



## Notice of Meeting

A meeting of the Infrastructure, Climate Change and Emergency Management Committee will be held in the Council Chamber, 26 Gordon Street, Dannevirke on **Wednesday 17 July 2024** commencing at **1:00pm**.

Bryan Nicholson  
Chief Executive

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## Agenda

- 1. Welcome and Meeting Opening**
- 2. Apologies**
- 3. Public Forum**

A period of up to 30 minutes shall be set aside for a public forum. Each speaker during the public forum section of a meeting may speak for up to five minutes.

Standing Orders may be suspended on a vote of three-quarters of those present to extend the period of public participation or the period any speaker is allowed to speak.

With the permission of the Chairperson, members may ask questions of speakers during the period reserved for public forum. If permitted by the Chairperson, questions by members are to be confined to obtaining information or clarification on matters raised by the speaker.

- 4. Notification of Items Not on the Agenda**

Major items not on the agenda may be dealt with at this meeting if so resolved by the Committee and the Chairperson explains at the meeting at a time when it is open to the public the reason why the item was not listed on the agenda and the reason why discussion of the item cannot be delayed until a subsequent meeting.

Minor matters not on the agenda relating to the general business of the Committee may be discussed if the Chairperson explains at the beginning of the

meeting, at a time when it is open to the public, that the item will be discussed at that meeting, but no resolution, decision or recommendation may be made in respect of that item except to refer it to a subsequent meeting.

<b>5.</b>	<b>Declarations of Conflicts of Interest in Relation to this Meeting's Items of Business</b>	
<b>6.</b>	<b>Confirmation of Minutes</b>	<b>3</b>
	<i>Recommendation</i>	
	<i>That the minutes of the Council meeting held on 19 June 2024 (as circulated) be confirmed as a true and accurate record of the meeting.</i>	
<b>7.</b>	<b>Reports</b>	
<b>7.1</b>	<b>Infrastructure Management Report</b>	<b>7</b>
<b>7.2</b>	<b>Emergency Management Update Report</b>	<b>21</b>
<b>7.3</b>	<b>Adoption of Draft Waste Management and Minimisation Plan for Consultation</b>	<b>25</b>
<b>7.4</b>	<b>Cyclone Gabrielle Recovery Roding Update</b>	<b>33</b>
<b>7.5</b>	<b>Cyclone Gabrielle General Recovery Update</b>	<b>39</b>
<b>7.6</b>	<b>Capital Portfolio Report</b>	<b>43</b>
<b>8.</b>	<b>Items not on the Agenda Accepted in Accordance with the Procedure Outlined as per Agenda Item 4</b>	
<b>9.</b>	<b>Closure</b>	



Minutes of a meeting of the Infrastructure, Climate Change and Emergency Management Committee held in the Council Chamber, 26 Gordon Street, Dannevirke on Wednesday 19 June 2024 commencing at 1:00pm.

## **1. Present**

Cr K A Sutherland (Chairperson), Her Worship the Mayor - Mrs T H Collis, Crs E L Peeti-Webber (Deputy Mayor), N L Chase, A K Franklin, S M Gilmore, P A Johns, M F Long, S A Wallace and S M Wards

### **In Attendance**

Mr B Nicholson	- Chief Executive
Mrs K Tani	- Group Manager – Strategy and Community Wellbeing
Mr H Featonby	- Group Manager - Infrastructure
Mr D Watson	- Manager – Special Projects
Mr P Wimsett	- Chief Advisor
Mr R Earp	- 3-Waters Manager
Mr M Dunn	- Manager – Programmes and Projects
Mr D Cameron	- Recovery Manager
Mr D Erard	- Alliance Manager
Mr A Desmond	- Capital Projects Manager
Mrs A Dunn	- Manager – Democracy Services
Ms S Ellis	- Democracy Support Officer

## **2. Meeting Opening**

The Chairperson opened the meeting with Prayer.

*The meeting adjourned at 1:01pm and reconvened at 1:29pm*

## **3. Apologies**

There were no apologies.

#### **4. Public Forum**

There were no requests for Public Forum.

#### **5. Notification of Items Not on the Agenda**

Roading Submission – Chief Advisor

#### **6. Declarations of Conflicts of Interest in Relation to this Meeting's Items of Business**

Nil

#### **7. Confirmation of Minutes**

7.1 *That the minutes of the Council meeting held on 15 May 2024 (as circulated) be confirmed as a true and accurate record of the meeting.*

*Johns/Wallace*

*Carried*

#### **8. Reports**

##### **8.1 Infrastructure Management Report**

The Infrastructure, Climate Change and Emergency Management Committee considered the report of the Group Manager - Infrastructure dated 04 June 2024 which provided an update on key activities and items of interest over the period 12 May to 10 June 2024. In discussion, it was queried whether a spray could be used for grass management to cut back on mowing costs during the winter period, and the results from the bulk flow meters installed to establish the locations of water loss were requested. It was noted that ongoing solid waste projects would be discussed at the next meeting.

*That the report from the Group Manager - Infrastructure dated 04 June 2024 concerning the Infrastructure Management Report be received.*

*Gilmore/Collis*

*Carried*

##### **8.2 Cyclone Gabrielle Roding Recovery Report**

The Infrastructure, Climate Change and Emergency Management Committee considered the report of the Group Manager - Infrastructure dated 11 June 2024 which provided an update on the roading recovery, funding, and funding implications for the Cyclone Gabrielle roading recovery.

*That the report from the Group Manager - Infrastructure dated 11 June 2024*

*concerning the Cyclone Gabrielle Roothing Recovery Report be received.*

*Wallace/Peeti-Webber*

*Carried*

### 8.3 **Cyclone Gabrielle General Recovery Report**

The Infrastructure, Climate Change and Emergency Management Committee considered the report of the Recovery Manager dated 10 June 2024 that provided a general update on the Cyclone Gabrielle recovery. In regards to community hubs, it was asked whether Woodville had also been approached for adverse event preparations and training. It was responded that they had, but were yet to respond.

*That the report from the Recovery Manager dated 10 June 2024 concerning the Cyclone Gabrielle General Recovery Report be received.*

*Chase/Long*

*Carried*

### 8.4 **Capital Portfolio Report**

The Infrastructure, Climate Change and Emergency Management Committee considered the report of the Manager - Programmes & Projects dated 06 June 2024 that provided an update on the capital programme and key project statuses. In discussion it was asked whether the land acquisition for the Dannevirke fluoridation plant truck turning bay had been completed; it was responded that conversations to this effect were ongoing, and that a report would be presented to Council at a later date.

In regards to the formalisation of the Tū Mai Rā funding agreement, it was reiterated that \$100k was the minimum amount specified for recuperation by Council as per contractual obligation, and that it would be expected upon completion of the project. It was highlighted that no funding agreement had been formalised to clarify exactly when this would take place.

*That the report from the Manager - Programmes & Projects dated 06 June 2024 concerning the Capital Portfolio Report be received.*

*Wallace/Wards*

*Carried*

## 9. **Items not on the Agenda**

### 9.1 **Submission on Emergency Works Investment Policies Review**

The Chief Advisor presented a draft submission to be sent to NZTA Waka Kotahi regarding roading repairs and maintenance to improve resilience for future adverse events. Within, he recommended NZTA Waka Kotahi reconsider looking towards ratepayer funding for roading and instead consider construction of a Crown-based framework with a user pays funding system. This would establish a lasting, extant process wherein additional funding could be obtained in the event

of any future adverse events, notably as these events would likely increase in frequency and magnitude.

***That the submission to NZTA Waka Kotahi regarding the Emergency Works Investment Policies review be approved.***

***Gilmore/Johns***

***Carried***

## 9.2 **Attendance at Infrastructure Symposium**

It was noted that a report on attendance at the recent Infrastructure Symposium would be provided at the next meeting.

There being no further business the Chairperson thanked those present for their attendance and contributions, and declared the meeting closed at 2:24pm.

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Chairperson



## Report

Date : 11 July 2024

To : Chairperson and Committee Members  
Infrastructure, Climate Change and Emergency Management Committee

From : Hamish Featonby  
Group Manager - Infrastructure

Subject : **Infrastructure Management Report**

Item No : **7.1**

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### **1. Recommendation**

1.1 *That the report from the Group Manager - Infrastructure dated 08 July 2024 concerning the Infrastructure Management Report be received.*

### **2. Reason for the Report**

2.1 This report is to update the Infrastructure, Climate Change and Emergency Management Committee on key activities and items of interest over the period 11 June to 8 July 2024.

### **3. Management Update**

3.1 The end of the financial year is always a busy time for the Infrastructure teams. There's a concerted effort to finish up projects and budgets before the funding for the financial year expires and to collate capitalisation and KPI achievement information in time for reporting deadlines. Adding to this is the end of the 3 year funding and the adoption of the new long term plan (LTP) which complicates the challenge. The teams have been asked to consider the new LTP as a reset and so are being deliberate about closure of existing projects and minimising carry forward to only projects under contract or physical works delivery. This will allow a much cleaner start to the LTP with the plan for the year including the newly approved programmes and not much else.

### **4. Transport**

4.1 **Management Overview**

The end of June has brought us to the end of the 2021-24 National Land Transport Programme (the end of the 3-year block funding period). The last few months have seen the Transport operation focus on expending the remaining budget, as the NZTA Share cannot be carried forward into the next Financial Year.

The team have been keenly aware of the need to complete the planned Transport programme this month to make the most of the Subsidised NZTA funding. The disruption caused by the storm events over 2022 and 2023 delayed previous years planning and expenditure, placing additional pressure on the transport team this year. Efforts over the past 6 months have seen a significant volume of works completed, thus allowing us to near zero out the available budgets.

#### 4.2 Strategic Planning

Looking forward, attention is heavily focussed on the commencement of the 2024-27 NLTP. The updated Government Policy Statement on Land Transport has resulted in a change in focus of NZTA.

As reflected in the Transport Budget announcement, emphasis on Multi-Modal Transport (footpaths & cycling) and Road Safety initiatives (Road to Zero) have been reduced, with greater emphasis placed on Road Maintenance and Renewals activities (the Pothole Prevention Fund). Given the nature of our transport network, the changes align closer with the needs of the Tararua District, as defined in our Transport Activity Management Plan.

While the changes to the AMP align with the district's needs and strategic priorities, the timing of the changes complicates things, having drafted the AMP under the previous government's Transport GPS.

The changes now require us to review our Transport AMP. The purpose of the review is to make sure the document and proposed strategy are achievable within the available budgets.

The table on the following page outlines the funding adjustments resulting from the revised GPS and budget announcement. Note: These are indicative and yet to be approved by NZTA. Local Roads Operations see the largest reduction, which will impact Level of Service in the associated Activities.



