Risk Name	Source of Concern / Opportunity	Implications	Risk Owner	Governance Status	Rating	Trend	Governance Actions	Treatments / Mitigations
			included in the contract.							built documentation.
FJ-RIS-02		Existing Infrastructure	Upgrades may require relocation of power/fibre poles and have effect on adjacent roading network and stormwater system.	Potential for delay to Programme Costs for this work included in the Project Budget	Project Manager	Not Fully Resolved	Low	No Change	Confirm any additional cost for relocations when works confirmed.	Negotiations to be had with utility operators and investigations into stormwater run off at Heliport.
FJ-RIS-03		Insufficient Budget	Delays to programme and additional work required to obtain resource consent.	Increased cost	Project Manager	Unresolved	Low	No Change	Approve variations when requested.	Forecast expenditure and apply for variations.
FJ-RIS-04		Scope of works	Scope increases (Heliport pad relocation, Retaining Wall, Tatare avulsion protection etc.) causing additional cost.	Increased cost	Project Manager	Unresolved	Low	No Change	Approve variations when requested.	Forecast expenditure and apply for variations.
FJ-RIS-09		Engineer is non-responsive	Engineer fails to respond to questions and view hold points.	Delay to programme.	Project Manager	Not Fully Resolved	Low	No Change	Confirm monitoring plan, escalate if necessary.	Establish monitoring plan and two week look ahead for hold points.
FJ-RIS-10		Adherence to resource consent conditions	Strict conditions in place that the contractor fails to adhere to.	Environmental damage, Reputational damage. Non-compliance	Project Manager/Engineer to the Contract	Not Fully Resolved	Low	No Change	Review plans and on-site implementation Confirm monitoring plan,	Contractor management plans including monitoring progress of the

ID #	Date last Reviewed	Short Risk Name	Source of Concern / Opportunity	Implications	Risk Owner	Governance Status	Rating	Trend	Governance Actions	Treatments / Mitigations
				notices. Work held up on site					escalate if necessary	works and programme updates.
FJ-RIS-11		Electronet Overheads	Pole and stay may not have been installed in the design location and may obstruct the accessway.	Increased Cost	Project Manager / Electronet Designer	Not Fully Resolved	Low	No Change	Support Project Team and confirm if any increased costs should come from the project budget.	Work with Designer to understand how to make sure pole and stay are clear of accessway.
FJ-RIS-12		Heliport Fencing	The Heliport Operator has identified the potential need for additional fencing	Increased Cost	Project Manager / Lead Designer	Not Fully Resolved	Low	No Change	Support Project Team and confirm if any increased costs should come from the project budget.	Work with the operator to confirm if the fencing is needed or wanted and how it affects maintenance of stopbanks.
FJ-RIS-01		Consent Processing	Single entity in opposition to works, delaying obtaining resource consent.	Delay to Programme	Project Manager	Complete	Medium	Closed	Provide support and input into hearing when required.	Hearing held with Independent Commissioner to resolve.
FJ-RIS-07		Injunction of works progressing under S330	Risk that public opposition apply for an injunction to stop the works progressing under S330.		Project Manager	Complete	Low	Closed	Provide support and willingness to work with opposition and argue the injunction if required.	Continue progressing the resource consent application and affected party consultation.

11. PROJECT ISSUES

ID #	Date Raised	Issue Description	Priority	Action Required	Issue Owner
FJ-ISS-01	01-Jul-22	Obtaining resource consent has become difficult and drawn out.	Medium	Project Manager to continue assisting lawyers through the resource consent hearing process.	Closed.
FJ-ISS-02	16-May-22	Damage to Waiho Tatare connection with difficulty in confirming a remedial approach.	Medium	Project Manager to consult with designer to provide options for discussion. Technical Advisory Group (TAG) to consider possible options	Works on hold, refer to TAG report.
FJ-ISS-03	22-May-23	Additional design work is required to ensure that a clear roadway can remain by the church near the top of the North Bank.	Low	The project team is investigating an alternate material supply for this portion.	Lead Designer / Engineer to Contract
FJ-ISS-04	15-Jul-23	Upgrading the Heliport stopbank will require the placement of bulkfill on Heliport property impacting access to helipads. Work has been requested to relocate helipads.	Medium	Project Manager to continue negotiations with RD Petroleum, Heliport, and Westland District Council to fully understand works required, in final stages of obtaining approval.	Project Manager

FJ-ISS-03 closed as scope of works has been confirmed and the variation has been approved, contractor to commence with engineered design.