	Description	Indicative Funding from NZTA (6/6/24)	LTP Adjusted Figures	Variance
Operations	Structures maintenance	\$1,601,459.71	\$1,971,800.58	-\$370,340.87
	Environmental maintenance	\$3,281,056.02	\$4,039,807.00	-\$758,750.98
	Network service maintenance	\$1,152,082.53	\$1,418,504.00	-\$266,421.47
	Network operations	\$0.00	\$0.00	\$0.00



Rail level crossing warning devices maintenance	\$87,493.05	\$107,726.00	-\$20,232.95
Minor events	\$1,074,446.61	\$1,322,914.60	-\$248,468.00
Network and asset management	\$3,117,380.36	\$3,838,281.00	-\$720,900.64
Structures component replacements	\$2,358,213.30	\$2,903,555.00	-\$545,341.70
Environmental renewals	\$0.00	\$0.00	\$0.00
Traffic services renewals	\$852,868.42	\$1,050,096.00	-\$197,227.58
<b>Total Local road operations</b>	<b>\$13,525,000.00</b>	<b>\$16,652,684.18</b>	<b>-\$3,127,684.18</b>

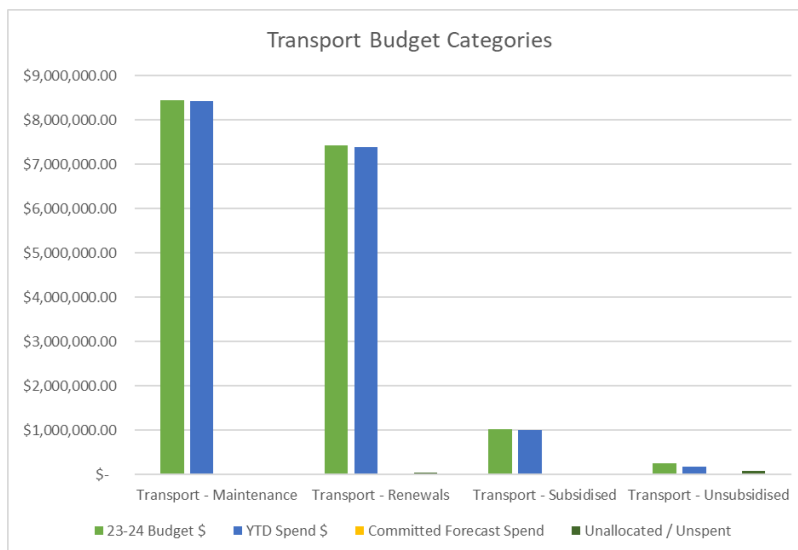
Pothole Prevention	Sealed pavement maintenance	\$9,157,908.43	\$9,208,563.00	-\$50,654.57
	Unsealed pavement maintenance	\$2,294,230.07	\$2,306,920.00	-\$12,689.93
	Routine drainage maintenance	\$5,600,248.94	\$5,631,225.25	-\$30,976.31
	Unsealed road metalling	\$3,034,018.86	\$3,050,800.74	-\$16,781.88
	Sealed road resurfacing	\$13,230,285.13	\$13,303,464.98	-\$73,179.85
	Drainage renewals	\$3,582,668.57	\$3,602,485.16	-\$19,816.59
	Sealed road pavement rehabilitation	\$7,562,640.01	\$7,604,470.77	-\$41,830.76
<b>Total Local road pothole prevention</b>	<b>\$44,462,000.00</b>	<b>\$44,707,929.90</b>	<b>-\$245,929.90</b>	

<b>Budgets not confirmed by NZTA</b>			
Footpath maintenance	TBC	\$620,127.91	TBC
Footpath renewal	TBC	\$800,000.00	TBC
Low Cost / Low Risk Programme	TBC	\$5,365,000	TBC
<b>Total Unconfirmed Budgets</b>	<b>TBC</b>	<b>\$1,420,127.91</b>	<b>TBC</b>

\*Note: we have been advised that we will likely receive less than requested within the Walking/Cycling Work Categories



### 4.3 Transport Budget Categories



#### 4.3.1 Transport Maintenance

Come the end of the Financial Year and the end of the NLTP 2021-24 period, the Transport Maintenance budget has been fully expended.

#### 4.3.2 Transport Renewals

Come the end of the Financial Year and the end of the NLTP 2021-24 period, the Transport Renewals budget has been fully expended.

4.3.3 Transport - Subsidised

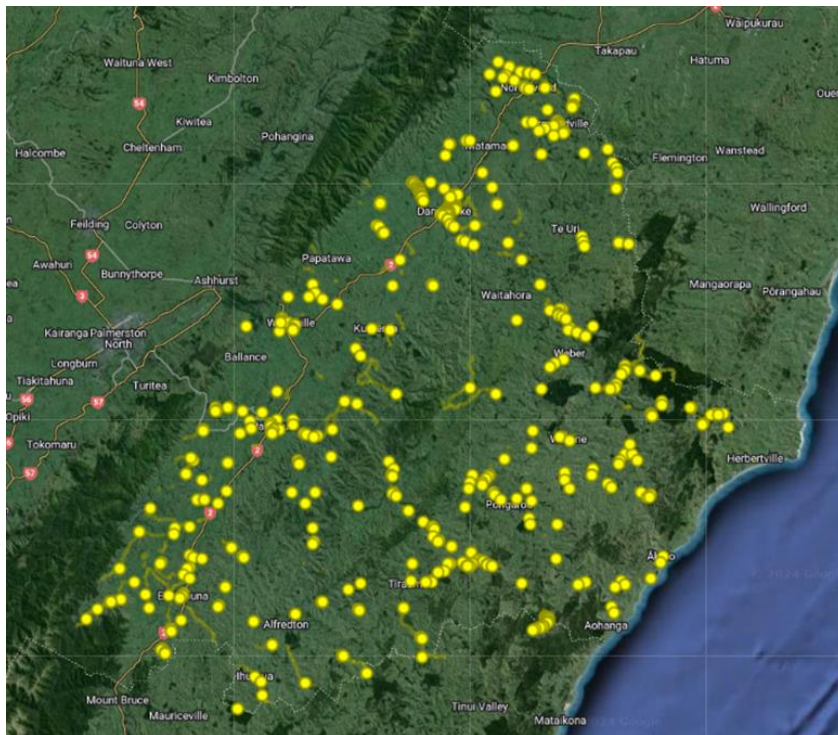
\$48,130 of the Subsidised budget remains unspent at the end of the 2021-24 NLTP period. This is associated savings related to the LED Lighting Upgrade Project and the Stairs Steet and Church Street roundabout upgrades being completed underbudget.

4.3.4 Transport Unsubsidised

\$71,000 of the Transport Unsubsidised budget has not been expended. The bulk of this is associated with Rural Noxious Weed Spraying. This amount is planned to be carried forward into the 2024/25 FY as part of the Wildling Pine spraying programme currently under development.

4.4 Completed Dispatches across the District

A total of 811 dispatches have been Closed/Completed in June. The below image and table provides detail of the activities.

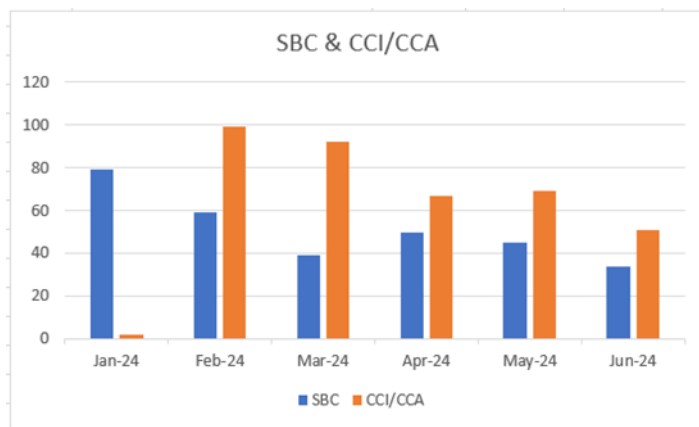
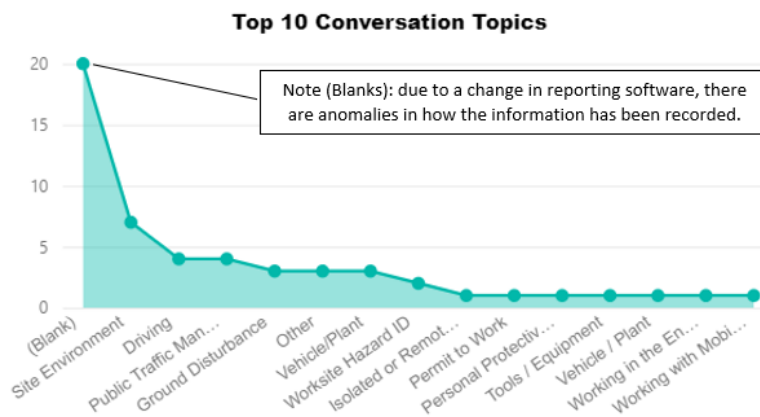


Asset Type		# completed
Bridges	Maintenance / Waterway clearing / Structural repairs	3
Drainage(Culverts)	Blocked culvert clearing / Replacement / Repairs	58
Emergency	Storm Damage repairs	150
Environmental	General Detritus	10
Major Treatments	Reseals	78

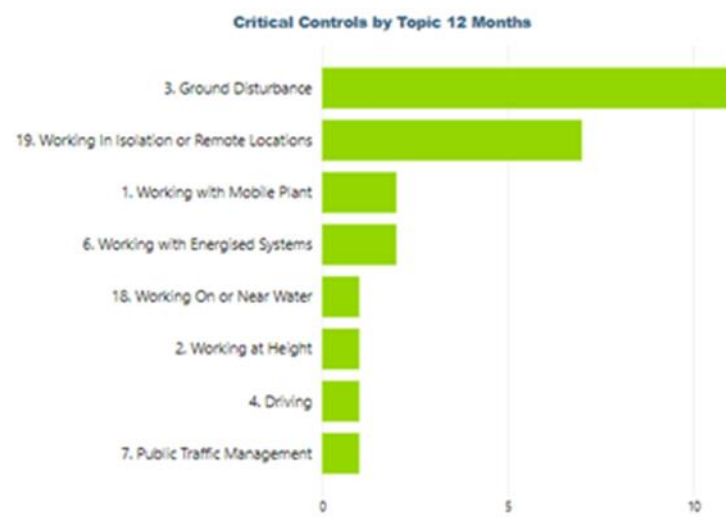
Pavement Sealed	Stabilisation / Digouts / Potholes	144
Pavement Unsealed	Grading / Metalling / Potholes	101
Railings	Sight rail painting	1
Signs	EMPs / Sign Maintenance & Cleaning / Sign Replacement	249
Surface Water Channels	Kerb & Channel Replacement	4
Vegetation	Overhead tree clearing / Spraying	13
<b>Grand Total</b>		<b>811</b>

#### 4.5 Alliance Zero Harm Audits

The Alliance key focus areas are driving, traffic management and environmental compliance.



SBC = Safety Behaviour Conversation  
CCI = Critical Control Inspection  
CCA = Critical Control Audit



## 5. 3-Waters

### 5.1 Consents and Compliance

5.1.1 Wastewater Sampling. With effect July 24 TDC will assume responsibility for all wastewater and landfill sampling and the results will now be processed through Central Environmental Laboratories in Palmerston North. Horizons Regional Council (HRC) has been managing the sampling and processing all the wastewater and landfill sampled on behalf of TDC. Bringing this responsibility in house will reduce cost, make better use of existing resources (TDC was already completing all water sampling) and will provide a faster turnaround of the results.

5.1.2 Norsewood Wastewater Treatment Plant. TDC has received a 'Please Explain' request from HRC in relation to a non-compliance with condition 6 of the resource consent which states:

Prior to 1 September 2016 the consent holder must begin using the clarifier and tephra filters and record the results of these trials. The results from these trials shall be submitted to Manawatu-Whanganui Regional Council's Regulatory Manager by the last working day of each month.