12. DEPENDENCIES

Ref #	Description	Urgency	Owner	Critical Date	Progress / Actions
FJ-DEP-01	Scope of works within Heliport to be confirmed and agreed with GCH and WDC to allow for construction to commence on the Heliport section as noted in FJ-ISS-04.	Medium	Project Manager	06-May-24	Works have been deferred to the next low season (mid 2024). Project Manager to continue liaising with parties to reach agreement. Scope of works in final stages of reaching agreement. Critical date changed to reflect end of peak season.
FJ-DEP-02	Design of Church Bank to be completed and approved to allow for the commencement of works in the Heliport to Church section as noted in FJ-ISS-03.	Medium	Designer	01-Jun-24	Design has been completed and shared with contractor for constructability and pricing feedback. Critical date changed to June as contractor is planning to work from Heliport toward the Church.

13. IWI / HAPŪ / WHĀNAU

Partnership / Relationship	Notes
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14. PARTNERSHIPS / RELATIONSHIP MANAGEMENT

Partnership / Relationship	Notes
Glacier Country Heliport	<p>They require works on the heliport section to be completed in the offseason (April - September) to minimize disruption to helicopters.</p> <p>The contractor has been maintaining communications with the operator and they are happy for works to continue with the alternate flight path remaining in use.</p>
Westland District Council	<p>The current owner of the Havill wall, reports have been completed and issued to WDC to understand stability of the wall with protection of the oxidation ponds being a key function. On completion of the North side works, engineering sign offs and completion documentation is to be shared with WDC to complete the asset transfer.</p>

15. HEALTH AND SAFETY

The assistant to the engineer completed a site visit on 03 September 2024 and 18 September 2024 and did not note any issues.
 The Health and Safety representative for the contractor completed a Health and Safety Audit on 19 September 2024 and did not note any issues.

9.2	Greymouth IGC Project Status Report September 2024
Author	Scott Hoare, Infrastructure Reference Group Programme Manager
Authorizer	Tom Hopkins, Group Manager – Catchment Management West Coast Regional Council
Public Excluded	No

Report Purpose

The purpose of this report is to present the Greymouth IGC Project Status report for September 2024.

Report Summary

The report presents:

- An update on the progress of the project including the construction activities on stages 1 and 3.
- High level roadmap of the project outlining completion of construction by mid quarter 2 of Financial Year 2024/25.

Draft Recommendations

It is recommended that the Committee resolve to:

1. *Receive the report.*

Issues and Discussion

There are no issues that require discussion as a result of this report.

Considerations

Implications/Risks

Consultation around power pole relocation with Westpower ongoing. Site meeting held 18 Sept 2024 to coordinate construction process.

Significance and Engagement Policy Assessment

There are no issues within this report which trigger matters in this policy.

Tangata whenua views

Staff are not aware of any issues within this report which would impact tangata whenua.

Views of affected parties

Work is being carried out under pre-existing consents. Formal consultation was undertaken at the time consents were obtained. Informal consultation has been completed and public notices

issued.

Financial implications

Current budget

\$ 2,605,822

Current expenditure

\$ 1,307,714

Future implications

Works have been funded from the IRG Project budgets. A variation for an extension of time has been approved by Kanoa.

Legal implications

There are no issues within this report which trigger matters in this policy.

Attachments

Attachment 1: September 2024 WCRC IGC Project Status Report - Greymouth

WCRC IGC PROJECT STATUS REPORT

GREYMOUTH FLOOD WALLS (MAWHERA QUAY)


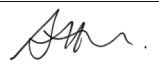
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QUALITY ASSURANCE

PREPARED BY	Mike Murray	Senior Project Manager	4 October 2024	
REVIEWED / APPROVED BY	Scott Hoare	Programme Manager	4 October 2024	

1. PROJECT STRUCTURE

Reporting Month Ending	27/09/2024
Project Sponsor	Darryl Lew, CEO
Senior Responsible Owner	Tom Hopkins, Group Manager - Catchment Management
Benefit Owner(s)	Grey Rating District
IRG Programme Manager	Scott Hoare
Council Project Manager	Paulette Birchfield
IRG Project Manager	Mike Murray

2. INFRASTRUCTURE GOVERNANCE COMMITTEE MEETINGS

Last Infrastructure Governance Committee Meeting	10/09/2024	Next Operations Committee Meeting	22/10/2024
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3. R.A.G (RED, AMBER, GREEN) STATUS

Category	Current Month	Commentary
Overall		Construction for stage 3 in Anzac Park is largely complete, with only grass seeding and raising of road crossing to be completed when weather allows. Remainder of Stage 3 will be completed following Stage 1. Stage 1 is largely complete apart from WMS section that is on hold, with only sealing of the Short Street road crossing and the Preston Road bridge section to complete This work will be completed within the existing budget. Remaining stages will exceed budget, and scope is to be reviewed prior to committing to further construction works.
Trend	→	No change.
Budget		The initial budget was based on preliminary information. Received tenders have confirmed the project budget is insufficient to complete the full scope. A contract has been awarded to undertake stages 1 and 3, which can be completed within the current budget, while the scope for stages 2, 4 and 5 is reviewed. Westpower costs are yet to be confirmed, and pole relocation will also require work be undertaken by Chorus.
Scope		Scope is well defined, upgrade of existing stop banks to 1:150 year plus 600 mm freeboard. This level is to align with the existing concrete walls along Mawhera Quay.
Resource		No resource concerns at this stage.
Schedule		Delays associated with coal tar now resolved, Contractor is now progressing Stage 1.
Risks/ Issues		Resolving Westland Mineral Sands request to relocate the stopbank has potential time and cost implications Westpower confirmation of power pole relocation at Stage 3 and 1 remains outstanding

4. GOVERNANCE DOCUMENTS AND RECOMMENDATIONS TO SRO / COUNCIL / KANOA

docCM #	Document	Submission Date	Approval Date	Comments
	Funding Agreement Variation (2)	16-Feb-23	09-Jun-23	Application for transfer of funds from Westport Early Warning Project and an Extension of Time with new completion date of May 2024
	Mawhera Quay Tender Evaluation and Recommendation	11 Dec 23	21 Dec 23	Contract signed by both WCRC and MBD received 23 Dec 23
	Funding Agreement Variation (4)	7-Jun-24	24-Jul-24	Application for an extension of time with new completion date of September 2024.

5. STATE OF PLAY

Last Month	Next Month
<p>Construction</p> <ul style="list-style-type: none"> Stage 3 construction within Anzac Park is largely complete, with only grass seeding and raising of road crossing to be completed. Construction of Stage 1 is largely complete apart from WMS section that is on hold, with only sealing of the Short Street road crossing and the Preston Road bridge section to complete. Coordination with Westpower has progressed with a construction coordination meeting held on site 18 Sept 2024. Westpower costs are yet to be received. Work to relocate Preston Rd power pole will also require fibre to be relocated. A preliminary design has been prepared and issued to Westpower. Chorus costs are yet to be received 	<p>Construction:</p> <ul style="list-style-type: none"> Complete sealing of Stage 1 and Stage 3 road crossings Commence section of Stage 3 from railway to Preston Rd Commence power pole relocation
<p>Total Project</p> <ul style="list-style-type: none"> Placement and compaction of bulk fill of approximately 4,000 m³ 	
<p>Current Tasks and Decisions</p> <ul style="list-style-type: none"> Finalise detailing of power pole relocation with Westpower/Chorus and confirm costs 	