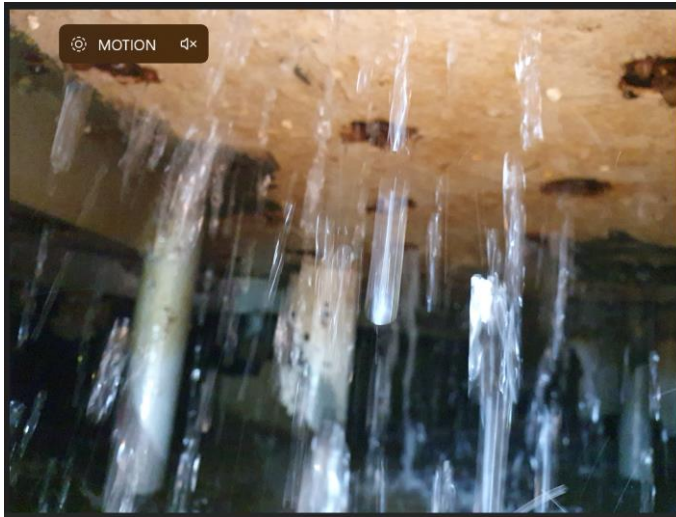
5.1.3 TDC have never installed a clarifier or tephra filters at Norsewood and would no longer do so as this technology is not appropriate for the situation. To address this non-compliance an alternative treatment process will have to be identified and a new consent applied for.

5.1.4 HRC has given TDC until the 9 August 24 to respond requiring:

- An explanation as to why the tephra filter was not commissioned as required.
- Actions that will be taken to address the non-compliance.
- Actions that will be taken to achieve compliance, including a timeframe by which these actions will be implemented.

## 5.2 Operations

- 5.2.1 Pongaroa Rural Water Supply. Maintenance of the Automatic Valveless Gravity Filter (AVG) at the head of the Pongaroa rural water supply commenced on the 8 July 24. A team of experts have been assembled to complete this work. A new set of nozzles have arrived from Germany and the media material (including silica, course sand, pea metal) has been prepositioned on site ready to be installed. The repairs to the AVG filter will improve the treatment of the raw water turbidity and enhance the resilience of the treatment plant during high rainfall events.

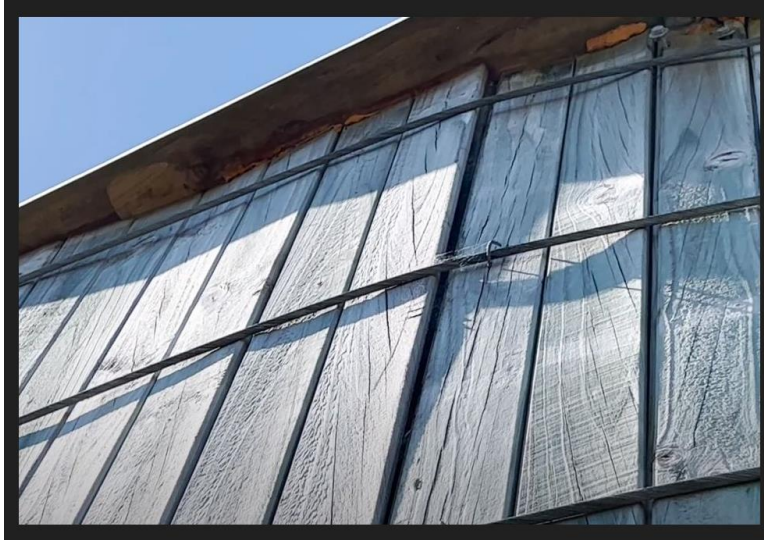


- 5.2.2 Eketahuna # 1 Reservoir. Repairs and maintenance to the Eketahuna # 1 Reservoir will commence on the 15 July 2024 and are scheduled to be completed in 5 days. To enable this work to be completed scaffolding is being installed and the reservoir will have to be emptied. Timber Tanks NZ, the original installer of the reservoir will complete external repairs and then NES Inspections will complete an internal clean and restoration of some fittings.



The Community have been advised of this work and water will continue to be supplied utilising the Eketahuna # 2 Reservoir which holds 4500 litres, approx. 1.5 days of supply at normal demand. The # 2 Reservoir is scheduled to be cleaned commencing week starting 5 August 24.

Buckled Panels



Roof Bolts



### 5.3 **Asset Management**

#### 5.3.1 Strategic Planning and Three Waters Advisory Group.

An Investment Logic Mapping (ILM) has been completed to inform the strategic objectives of the Advisory Group and it is currently being socialised with stakeholders. Once this is completed it will be ratified by the Advisory Group and then presented to Council.

#### 5.3.2 In addition, a Tararua District 3 Waters Roadmap has been developed to reflect the different programmes of work that are currently underway and the most critical minor projects. A copy of the Roadmap is attached to this report.

5.4 **Staffing**

Recruitment Update:

- Water and Wastewater Operations Manager – the first round of advertising was unsuccessful; the role has been readvertised.
- Utilities Engineer – the first round of advertising was unsuccessful; the role has been readvertised.

Recruitment has yet to commence for three further roles utilising the Better off Funding:

- Trade Waste Officer
- Drinking Water Compliance Technician
- Water Operator

**6. Solid Waste**

6.1 Operational Activities

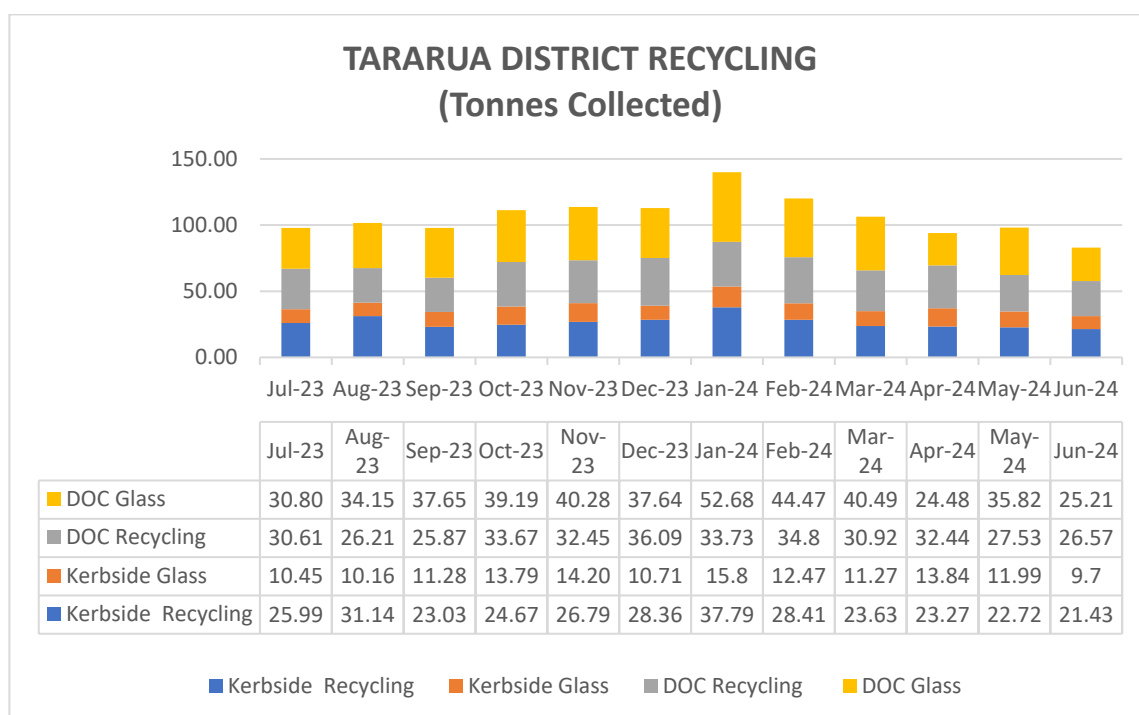
Budget/Activity	
<ul style="list-style-type: none"> <li>➤ Refuse Transfer Stations</li> <li>➤ (RTS Sites)</li> </ul>	<ul style="list-style-type: none"> <li>• Since we in-housed the running of our Transfer Stations 7 months ago, the staff have been very busy, while consistently performing their normal daily tasks, interacting with the general public onsite, and providing assistance when needed, plus they have shifted a significant amount of various historic stockpiles mostly from Pahiatua &amp; Dannevirke sites which is fantastic for the overall tidiness of all 4 Transfer Stations. There is still a lot more improvements to take place as we continue our journey forward, and probably will be for some time yet. The biggest improvement that has made all the difference in this 7 months, has been watching these individuals evolve and grow into a collaborative Team! We recently had our first official Toolbox meeting where the Team were fully engaged, sharing ideas and experiences in various topics for discussion.</li> <li>• Health &amp; Safety – The final task left to complete the H&amp;S set up at Dannevirke RTS is the new line marking and signage to align with our Traffic Management Plan, currently waiting on a quote from the Alliance Team, and maybe some better weather for line marking.</li> <li>• Health &amp; Safety – We have engaged our Consultant again to work with us in creating a Pahiatua RTS version for our H&amp;S system. Extracting all standard generic information and processes contained in Dannevirke’s version, but tailored to</li> </ul>

Budget/Activity	
	<p>Pahiatua’s very different site set up, challenges and limitations.</p> <ul style="list-style-type: none"> <li><b>JUNE:</b> <ul style="list-style-type: none"> <li>Waste diverted from landfill 2.77 Tonne</li> <li>Contaminated recycling to Landfill 1.80 Tonne</li> </ul> </li> </ul>
Recycle Drop-off Centres (DOC Sites)	<ul style="list-style-type: none"> <li>Town recycling bin services going well, with no reported issues or complaints.</li> </ul>
➤ Kerbside Recycling Services	<ul style="list-style-type: none"> <li>Services continue with no reported issues or complaints.</li> </ul>

## 6.2 Operational Projects

Project	Status	Estimated Cost	Expected Completion	Comments
Waste Management & Minimisation Plan Review			Sept 24	Draft WMMP Adopted – Consultation process commencing 18 July with Final Adoption in September.