18 September 2024
Retaining wall to connect to Mawhera Quay wall underway



18 September 2024
Rock armouring along Gresson Street River frontage complete

18 September 2024

Raising of Stage 1 from Gresson St to Preston Rd foot bridge complete



6. FINANCIAL SUMMARY

Financial Summary	
Current Budget	\$ 2,605,822
Current Expenditure	\$ 1,307,714
Remaining Funds	\$ 1,298,108

7. HIGH LEVEL ROADMAP

Project Name	FY 2022/23				FY 2023/24				FY 2024/25	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Month Starting	July	October	January	April	July	October	January	April	July	October
Design										
Consent										
Stage 1										
Stage 2										
Stage 3										
Stage 4										
Stage 5 (Cobden)										

The project is currently tracking behind programme due to delays with unforeseen ground conditions. This has now been resolved and construction works continue on Stage 1

8. MILESTONES

Milestone	Baseline Date	Tracking	Actual Date	Comment
Scope of Works - Preliminary Design			03-Feb-23	Complete
Peer Review- Scope of Works			30-Mar-23	Complete
Feedback from GDC			16-May-23	Complete
GDC Engineering approval of revised drawings	9-Aug-23		24-Aug-23	Conditional approval provided
Consent Documentation/Application	31-May-23		19-Oct-2023	Complete
Tender Preparation, analysis, negotiation	31-May-23		11 Dec 2023	Complete
Council review and award	02-Jun-23		21 Dec 2023	Complete
Completion of Construction	31-May-24	31-Oct-24		Stages 1 & 3

9. CONSENTS

Updated modelling received from Land River Sea (modelling was undertaken for other projects but is being reviewed to further inform the IRG project).

Wynn Williams legal opinion received confirming existing consent has been given effect.

Acceptance of legal opinion received from GDC.

Meeting held with Iwi 15 Feb 2024, letter of support received 28 Feb 2024.

Plans sent to Heritage NZ 5 Feb 2024, archaeological review carried out and confirmation no impact to Heritage Sites received 5 March 2024

Meeting held with Grey Heritage Trust 21 February 2024, positive feedback received. Site walk with Contractor arranged for 24 August prior to starting work in this area.

10. PROJECT RISKS

ID #	Short Risk Name	Source of Concern / Opportunity	Implications	Risk Owner	Governance Status	Rating	Trend	Governance Actions	Treatments / Mitigations
G-RIS-07	Westland Mineral Sands (WMS)	WMS have requested stopbank along Gresson Street be realigned	Delay to Programme Increased cost	WCRC	Not Resolved	High	New Risk	Confirm whether to progress, resolve additional time and costs allocation	Confirm WMS will cover additional costs for design, consenting and construction
G-RIS-02	Existing Infrastructure	Upgrades may require relocation of power poles.	Delay to Programme Increased cost	Project Manager	Not Fully Resolved	High	Increasing	Approval of additional cost for relocations if required.	Negotiation with Westpower ongoing. Fibre now also to be relocated.
G-RIS-03	Insufficient Budget	Tenders have confirmed insufficient budget	Increased cost	Project Manager	Not Fully Resolved	Medium	Confirmed - extent of issue now known	Source additional funding or reduce scope	Review scope and prepare funding variation application
G-RIS-05	Weather	Flooding from weather events causing damage during construction	Delay to programme HS Equipment damage Environmental	Contractor	Ongoing	Medium	No Change	Review plans and on-site implementation	Contractor management plans.
G-RIS-06	Unforeseen Ground conditions	Unforeseen ground conditions and unmapped services	Delay to programme, additional costs	Project Manager	Ongoing	Medium		Engineers to address any	Engineers to address any issues as they arise

ID #	Short Risk Name	Source of Concern / Opportunity	Implications	Risk Owner	Governance Status	Rating	Trend	Governance Actions	Treatments / Mitigations
								issues as they arise	
G-RIS-01	Consent Processing	Public opposition to works, delaying obtaining resource consent amendments or new Consents	Delay to Programme	Project Manager	Actions in Place	Low	Reducing	Provide support and input when required.	Legal opinion and GDC acceptance to progress under existing Consent
G-RIS-04	Scope of works	Scope increases	Increased cost	Project Manager	Unresolved	Low	No Change	Approve variations when requested.	Forecast expenditure and apply for variations.