## 6.3 Waste Minimisation



## Attachments

1. Tararua District 3 Waters Roadmap

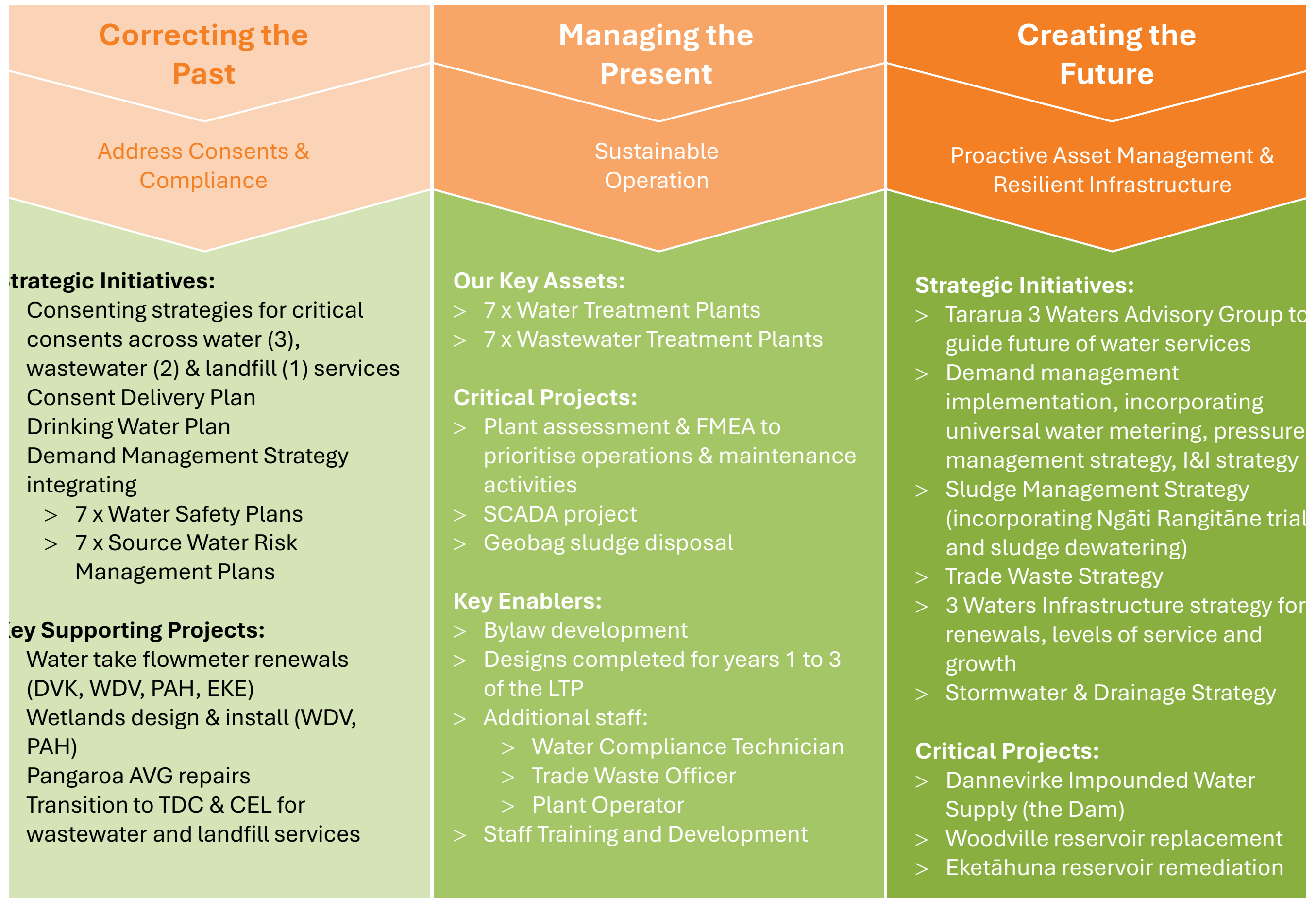






# Tararua District 3 Waters Roadmap

Date: 9 July 2024  
DRAFT







## Report

Date : 11 July 2024

To : Chairperson and Committee Members  
Infrastructure, Climate Change and Emergency Management Committee

From : Peter Sinclair  
Emergency Management Advisor

Subject : **Emergency Management Update Report**

Item No : **7.2**

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### 1. Recommendation

- 1.1 *That the report from the Emergency Management Advisor dated 08 July 2024 concerning the Emergency Management Update Report be received.*

## Executive Summary

This report provides an overview of the operational capabilities, community resilience efforts, engagement with Iwi/ Māori stakeholders, status of community response planning, and updates.

### 2. Reason for the Report

- 2.1 The reason for this report is to provide an update on emergency management matters at Tararua District Council to the Infrastructure, Climate Change and Emergency Management Committee.

### 3. Operational Capability

- 3.1 In terms of operational capability, we presently have 99% of our staff training at foundation level, with 87% at intermediate level. Additionally, we have proactively scheduled 6 staff members for future intermediate training courses, 22 staff booked on function specific training courses, and 1 booked onto a controller's course, ensuring ongoing development and preparedness within our team.

## **4. Community Resilience**

- 4.1 Council recovery team secured, on behalf of community civil defence groups, funding from MPI for emergency hub resilience initiatives. To streamline the coordination of this funding, a new role within the recovery team was established and filled - the Local Recovery Community Hub Coordinator. This position collaborates closely with the Emergency Management Officer and community civil defence groups to conduct needs assessments, identifying key areas for enhancing the resilience of community emergency hubs. Equipment procured through MPI funding has been successfully delivered to impacted communities, reinforcing their preparedness efforts. This equipment included alternatives for electrical appliances such as gas hobs or barbecues, generators and diesel heaters.
- 4.2 New community civil defence response groups (community hubs) in Herbertville, Te Uri, Kumeroa, Weber, Alfredton, and Makuri, have been formed with the local community civil defence plans nearing finalisation. These new groups add to the already established groups in Norsewood, Akitio, Pongaroa, Woodville, Pahiatua and Eketāhuna. Additionally, the trailer generator acquired through funding from NZ Lotteries, facilitated by the DIA, for the powering of the Akitio cell phone site has been thoroughly tested and delivered. Participation in events such as the Dannevirke A & P show and talks at Probus etc. helps provide a platform to promote emergency plans and grab kits.
- 4.3 Based on community survey results, a communication plan is being developed to further promote community self-preparedness, of having a household emergency plan and enough supplies to last households at least 3 - 7 days.

## **5. Stakeholder Engagement**

- 5.1 The Emergency Management groups last met on 9 May 2024. These meetings are held quarterly to discuss stakeholder capabilities and to form networking relationships which proved valuable during the Cyclone Gabrielle response. St Johns gave a very good capability presentation to both meetings.
- 5.2 The Emergency Management Response group comprises of iwi, emergency services, lifeline utilities, Tararua Alliance, rural support trust, and Horizons.
- 5.3 The Emergency Management Welfare group comprises of iwi, police, community boards, Community Civil Defence Groups, MSD Tararua Community Services, public health, Tararua health group and Te Whatu Ora Mid Central.
- 5.4 Rangitāne o Tamaki nui-ā-Rua and Ngāti Kahungunu ki Tāmaki-nui-a-Rua actively participate in Emergency Management Response and Welfare group meetings and attend training courses, fostering collaboration and information exchange. Regular attendance by the EMO at Iwi/TDC operations meetings has facilitated ongoing dialogue and cooperation. Iwi members attended a first aid course held in March 2024 and a civil defence centre and needs assessment course held on 5 June.

Furthermore, collaborative efforts towards Marae preparedness initiatives are underway by Rangitāne o Tamaki nui-ā-Rua in collaboration with Council officers.

## **6. Cyclone Gabrielle Recovery**

6.1 Efforts towards Cyclone Gabrielle recovery remain ongoing. Council officers are currently reviewing the learnings and recommendations of the Hawkes Bay Response to Cyclone Gabrielle. Council's GIS manager Blair Rogers has developed some GIS systems that will enable us to create a better operating picture during an event. This, along with the review report will be presented at a future ICCEM meeting.

## **7. Regional Plan Update**

7.1 Where a Civil Defence Emergency Management (CDEM) Group Plan has been in operation for 5 years or more, it is required by the Civil Defence Emergency Management Act 2002 to be reviewed.

7.2 The Manawatu/Whanganui (MW) CDEM Group Plan review began in 2021 and focused on the Hazard review. This was put on hold in 2023 due to uncertainties surrounding the new development of an Emergency Management Bill. In April 2024 the government informed they would no longer be progressing the new EM bill in its current form, and the formal review was reinstated to meet legislative requirements.

7.3 On this basis the MW CDEM Group Plan review is recommencing with an aim to be completed by the end of the 2025 calendar year. The Group Plan must be approved by the Chair MW CDEM Joint Standing Committee and signed off by the Minister for Emergency Management and Recovery, the planned timeframe allows adoption by February 2026. The project is deemed complex based on the following factors:

- The Plan represents a number of organisations
- It will involve a regional working group
- It requires significant stakeholder involvement and communication
- It must be consistent with national legislation and guidance

## **Attachments**

Nil.







## Report

Date : 12 July 2024

To : Chairperson and Committee Members  
Infrastructure, Climate Change and Emergency Management Committee

From : Allie Dunn  
Manager - Democracy Services

Subject : **Adoption of Draft Waste Management and Minimisation Plan for Consultation**

Item No : **7.3**

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### 1. Recommendation

- 1.1 *That the report from the Manager - Democracy Services dated 09 July 2024 concerning the Adoption of Draft Waste Management and Minimisation Plan for Consultation be received.*
- 1.2 *That the Committee approves the combined Statement of Proposal and the Tararua District Council's draft Waste Management and Minimisation Plan for public consultation in accordance with s83 of the Local Government Act 2002 and s44 of the Waste Minimisation Act 2008.*
- 1.3 *That the Committee notes the consultation period will be from 18 July 2024 to 18 August 2024.*

### 2. Reason for the Report

- 2.1 To present the draft Waste Management and Minimisation Plan and the summary of information to the committee for adoption for consultation under the special consultative procedure outlined in the Local Government Act 2002.

### **3. Background**

- 3.1 At the meeting of the Infrastructure, Climate Change and Emergency Management Committee held on 16 August 2023, the committee resolved to note the 31 July 2023 draft Waste Assessment.
- 3.2 The Waste Assessment Plan and the Medical Officer of Health feedback obtained on 29 August 2023, was received by the Committee on 9 November 2024, and resolved to proceed with a new Waste Management and Minimisation Plan in accordance with section 50(3) of the Waste Minimisation Act 2008.
- 3.3 A new Waste Management and Minimisation Plan was drafted, and presented to the Infrastructure, Climate Change and Emergency Management Committee meeting on 21 February 2024.

### **4. Discussion and Consideration of options**

- 4.1 At its meeting held 21 February 2024, the committee considered the draft Waste Management and Minimisation Plan, and made the following resolution:

*“That the report from the Transport Manager dated 11 February 2024 concerning the Draft Waste Management and Minimisation Plan be received.*

*That the DRAFT Waste Management and Minimisation Plan be received.*

*That the DRAFT Waste Management and Minimisation Plan be consulted on in accordance with the “special consultative procedure” (section 83 of the Local Government Act 2002).”*

- 4.2 The requirements for any consultation under section 83 of the Local Government Act 2002 are as follows:

The council must prepare and adopt a statement of proposal, and if it considers it necessary to enable public understanding of the proposal, a summary of the information contained in the statement of proposal.

The Council must ensure the following is publicly available:

- The statement of proposal;
- A description of how the Council will provide persons interested in the proposal an opportunity to present their views; and
- A statement of the period within which views on the proposal can be provided to the Council. This period can not be less than one month from the date the statement is issued.

- 4.3 In addition to the above, the Waste Minimisation Act 2008 requires that the Waste Assessment undertaken by the Council be notified alongside the consultation on the draft Waste Management and Minimisation Plan.

4.4 The draft Waste Management and Minimisation Plan received by the Committee in February has been rebranded with Tararua District’s Council’s branding, and an updated copy attached for information. No other changes have been made to the draft Plan received by the committee in February 2024.

4.5 Also attached is the statement of proposal. The statement of proposal provides a summary of the proposed plan, and outlines the submission period, proposed dates for hearing of submissions, and information about how to submit on the plan.

## **5. Consultation**

5.1 Following adoption by the committee, there will be a notice in the Council page in the Bush Telegraph on 22 July 2024, and a consultation page on Council’s website through the “Have Your Say” page will be made live. This page will have information about the consultation, including links to the draft Plan, the statement of proposal and a submission form. Printed copies of the consultation information will be available for collection from Council’s service centres / libraries, and social media posts will be arranged during the consultation period to create awareness and encourage participation in the consultation.

## **6. Statutory Requirements**

6.1 The Waste Minimisation Act 2008 encourages a reduction in the amount of waste generated and disposed of in New Zealand. The aim is to reduce the environmental harm of waste and to provide economic, social and cultural benefits. The Act specifically ‘clarifies the roles and responsibilities of territorial authorities with respect to waste minimisation’, which is ‘to promote effective and efficient waste management and minimisation within their districts’. This is achieved by having a Waste Management and Minimisation Plan.

6.2 Waste Management and Minimisation Plans must include objectives, policies and methods to achieve the above, and to show how implementation will be funded. Councils must also consider the waste hierarchy, have regard to the New Zealand Waste Strategy and their most recent waste assessment.