11. PROJECT ISSUES

ID #	Date Raised	Issue Description	Priority	Action Required	Issue Owner
G-ISS-01	16 March 2023	Amendment to existing Consent will require additional Consents due to updated District Plans and TTP	High	Review design and GDC feedback to meet existing Consent requirements where possible.	Closed
G-ISS-02	4 April 2023	GDC Engineering Sign Off delayed due to lack of resource	High	GDC to be advised of pending documentation and date sign off required by 9 August 023	Closed
No current issues					

12. DEPENDENCIES

Ref #	Description	Urgency	Owner	Critical Date	Progress / Actions
G-DEP-01	GDC to sign off design before tendering	High	Project Manager	09-Aug-23	GDC provided Conditional acceptance 24 August 2023
G-DEP-02	Tender Evaluation	High	Project Manager	13-Nov-23	Recommendation provided to WCRC and Contract awarded 23 December 2023
No current dependencies					

13. IWI / HAPŪ / WHĀNAU

Partnership / Relationship	Notes
Philippa Lynch / Susan Aitken, Ngai Tahu	Final plans issued 5 Feb 2024, discussion held 15 Feb 2024. No CIA required as operating under existing consent. Letter of support received 28 Feb 2024

14. PARTNERSHIPS / RELATIONSHIP MANAGEMENT

Partnership / Relationship	Notes
Heritage NZ	Archaeological review carried out and confirmation no impact to Heritage Sites received 5 March 2024 and issued to HNZ (Note existing consent does not require any sign off from HNZ).
GDC	CCTV survey sent to GDC 17 May 2024 A shallow undocumented water pipe was uncovered 8 May 2024. Coal tar uncovered beneath existing bank on 8 May 2024.
Grey Heritage Trust	Meeting held 21 February, 2024.

15. HEALTH AND SAFETY

Site inspection undertaken on 18 September 2024, no issues were noted.

**9.3 Hokitika River Walls IGC Project Status Report
September 2024**

Author	Scott Hoare, Infrastructure Reference Group Programme Manager
Authorizer	Tom Hopkins, Group Manager – Catchment Management West Coast Regional Council
Public Excluded	No

Report Purpose

The purpose of this report is to present the Hokitika River Walls IGC Project Status report for September 2024.

Report Summary

The report presents:

- An update on the progress of the project including construction of stage 1B and planning for stage 3.
- An update of progress on additional scope of stormwater CCTV capture.
- An update of progress on additional scope of seepage modelling.
- High level roadmap of the project outlining completion of stage 1B construction by end of October 2024.

Draft Recommendations

It is recommended that the Committee resolve to:

1. *Receive the report.*

Issues and Discussion

There are no issues that require discussion as a result of this report.

Considerations

Implications/Risks

Whitebait Season – Planning has been undertaken to ensure no riverside work or disruption to access occurs within the whitebait season.

Significance and Engagement Policy Assessment

There are no issues within this report which trigger matters in this policy.

Tangata whenua views

Tangata whenua have been consulted on these matters and have issued their approval. Staff are not aware of any issues within this report which would impact tangata whenua.

Views of affected parties

Planting plan to be agreed with Iwi once extent of batter is visible on site.

Financial implications

Current budget

\$ 7,505,226

Current expenditure

\$ 3,131,917

Future implications

Works have been funded from the IRG Project budgets.

Legal implications

There are no issues within this report which trigger matters in this policy.

Attachments

Attachment I: September 2024 WCRC IGC Project Status Report – Hokitika River Walls.

WCRC IGC PROJECT STATUS REPORT

HOKITIKA RIVER FLOOD WALLS


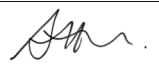
WEST COAST REGIONAL COUNCIL
ISSUE 20 - 24 SEPTEMBER 2024



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QUALITY ASSURANCE

PREPARED BY	Mike Murray	Senior Project Manager	24 September 2024	
REVIEWED / APPROVED BY	Scott Hoare	Programme Manager	24 September 2024	

1. PROJECT STRUCTURE

Reporting Month Ending	27/09/2024
Project Sponsor	Darryl Lew, CEO
Senior Responsible Owner	Tom Hopkins, Group Manager - Catchment Management
Benefit Owner(s)	Hokitika Rating District
IRG Programme Manager	Scott Hoare
Council Project Manager	Jordan Mandery, Construction Engineer
IRG Project Manager	Mike Murray

2. INFRASTRUCTURE GOVERNANCE COMMITTEE MEETINGS

Last Infrastructure Governance Committee Meeting	10/09/2024	Next Operations Committee Meeting	22/10/2024
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3. R.A.G (RED, AMBER, GREEN) STATUS

Category	Current Month	Commentary
Overall		Project is generally tracking ok but continual monitoring of budget and consenting risk is required.
Trend	→	A good amount of construction has been undertaken, resulting in a lowering of the overall residual risk
Budget		The initial budget has been identified as being insufficient to complete all 3 stages. Stage 1A has been completed under the current budget. Stage 1B updated pricing to include the changes and additional work required by KiwiRail has been received, and will be completed within budget. Additional rock for forming toe has been required, this will be covered by Project Contingency. Stage 3 Concept and SOQ has been updated, updated budget estimate is being prepared for discussion with WCRC.
Scope		The scope is well defined.
Resource		No resource issues at this time.
Schedule		Delays to processing consents mean that the 1B project will need to be completed either side of the whitebait season.
Risks/ Issues		Planning has been undertaken to ensure no riverside work or disruption to access occurs within the whitebait season

4. GOVERNANCE DOCUMENTS AND RECOMMENDATIONS TO SRO / COUNCIL / KANOA

docCM #	Document	Submission Date	Approval Date	Comments
(2)	Funding Agreement Variation	16-Feb-23	09-Jun-23	Application for an extension of time with new completion date of May 2024.
(4)	Funding Agreement Variation	7-Jun-24	24-Jul-24	Application for an extension of time with new completion date of June 2025.

5. STATE OF PLAY

Last Month	Next Month
<p>Planning</p> <ul style="list-style-type: none"> Stage 3 concepts have been progressed and updated SOQ received. Preparation of revised budget underway. <p>Design</p> <ul style="list-style-type: none"> Stage 1B seepage modelling being updated to reflect feedback from peer reviewer on Westport project. Stage 3 GPR final report received 9 July 2024 CCTV of existing stormwater for Stage 1 and 3 complete, DO confirmed in project meeting of 12 Sept 2024 no issues observed that were a risk to the stopbank construction. <p>Stage 1B Construction</p> <ul style="list-style-type: none"> All work that could cause sediment to enter the stream was completed before whitebait season Bulkfill placement and rock armour installation progressing Relocation/raising of pump station lids and switchboards continuing Extension of culverts continuing. Contractor is working in areas away from the stream during whitebait season 	<p>Stage 1B Construction:</p> <ul style="list-style-type: none"> Continue bulkfill /quarry rubble placement above water line Complete relocation/raising of pump station lids and switchboards Progress railway side bulkfill Complete Seepage Modelling <p>Stage 3</p> <ul style="list-style-type: none"> Update budgets, present concepts to WCRC for review prior to meeting with WDC
Total Project (1B)	
<ul style="list-style-type: none"> Placement and compaction of bulk fill of approximately 13,200 m³, Supply and placement of approximately 4,700 T of quarry rubble. Supply and placement of approximately 2,250 T of toe rock. 	
Current Tasks and Decisions	
<ul style="list-style-type: none"> Complete seepage modelling Update Stage 3 budgets, present concepts to WCRC for review prior to meeting with WDC 	