6.3 Sections 43 and 44 of the Waste Minimisation Act 2008 set out requirements for the Waste Management and Minimisation Plan, and requirements for preparing or amending a waste management and minimisation plan.

6.4 The Council is required to use the special consultative procedure outlined in section 83 of the Local Government Act 2002 for consulting the community on its Waste Management and Minimisation Plan.

## **7. Conclusion**

7.1 The draft Waste Management and Minimisation Plan is ready for consultation with the community. The statement of proposal outlining how the community can have their say on the draft plan has been completed, and is appended to this report.

7.2 Once approved by the committee for consultation, the statement of proposal, the draft Waste Management and Minimisation Plan and the Waste Assessment completed in July 2023 will be publicly notified, with consultation scheduled for 18 July 2024 to 18 August 2024.

## **Attachments**

1 [↓](#). Statement of Proposal - Draft Waste Management and Minimisation Plan 2024



# Statement of Proposal

## Draft Waste Management and Minimisation Plan

### Introduction

Tararua District Council seeks your views on its draft Waste Management and Minimisation Plan.

The current Waste Management and Minimisation Plan was adopted in 2017 and is now due for review.

This statement of proposal is prepared under sections 83 and 87 of the Local Government Act 2002 and contains:

- a copy of the draft Waste Management and Minimisation Plan 2023;
- a copy of the Waste Assessment adopted in August 2023;
- how you can have your say; and
- timetable for consultation.

In summary, the Waste Management and Minimisation Plan sets out Council's plans to minimise and manage the waste in the Tararua District. Council has a key role in collecting, sorting and transferring waste, but we need to work in partnership with our community, businesses and industry to achieve our goals.

Managing waste and ensuring good outcomes for the community can be a complex task. We need to look after the environment, take care of people's health, and make sure that this is done at an acceptable cost to the community. To achieve those outcomes will require all parts of the community to work together.

The Council is required under the Waste Minimisation Act 2008 to promote effective and efficient waste management and minimisation within the Tararua District. One of the key ways we do this is to adopt a Waste Management and Minimisation Plan. We also have obligations under the Health Act 1956 to ensure that our waste management systems promote public health.

The Waste Management and Minimisation Plan sets the priorities and strategic framework for managing waste in the Tararua District. Once the plan is adopted, the actions will be carried through into our Long Term Plan and Annual Plans to ensure we have the resources to deliver the plan's goals and objectives.

In line with the requirements of section 50 of the Waste Minimisation Act 2008, our Waste Management and Minimisation Plan needs to be reviewed at least every six years after its adoption. Many of the actions from the previous Waste Management and Minimisation Plan have been completed, and in particular the areas of waste minimisation education and community engagement.

 TARARUA DISTRICT COUNCIL

## The structure of the plan

The plan is set out in three parts:

**Where we are now** – this part contains the background information that has informed the development of the Waste Management and Minimisation Plan. Most of this information is contained in the Waste Assessment, which is included in Part C.

**Where we want to go** – this contains the core elements of the strategy including vision, goals, objectives and targets. It essentially sets out what we are aiming to achieve, and the broad framework for working towards the vision.

**How we are going to get there** – the action plan sets out the proposed specific actions to be taken to achieve the goals, objectives and targets set out in Part A. Part B also sets out how we will monitor and report on our actions and how they will be funded.

## Consultation

In preparing, amending or revoking a Waste Management and Minimisation Plan, Council must use the Special Consultative Procedure set out in section 83 of the Local Government Act 2002, and in doing so, must also notify the most recent Waste Assessment undertaken by the Council in accordance with section 51 of the Waste Minimisation Act 2008 with the Statement of Proposal.

Council has prepared and adopted the draft Waste Management and Minimisation Plan, including the Waste Assessment adopted in August 2023, for public consultation. Any person can make a submission on the draft Waste Management and Minimisation Plan and we invite you to have your say.

The following dates are relevant to the consultation process:

- (a) The Waste Assessment including feedback from the Medical Officer of Health was adopted by the Infrastructure, Climate Change and Emergency Management Committee on 15 November 2023.
- (b) Council resolved to undertake public consultation regarding the Waste Management and Minimisation Plan at the Infrastructure, Climate Change and Emergency Management Committee meeting on 21 February 2024.
- (c) The Statement of Proposal was adopted by the Infrastructure, Climate Change and Emergency Management Committee on 17 July 2024.
- (d) Submissions open on 18 July 2024
- (e) Submissions close on 18 August 2024

Submissions will be heard before Council at an extraordinary meeting to be held 9:00am, 4 September 2024.

**The key point to note is that consultation opens on 18 July 2024 and closes on 18 August 2024.**

You are encouraged to participate in this important consultation process.

There are several ways you can have your say. A submission form is provided with this document, or you can fill in your submission online.

## How to get your submission to us:

**Mail to:** Draft Waste Management and Minimisation Plan  
Taranua District Council  
PO Box 115  
Dannevirke 4942

**Email to:** [submissions@tararua.govt.nz](mailto:submissions@tararua.govt.nz)

**Deliver to:** Council offices in Eketāhuna, Pahiatua, Woodville or Dannevirke

**Online:** <https://www.tararua.govt.nz/publications/consultation/current-consultation>

This Statement of Proposal is issued pursuant to section 83 of the LGA and in compliance with sections 82, 83 and 87 of the LGA, and sections 44 and 51 of the Waste Minimisation Act 2008.

## Attachments:

- 1) Statement of Proposal
- 2) Draft Waste Management and Minimisation Plan
- 3) Waste Assessment
- 4) Submission Form

**Bryan Nicholson**  
Chief Executive







## Report

Date : 11 July 2024

To : Chairperson and Committee Members  
Infrastructure, Climate Change and Emergency Management Committee

From : Hamish Featonby  
Group Manager - Infrastructure

Subject : **Cyclone Gabrielle Recovery Roothing Update**

Item No : **7.4**

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### 1. Recommendation

1.1 *That the report from the Group Manager - Infrastructure dated 08 July 2024 concerning the Cyclone Gabrielle Recovery Roothing Update be received.*

### 2. Reason for the Report

2.1 To update Council on the roading recovery, funding, and funding implications for the Cyclone Gabrielle roading recovery.

### 3. Funding

3.1 The current approved initial response funding received for Cyclone Gabrielle is \$44.97M at 100% FAR.

3.2 An additional application of \$45.28M\* is lodged for review within TIO for the recovery and resilience phases of Cyclone Gabrielle, of which \$20M covers Resilience improvements. This is currently being assessed.

3.3 As of 3 July 2024, NZTA have approved \$18,707,860 of recovery funding. This includes the remainder of the Initial Response funding, the approved amount allows us to continue our 2024/25 planned work programme.

3.4 These repairs are forecasted based on the standard Emergency Works FAR of 93%.

3.5 The total Cyclone Gabrielle response application is \$90,242,649\*.

\*Note: This amount includes allowances for inflation and contingency for fault deterioration. As actual costs of repairs are known, these amounts will be updated.

### 3.6 **NZTA Emergency Works Policy Review**

On 2 May 2024, NZTA released information to local authorities regarding a review of the Emergency Works Funding Policy.

Tararua District Council submitted a response on 19 June 2024.

At time of writing, no information has been provided to Local Authorities about the outcome.

NZTA have scheduled an online meeting on 11 July 2024 to advise Local Authorities of the outcome. No information has been provided prior to the meeting.

\*\* verbal update to be provided

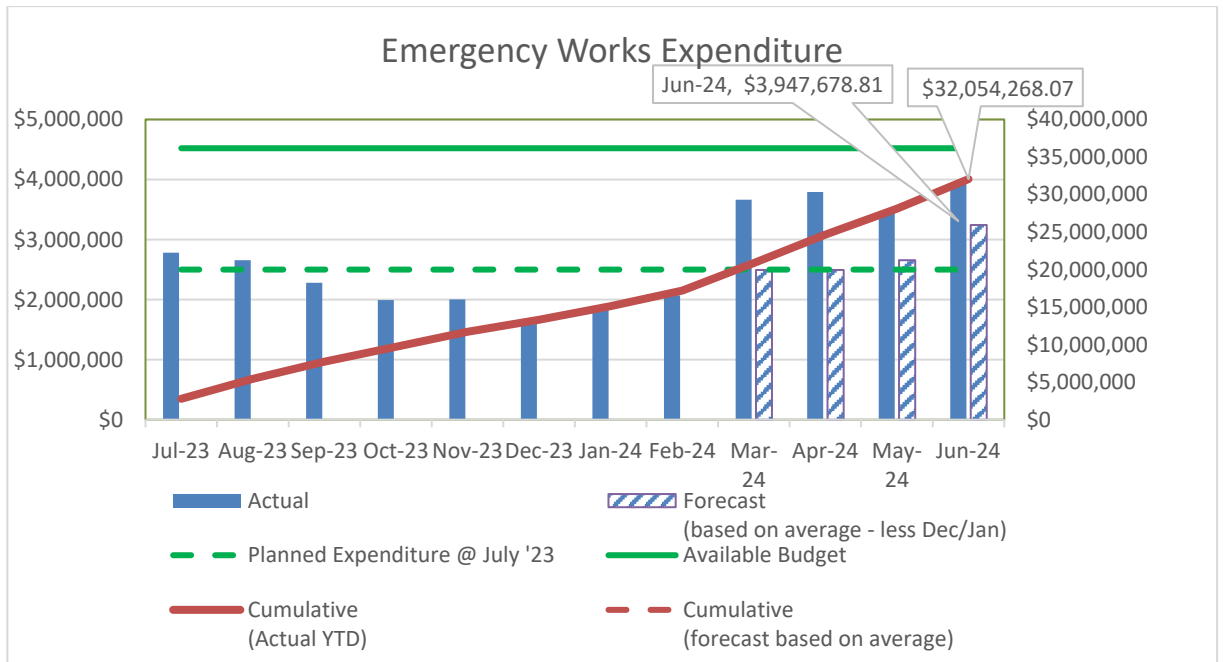
## 4. **Expenditure at End of June 2024 Transport Investment Online (TIO) YTD plus June claim**

4.1 Our total expenditure for WC141 (Emergency Works) to date for the 2023/24 financial year is \$32,054,268.

4.2 The claim for June 2024 was \$3,947,678 and included a large material component purchase for a project on River Road. The purchase allowed us to maximise the 100% FAR available in the 2023/24 period.

4.3 July will see expenditure fall away as work scales back over winter. We are currently building a work programme with larger scale works commencing in September 2024.

4.4 The work programme for 2024/25 is currently being defined. Once this is complete we will start forecasting expenditure for the new financial year.



<b>2023/24 Total Emergency Works Available Budget (NZTA Work Category 141)</b>	<b>\$36,167,680</b>
2023/24 Planned Expenditure (revised up to October 2023 \$36M due to 100% FAR expiry)	\$20,000,000
2023/24 Spend to Date (end of June)	\$32,054,268
Expenditure in Month	\$3,947,678
Forecasted Monthly Expenditure (based on average per month spend 2023/24 – less Dec/Jan)	\$3,243,130
Forecasted Total 2023/24 Expenditure (based on average per month spend 2023/24 – less Dec/Jan)	\$31,349,719
EOY Carry-forward (based on average per month spend Feb-May)	\$3,379,147

## 5. Local Share

### 5.1 Initial Response

We have written confirmation that initial response works in progress will remain funded at 100% FAR until the end of December 2024.