18 September 2024
Retaining wall adjacent to SH6 bridge complete



18 September 2024
Toe rock and placement of quarry rubble to Western end of bank complete, culvert extension underway.

6. FINANCIAL SUMMARY

Financial Summary	
Current Budget	\$ 7,505,226
Current Expenditure	\$ 3,131,917
Remaining Funds	\$ 4,373,309

7. HIGH LEVEL ROADMAP

Project Name	FY 2022/23				FY 2023/24				FY 2024/25	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
	Month Starting	July	October	January	April	July	October	January	April	July
Stage 1A Professional fees / Surveying / Project Management / Design	█									
Stage 1A Preparation of Resource Consent Documents					█					
Stage 1A Construction					█					
Stage 1B Professional fees / Surveying / Project Management / Design					█					
Stage 1B Preparation of Resource Consent Documents					█					
Stage 1B Construction									█	
Stage 2/3 Concepts / Budget									█	

8. MILESTONES

Milestone	Baseline Date	Tracking	Actual Date	Comment
Stage 1A Professional fees / Surveying / Project Management / Design	31-Aug-23	18-Aug		Complete
Stage 1A Preparation of Resource Consent Documents and Monitoring	08-Sep-23	08-Sep-23	21-Jul-23	Complete
Stage 1A Construction complete	31-Aug-23	09-Sep-23	25-Sep-23	Complete
Stage 1B Professional fees / Surveying / Project Management / Design	22-Dec-23	22-Dec-23		Construction observation underway
Stage 1B Preparation of Resource Consent Documents and Monitoring	14-Jul-23	24-Apr-24	19 July 2024	Consenting Complete, monitoring underway
Stage 1B Construction complete	15-Dec-23	25-Oct-24		Completion has been delayed due to consenting
Stage 3 Concept Design	31-Jul-23	30-Sept-24		Updated concepts received 18 Sept 2024 and SOQ received 23 Sept 2024. Updated budget being prepared.

9. CONSENTS

- Retrospective WCRC Consent for Stage 1A granted 21/7/23.
- Retrospective WDC Stage 1A Consent received 19 July 2024
- Stage 1B WCRC Resource Consent received 18 July 2024
- Stage 1B WDC Consent received 19 July 2024

10. PROJECT RISKS

ID #	Date last Reviewed	Short Risk Name	Source of Concern / Opportunity	Implications	Risk Owner	Governance Status	Rating	Trend	Governance Actions	Treatments / Mitigations
HR-RIS-03		Insufficient Budget	QS estimates indicate that the budget is insufficient for all 3 stages.	Increased cost	Project Manager	Unresolved	Medium	No Change	Approve variations when requested.	Competitively tender full scope and apply for additional funding if needed.
HR-RIS-04		Scope of works	Scope increases due to requirements from WDC, Heritage Hokitika, etc.	Increased cost	Project Manager	Unresolved	Medium	No Change	Approve variations when requested.	Forecast expenditure and apply for variations.
HR-RIS-05		Weather	Flooding from weather events causing damage during construction	Delay to programme HS Equipment damage Environmental	Contractor	Unresolved	Medium	No Change	Review plans and on-site implementation	Contractor management plans.
HR-RIS-01		Consent Processing	Lack of response or changing response from affected parties	Delay to programme	Project Manager	Resolved for Stage 1B.	Low	No Change	Provide support and input where required.	Risk to be reviewed as Stage 3 progressed
HR-RIS-02		Existing Infrastructure	Upgrades may require relocation of power poles and have effect on adjacent roading network and stormwater system	Delay to programme. Increased cost	Project Manager	Not fully resolved	Low	No Change	Approval of additional cost for relocations if required	Negotiations as needed with utility operators.