### 5.2 Recovery Phase

Based on the standard Emergency Works FAR rate of 93%, the total local share required for the Cyclone Gabrielle Recovery portion of \$25.28M is \$1.8M over the 2024-2027 NLTP.

NZTA has advised that they expect to approve the Recovery portion in yearly allocations. As of 2e July 2024, we have gained \$18.7M of the funding. This equates to a Local Share of \$1.3M. TDC have written to Simon Bridges, the Chairperson for NZTA Waka Kotahi, seeking an extended FAR for the Recovery phase of Cyclone Gabrielle.

### 5.3 Resilience Improvements

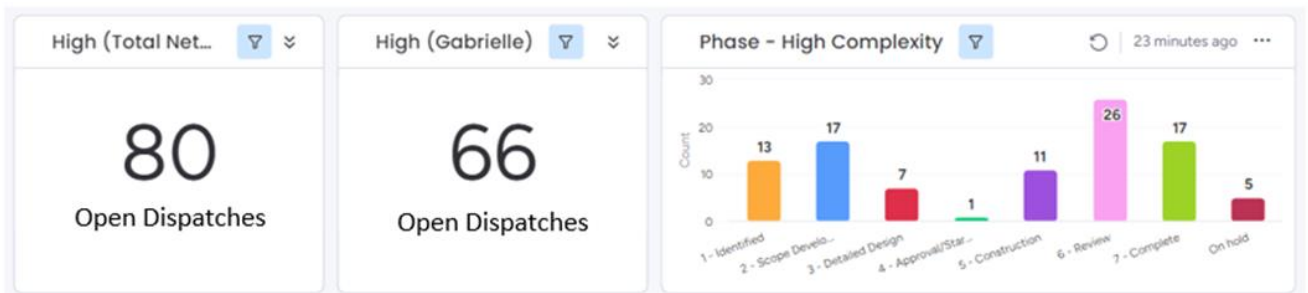
The Tararua Alliance are in the early stages of developing a potential programme of Resilience Improvements (we are seeking to identify low-cost opportunities to reduce the impacts of storm events). These opportunities are likely to include;

- The Land Stability Project (water diversions and planting of trees on vulnerable upslopes and downslopes to reduce the likelihood of dropouts and slips)
- Culvert upgrades (upsizing of culvert assets to manage the increased volumes of water being experienced. Culvert outlet protection to reduce scouring)
- Road edge protection (Bunding to prevent water discharging over vulnerable downslopes)

Progress of resilience projects are subject to funding support from both TDC and other funding bodies such as NZTA and Horizons Regional Council.

## 6. Delivery

### 6.1 High Complexity Works



6.1.1 Although winter is now upon us and operation activities have slowed, we continue to progress what works we can. Two sites have been completed over the month of June, as well as three advancing to the Construction Phase.

6.1.2 Over the coming months, we will be placing emphasis on progressing the 26 projects in Review phase. These are projects that need minor finishing works (ie. signage, or Asset updating) before they are considered complete.

6.1.3 Five project sites are On-hold now due to the limited ability to progress construction over the winter period. These are largely Pavement construction works, that will be resumed once the weather warms.

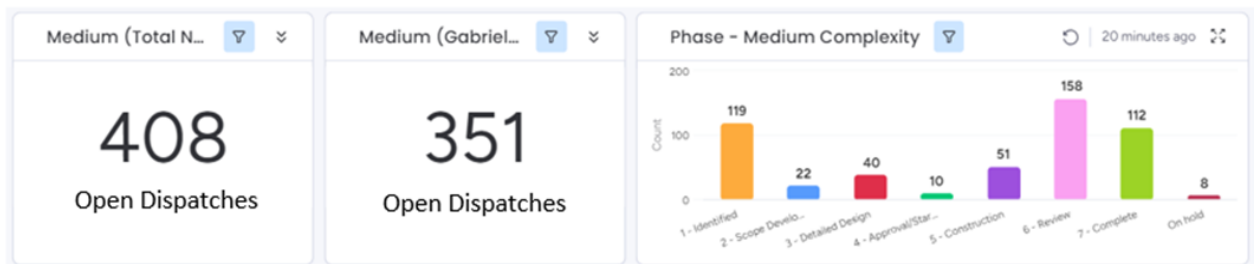


February 2023 – Access to Owāhanga Station was near severed in Cyclone Gabrielle. The river had scoured into the road, leaving 4m of width between a steep upslope and edge of dropout.



June 2024 – Owahanga Road Rock Revetment and MSE wall nearing completion.

## 6.2 Medium Complexity Works



- 6.2.1 We continue to focus on progressing the Medium Complexity projects through the Phasing with another 8 projects closed out over June and 17 progressed to review phase.
- 6.2.2 As these projects are small scale, many of these can continue to progress over winter.
- 6.2.3 These projects are released in packages to contractors and Alliance work crews, hence the 51 in construction. (ie. not all sites are actively being worked on, but have been awarded and crews are working their way towards them)



Medium Complexity Culvert outlet repair on Route 52-109.

Culvert sock and rock rip-rap installed on outlet to prevent scouring.  
Wrapping fill placed in scour to strengthen formation.

## Attachments

Nil.



## Report

Date : 11 July 2024

To : Chairperson and Committee Members  
Infrastructure, Climate Change and Emergency Management Committee

From : Don Cameron  
Recovery Manager

Subject : **Cyclone Gabrielle General Recovery Update**

Item No : **7.5**

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### **1. Recommendation**

1.1 *That the report from the Recovery Manager dated 08 July 2024 concerning the Cyclone Gabrielle General Recovery Update be received.*

### **2. Thank you to Trudy Hales**

2.1 Trudy Hales has resigned from the Recovery Communications role and finished on 4 July 2024. We would like to thank her for the past year she has put into the team. Her dedication to sharing regular, prompt and transparent communication with our communities has been greatly appreciated.

2.2 We wish her all the best with her new role.

### **3. MPI Community Hub Funding**

Final Report and budget has been completed and submitted to MPI. \$250,000 was spent on the project.

### **4. Solar Renewable Energy Fund**

4.1 The Te Uri community hall has been successful in their application for workstream A of the community renewable energy scheme. The recovery team has worked with the community to ensure they met the deadlines for this round.

4.2 This will equip Te Uri hall with reliable solar energy to power their hall all year round.



4.3 The announcement can be found at: Community Renewable Energy Fund | Ministry of Business, Innovation & Employment (mbie.govt.nz)

## **5. Horizons Recovery Forum**

5.1 Don Cameron and Mitchell Guile attended the Horizons Manawatu/Whanganui Recovery Manager forum. The day included discussions around the future of the recovery framework and practice.

5.2 Don was invited to present reflections from the TDC recovery teams past year. His focus was around having the right people in the room and ensuring that recovery is kicked off early. He went over the structure of the team, activities completed in the last year and future plans.

## **6. Wellbeing Survey**

6.1 Planning the collection of the 2024 wellbeing survey in July. Survey fatigue is apparent around the district with consultations and others just finished so our team is looking into tapping into existing events, workshops etc that are targeting the same audience.

## **7. Variation of Funding**

7.1 A letter has been submitted to the chief executive of DPMC for a variation of funding to cover recovery projects. This variation would allow the Recovery team to undertake the below planned projects.

- Economic Outlook Assessment and report
- Community Hub Project Expansion
- Land Stability Case Study
- Additional Projects Fund

## **8. Economic Outlook Project**

8.1 We have received both briefs back from Infometrics and MCI.

### **8.1.1 Brief Overview:**

We are looking at analysing the devastating effects of Cyclone Gabrielle on the Tararua District through two distinct lenses: a comprehensive economic profile provided by Infometrics and a grass roots report from MCI Accountants focusing on our affected rural communities.

Infometrics provides a macroeconomic snapshot of the cyclone's impact on the Tararua District, the MCI's report will offer a detailed look at the microeconomic struggles of rural businesses. Together, these datasets present a comprehensive understanding of the economic fallout. Infometrics underscores the broader economic challenges and long-term recovery needs, whereas the accountant's



reports will emphasise the immediate financial hardships and adaptive strategies of local businesses. This combined analysis is crucial for developing targeted support measures and provide a clear picture for not only Tararua District Council but also local/regional agencies, MP's and the district as a whole.

#### 8.1.2 **Community Hub Expansions:**

Building upon the success of the Civil Defence hub initiative in the Tararua District, this proposal outlines a strategic plan to expand the scope of the program. By extending support to additional communities and enhancing existing hubs, we aim to further bolster the district's resilience against emergencies and disasters.

Interest has already been expressed by Rangitāne o Tamaki nui-ā-Rua to engage council in this process to build resilience in their maraes. We would like to engage both Iwi as the first cabs off the rank if this was approved.

The variation will cover 5 additional community hubs in the Tararua District.

#### **Attachments**

Nil.



# Report

Date : 11 July 2024  
 To : Chairperson and Committee Members  
 Infrastructure, Climate Change and Emergency Management Committee  
 From : Mike Dunn  
 Manager - Programmes & Projects  
 Subject : **Capital Portfolio Report**  
 Item No : **7.6**

## 1. Recommendation





1.1 *That the report from the Manager - Programmes & Projects dated 05 July 2024 concerning the Capital Portfolio Report be received.*







## 2. Reason for the Report

2.1 This report is to update the Infrastructure, Climate Change and Emergency Management Committee on the capital programme and key project statuses.







## 3. Capital Portfolio Report

3.1 This report focuses on the infrastructure portfolio minus the facilities portfolio (reported on separately in the Community Development and Wellbeing Committee).

Portfolio Health Status	Forecast	General Comment
 Green		The portfolio health is currently overall green, indicating positive progress aligned with objectives. Resourcing is required in order to deliver our portfolio of works, however with the adoption of the LTP and continuity of set direction we are better postured for the next financial year.
<b>Schedule</b>	 Green	 The baseline overall has been rescheduled considering the work with the LTP. Uncertainty remains around

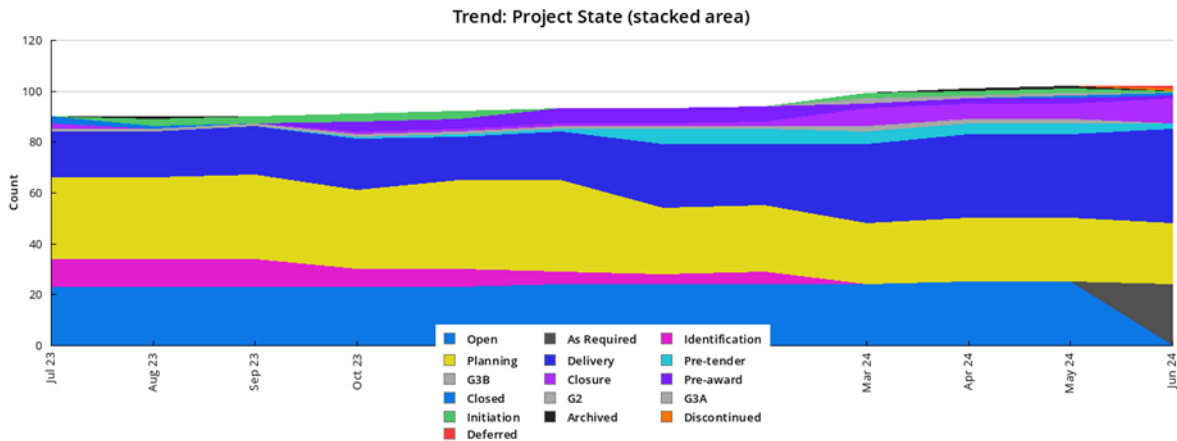
Portfolio Health Status	Forecast	General Comment
		Dannevirke water supply.
<b>Budget</b>	 Green	 Committed budgets have been identified and will feature in the end of financial year report.
<b>Risk</b>	 Green	 Projects are being managed within our Project Management software and in accordance with our Risk management framework.
<b>Resourcing</b>	 Amber	 Resourcing scenarios are being developed and actions to address shortfalls are being managed.