ID #	Date last Reviewed	Short Risk Name	Source of Concern / Opportunity	Implications	Risk Owner	Governance Status	Rating	Trend	Governance Actions	Treatments / Mitigations
HR-RIS-06		Iwi	Completing consultation for 1B Planting plan	Delay to programme, increased cost	Project Manager, Planner	Unresolved	Low	No Change	Meet Iwi on site once clearance completed and agree plan	

11. PROJECT ISSUES

ID #	Date Raised	Issue Description	Priority	Action Required	Issue Owner
HR-ISS-01	15 May 2023	Joint Committee request was made to review the priority and investigate feasibility/costs to progress Stage 3 ahead of Stage 2. This will delay design until the next stage is agreed.	High	Prepare concepts and budgets for discussion/review by Joint Committee	Project Manager
No current issues					

12. DEPENDENCIES

Ref #	Description	Urgency	Owner	Critical Date	Progress / Actions
HR-DEP-01	Joint Committee request was made to review the priority and investigate feasibility/costs to progress Stage 3 ahead of Stage 2. This will delay design until the next stage is established.	High	Project Manager	15-Sep-23	Concepts and budgets have been prepared for discussion/review by Joint Committee.
No current dependencies					

13. IWI / HAPŪ / WHĀNAU

Partnership / Relationship	Notes
Philippa Lynch / Susan Aitken	<ul style="list-style-type: none"> Affected Party Approval provided for Stage 1B. Planting plan to be agreed once vegetation clearance is complete Stage 3 Cultural Impact Assessment and stakeholder engagement to be progressed once Concept design approved.

14. PARTNERSHIPS / RELATIONSHIP MANAGEMENT

Partnership / Relationship	Notes
Heritage NZ	Discussion required for Stage 3 once concept established.
WDC	WDC Land Use Consent for Stage 1B received 19 July 2024. Stage 3 engagement to be progressed once concept design approved.
KiwiRail	Affected party approval for Stage 1B received 28 June 2024.
Ngati Waewae	Stage 1B Affected Party Approval received 28 March 2024.
Waka Kotahi	Waka Kotahi Affected Party Approval for stage 1B received 4 December 2023.

15. HEALTH AND SAFETY

- Contractor Report received 11 September 2024.
 - Reported one incident of Staff being abused by whitebaiters accessing the riverbank (driving).
- Site Inspection undertaken 18 September 2024, no issues noted.

WEST COAST REGIONAL COUNCIL

To: **Chair, West Coast Operations Committee**

*I move that the public be excluded from the following parts of the proceedings of this meeting, namely – **items 11 to 13** (all inclusive) due to privacy and commercial sensitivity reasons and that:*

1. *Darryl Lew, Tom Hopkins, Jo Field and Scott Hoare be permitted to remain at this meeting after the public have been excluded due to their knowledge of the subjects. This knowledge will be of assistance in relation to the matters to be discussed; and*

2. *That the minutes taker also be permitted to remain.*

Item No	General Subject of each matter to be considered	Reason for passing this resolution in relation to each matter	Ground(s) under section 7 of LGOIMA for the passing of this resolution
11.1	Confidential Minutes Infrastructure Governance Committee Meeting – 10 September 2024	The item contains information relating to commercial, privacy and security matters	To protect commercial and private information and to prevent disclosure of information for improper gain or advantage (s7(2)(a), s7(2)(b), and s7(2)(j)).
12.1	Actions List	The item contains information relating to commercial, privacy and security matters	To protect commercial and private information and to prevent disclosure of information for improper gain or advantage (s7(2)(a),

			s7(2)(b), and s7(2)(j)).
13.1	Franz Josef IGC Project Status Report September 2024 – Financial Public Excluded	The item contains information relating to commercial matters	To protect commercial information s7(2)(b)).
13.2	Greymouth IGC Project Status Report September 2024 – Financial Public Excluded	The item contains information relating to commercial matters	To protect commercial information s7(2)(b)).
13.3	Hokitika IGC Project Status Report September 2024 – Financial Public Excluded	The item contains information relating to commercial matters	To protect commercial information s7(2)(b)).