### Legend

Status					
On track against baseline plan	 Green	Corrective action required	 Amber	Critical state - needs urgent attention	 Red
Forecast					
<i>Green</i> - the forecast for the next period is that this area will remain in a positive status or will improve from current reported state.					
<i>Red</i> - the forecast for the next period is that this area will remain in a negative status or will deteriorate from current reported state.					
<i>Amber</i> - the forecast for the next period is that the current status may change.					

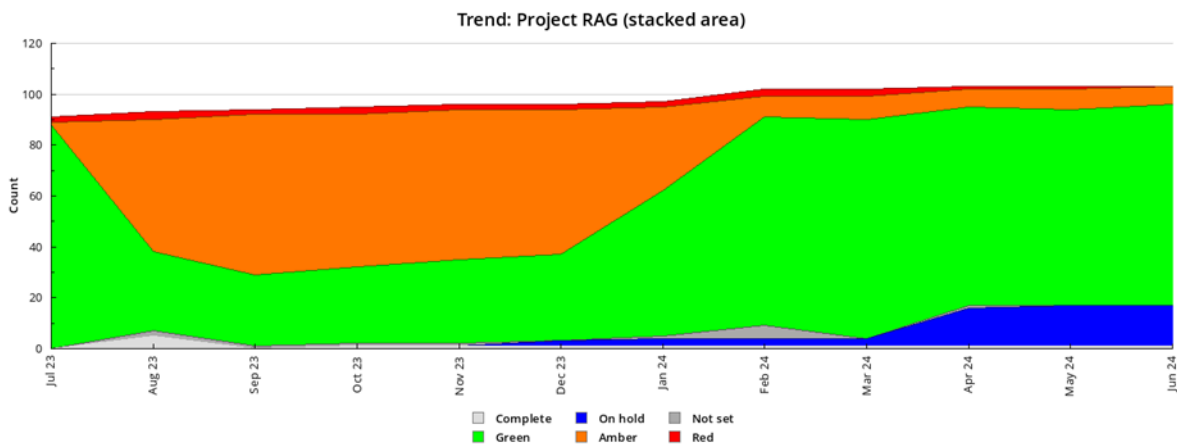
## 4. Capital Projects by State

- 4.1 Our project management framework stipulates Gates for approval processes as depicted by G0, G1 etc. Monitoring the overall inflight project states is crucial as this enables greater oversight and ensures transparency and accountability throughout the project's lifecycle.



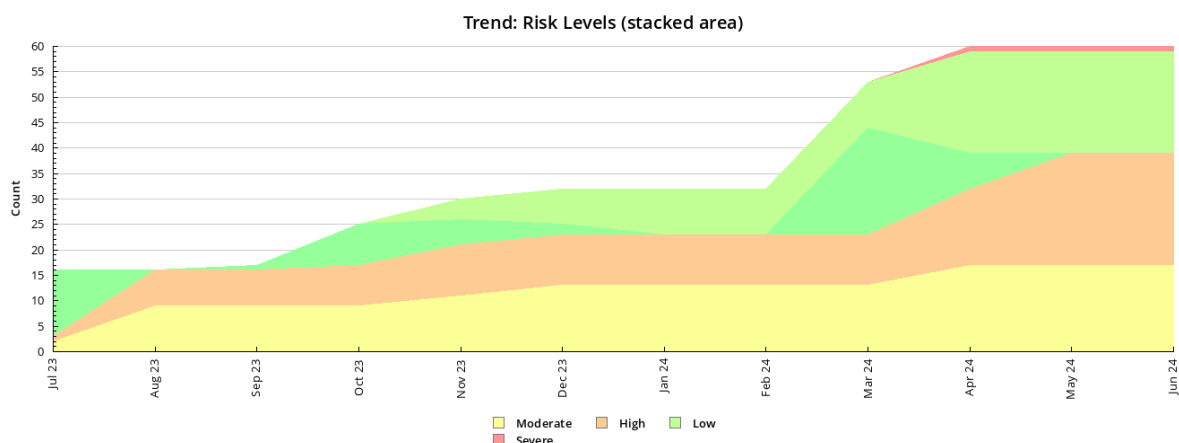
## 5. Capital Project by Status

- 5.1 By tracking the above project status indicators over time, stakeholders can identify emerging patterns, assess the portfolio, and proactively address potential issues. A consistent green status indicates progress according to plan, while amber signals caution, suggesting potential risks or delays that require attention. Red status indicates critical issues that demand immediate action to mitigate negative impacts. Regular review of RAG status trends enables leaders to make data-driven decisions, allocate resources strategically and optimise project outcomes.



## 6. Infrastructure portfolio – Projects Risk levels

- 6.1 The below graph displays our efforts to start compiling project risks into our project management software to better mitigate, manage and report on our risk registers at a portfolio level. Further development within this space is required and is being linked into our Risk & Assurance Advisor workstreams and reports.



## 7. Project Updates

Complete	On Hold	On Track	Revised but on track	Off Track
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Project	Managed by	Comments	Status
Lindauer walkway	TBC	Design is currently on hold, and it is assessed that the work won't be started this financial year. The project is likely to be done in conjunction with Waka Kotahi NZTA road revocation process.	
Dannevirke alternate water source investigations	Dave Watson	Discussions with Horizons and hydrology team on lower Tamaki to discuss flow rates and water take conditions particularly in low flow rates in the summer period. Investigating the flow rates to understand if larger bore/bores are worthwhile pursuing.	
Eketāhuna Wetlands	Dave Watson	The wetland has been planted out, the planting on the outside is still to be done. Grass is growing well. Erosion and sediment control is in place.	
Dannevirke Impounded supply Programme	Roger Earp	Handover of this programme has been paused. Awaiting reports to confirm work breakdown.	
3 Waters Infrastructure Enhancement	Sue Lawrence	The redirection of Better off Funding (BOF) has been approved by our Elected Members to transition the funding to support Local Water Done Well and water infrastructure investment. Details: <ul style="list-style-type: none"> <li>Discontinued - \$500k for Upgrading Council owned reserves</li> <li>Reduced - \$1.5m to \$250k for Actioning PARS</li> <li>Reduced further during LTP - \$250k to \$50k for</li> </ul>	

Project	Managed by	Comments	Status
		<p>Actioning PARS</p> <p><b>Total redirected to 3 Waters is \$1.95m.</b></p> <p>This is currently being confirmed with CIP and DIA for redirection and going forward will be reported on within this committee.</p>	

### Attachments

1. [Dannevirke WWTP Upgrade Committee Report June 2024](#)
2. [Dannevirke Water Supply Fluoridation Committee Report June 2024](#)
3. [Norsewood WTP Upgrade Committee Report June 2024](#)
4. [Eketahuna WWTP Upgrade Committee Report June 2024](#)
5. [EW Rakaiatai Bridge Committee Report June 2024](#)
6. [Route 52 Committee Report June 2024](#)
7. [I & I Committee Report June 2024](#)
8. [IAF Committee Report June 2024](#)
9. [Pahiatua WWTP Upgrade Committee Report June 2024](#)
10. [SCADA and Telemetry Upgrade \(Phase 1\) Committee Report June 2024](#)
11. [Woodville Headworks Committee Report June 2024](#)







Project name

# Dannevirke Wastewater Treatment Plant Upgrade

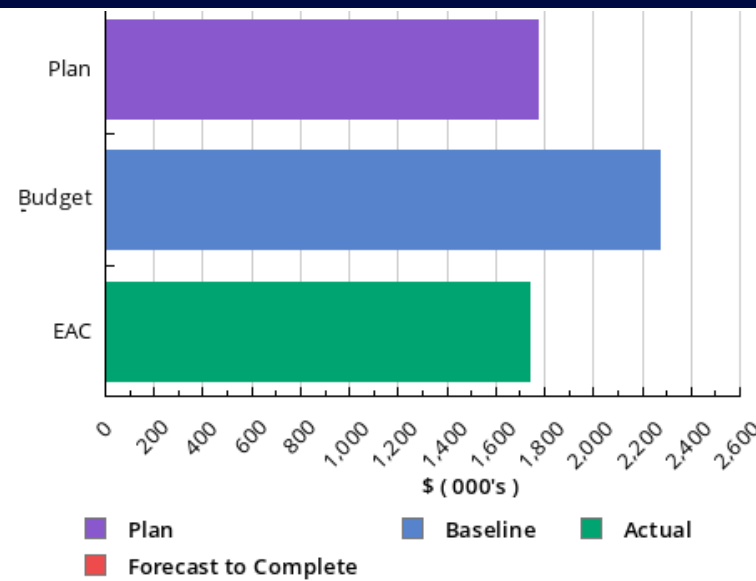
Report date:	Start date:	Approved end date:	Projected end date:
Jul-24	Jul-22	Oct-23	Jul-24

<b>Purpose:</b>	The Dannevirke Wastewater Treatment Plant(WWTP) requires upgrades to address persistent resource consent condition, the non-compliance of excessive levels of phosphorus in the wastewater discharged from the plant to river.
<b>Project team:</b>	<b>Sponsor:</b> Roger Earp <b>Project Manager:</b> Sue Lawrence
<b>Key stakeholders:</b>	Iwi TDC Staff Horizons Regional Council Contractors

Status update:			
	PREVIOUS STATUS	CURRENT STATUS	
<b>Overall:</b>	G	G	In June, Dannevirke DAF locally developed SCADA application was successfully integrated into the main TDC SCADA system. The remaining task for this project is the activation of the SMS Alarming System, this is dependant on the arrival of the operators licenses. Stakeholders have been asked to contribute to lessons learned.
<b>Scope:</b>	G	G	Suppliers will be engaged for the design, build and commissioning of a Dissolved Air Flotation (DAF) plant and cost estimates to address the resource consent condition of non-compliance due to excessive levels of phosphorus in the wastewater discharge from the plant. The work will be done in conjunction with a wastewater process engineer, consultants will be used for any structural and site Geotech support to inform cost estimates.
<b>Time:</b>	G	G	The project completion is delayed until July 2024.
<b>Budget:</b>	G	G	The project's total expenditure, excluding capitalisation costs, is projected to be \$500k or 21% within budget.
<b>Quality:</b>	G	G	The Dannevirke DAF is currently not operating.
<b>Risks:</b>	G	G	The DAF sludge's inability to flocculate and dewater in the GeoBags remains an outstanding issue. A team has been established to address the Councils sludge issues.
<b>Opportunities:</b>	G	G	N/A
<b>Health &amp; Safety:</b>	G	G	No incidents to report.
<b>Resources:</b>	G	G	Regular Project Team meetings are in place.
<b>Comms:</b>	G	G	The monthly report will continue to be sent to Comms.
<b>Next steps:</b>			
SMS Alarming System activated Lessons Learnt Report Project Close Report			

Project budget:



Whole of Life  
Approved budget:  
**\$2,272,000**  
Actuals:  
**\$1,740,794**  
Estimate at completion:  
**\$1,740,794**

**23%  
Under budget**

Project timeline:

START	BVA submitted for Approval	BVA Approval Received Submit Draft SFA	Conduct site visits and collect data for designs	Early project workshops to determine specifications	Conduct design and costs options Stage 1	Procure Design and cost options for peer review	Finalise Peer review and select preferred treatment option	Commence civil works Stage 2	Commissioning treatment and Sludge Processes	Performance Testing	Project hand-over and close out	FINISH
	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Dec-23	Jan-24	Jul-24	



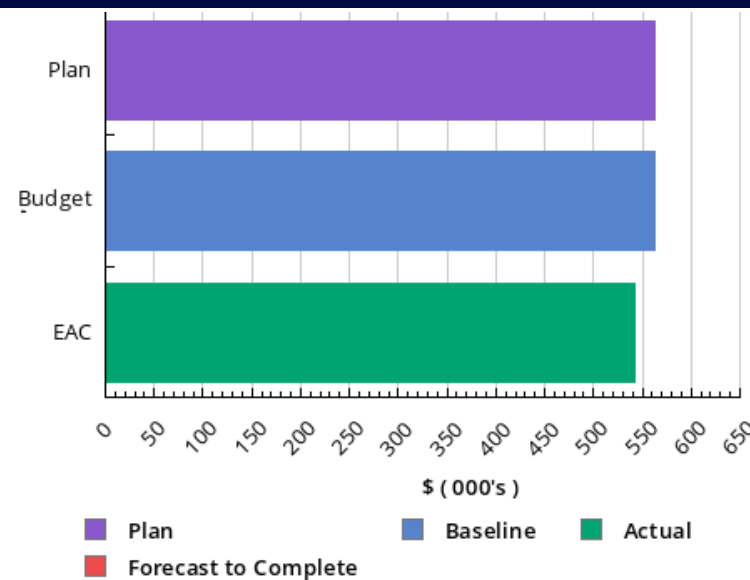
Project name

# Dannevirke Water Supply Fluoridation Plant

Report date:	Start date:	Approved end date:	Projected end date:
Jun-24	Jul-23	Aug-24	Aug-24

<b>Purpose:</b>	To procure and install a containerised / packaged fluoridation plant. Fluoridation is required as directed by the Director-General of Health
<b>Project team:</b>	<b>Sponsor:</b> Mike Dunn <b>Project Manager:</b> Eugene Priest
<b>Key stakeholders:</b>	Ministry Of Health Operational Staff Contractors Impound Supply repair Programme

Project budget:



Whole of Life  
Approved budget:  
**\$563,110**  
Actuals:  
**\$543,077**  
Estimate at completion:  
**\$543,077**

**4% Under budget**

	Status update:		
	PREVIOUS STATUS	CURRENT STATUS	
<b>Overall:</b>	G	G	Fluoridation plant building has been delivered, electrical and pipe connections are being completed for final commissioning in July. Delivery pad for Ixom chemical delivery has been inspected with good results. Some equipment needs to be added but is part of the scope/design and was to be installed before final inspection and commissioning.
<b>Scope:</b>	G	G	All design and build scope has been accepted by MOH reviewers for construction.
<b>Time:</b>	G	G	MOH are happy with the added time due to design delays. Project is currently ahead of schedule with commissioning and completion due for end of July early August
<b>Budget:</b>	G	G	MOH have accepted concept plant design and associated costs for the design. Payment Schedule 1st payment has been received 2nd payment is due 28/06 3rd payment is due 31/08
<b>Quality:</b>	G	G	Quality laid out in specifications for Plant build & commissioning
<b>Risks:</b>	A	A	Land acquisition needs to be in place to allow for truck turning bay to be constructed. First delivery to be made using a smaller truck, this should allow 3+ months to negotiate and construct hardstand for larger delivery trucks. Penalties for holding/delaying this project past the end date by contravening section 116l of the Health Act could result in an initial \$200,000 fine and a further \$10,000 per day if offence continues. Further, once past the projected end date, if the project due date is not met the funding is withdrawn becoming a TDC funded requirement.
<b>Opportunities:</b>	G	G	No new opportunities
<b>Health &amp; Safety:</b>	G	G	No new health & safety opportunities to be reported
<b>Resources:</b>	G	G	Appropriate resources are available with workloads currently sufficient
<b>Comms:</b>	G	G	Comms plan completed and uploaded and attached to PSODA software.

Next steps:

- Install missing delivery pad items
- Completion of physical connections of plant to services
- Commissioning

Project timeline:

START	Commission & Delivery of Plant	Project Mandate issued	Investigation & Business Case	Secure MOH funding in Principle (still to be released)	Sign contract with MOH & funding release	Planning & Procurement	Off-site construction begins	Onsite Civil & Electrical Works Begin	Containerised Plant Delivery	Civil/Electrical Works Completion	On-Site Commission & Completion	FINISH
	-	Jul-22	Nov-22	Jan-23	Oct-23	Nov-23	Jan-24	Apr-24	May-24	Jul-24	Aug-24	

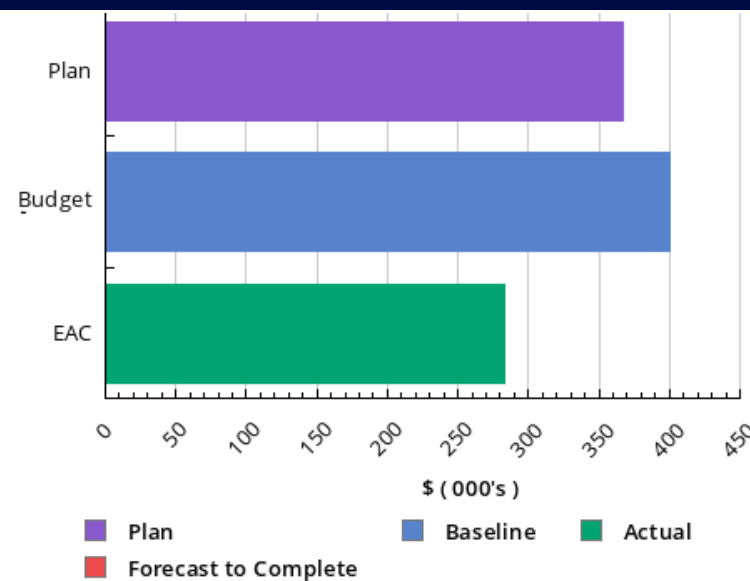


# Project name Norsewood Water Treatment Plant Upgrade

Report date:	Start date:	Approved end date:	Projected end date:
Jun-24	Jul-23	Jun-24	Jul-24

<b>Purpose:</b>	To upgrade Norsewood water treatment to meet NZ Drinking Water Quality Assurance Rules (DWQAR) and to reduce the Aesthetic values that are affecting the water colour and smell. Tararua District Council will also be adding redundancy to the system through standby pumps and an extra 30,000l buffer tank.
<b>Project team:</b>	<b>Sponsor:</b> Mike Dunn <b>Project Manager:</b> Eugene Priest
<b>Key stakeholders:</b>	TDC - 3 Waters Taumata Arowai Horizons Regional Council Norsewood Community TDC Elected Members

## Project budget:



Whole of Life  
Approved budget:  
**\$400,000**  
Actuals:  
**\$282,728**  
Estimate at completion:  
**\$282,728**

**29%  
Under budget**

Status update:		
	PREVIOUS STATUS	CURRENT STATUS
<b>Overall:</b>	G	G
<b>Scope:</b>	A	G
<b>Time:</b>	G	G
<b>Budget:</b>	A	G
<b>Quality:</b>	G	G
<b>Risks:</b>	A	A
<b>Opportunities:</b>	G	G
<b>Health &amp; Safety:</b>	G	G
<b>Resources:</b>	G	G
<b>Comms:</b>	G	G

21 days has had to be added to the project finish date to accommodate ordering of Scada/Telemetry equipment and the subsequent software configuration needed to ensure TDC complies with Taumata Arowai and that the system is able to be connected to the wider Scada/Telemetry network.

New 30,000l reservoir tank has been installed. Reservoir tank re-plumbing has been carried out with new pump shed concrete in place. All critical equipment has been delivered.

New pump changeover complete 12/06.

Old softener units to be taken off-line about the 15th-17th July. Comms to be released, possibility of extra water discolouration (unknown amount).

Some scope has been adjusted to provide solutions that remove operator involvement and to bring Scada/Telemetry equipment in line with Scada upgrade project. Change request has been initiated

Commission date: 17 - 19/07/24

Currently estimated at \$366,880 with latest variations included

Will be part of QA in Supplier response & commissioning documentation provided

Risk of extra water discolouration due to softener change over. We will be scheduling this changeover to happen in the last 2 days and will issue a water conservation notice to residents to mitigate extra discolouration occurring.

All risks at this stage have been carefully attended to within the Tender documentation. This will be carefully monitored as we go through delivery.

Unknown biofilm residue amount and pipe condition

Flushing programme might not remove all in-situ biofilm.

Water discolouration will be reduced but cannot be guaranteed to be clear

Ability to add redundancy to Norsewood WTP and ensure reporting compliance

All health and safety policies for TDC are written into the procurement process as mandatory for potential suppliers

Available resources are on-track to be delivered on time

Missed opportunity to keep Norsewood informed of events affecting supply. Collaborate with TDC comms team to update SOP's and facilitate better short notice push communications. Processes have been established so this doesn't happen again.

## Next steps:

- Installation of new filtration equipment
- Cleaning of reservoir tanks
- Installation of Scada/Telemetry
- Old softener units taken off-line
- Commissioning of new plant
- Water reticulation flushing points installed to assess condition of bio-film and pipes

## Project timeline:

START	Project Handed to PMO	Negotiate with Current Supplier	RFP for new Supplier	Select New Supplier	Negotiate and Sign Agreement	Supplier delivery of solution	Completion of Works	Commissioning of WTP	Handover of WTP and Commissioning Documents	Practical Completion	FINISH
	Sep-23	Dec-23	Feb-24	Feb-24	Feb-24	Jul-24	Jul-24	Jul-24	Jul-24	Jun-25	



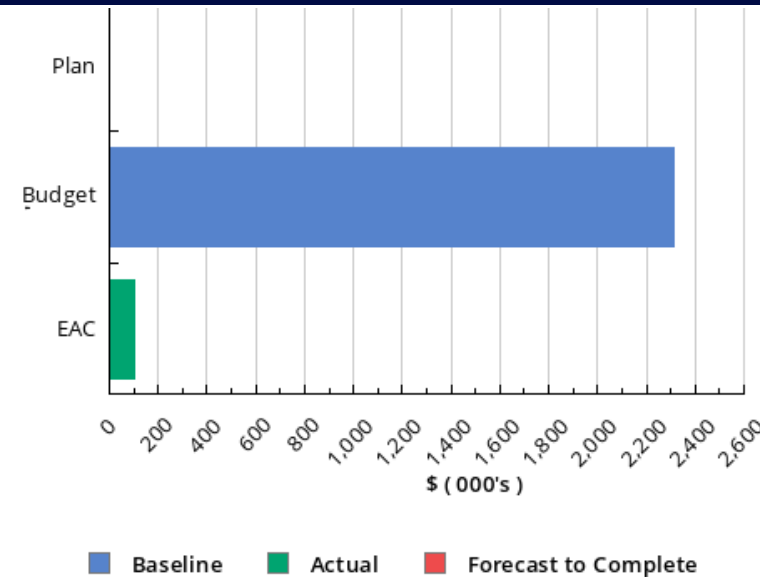
Project name

# Eketahuna Wastewater Treatment Plant Upgrade

Report date:	Start date:	Approved end date:	Projected end date:	Status update:
Jun-24	Jul-22	Sep-27	Sep-27	

<b>Purpose:</b>	<p>The purpose of this project is threefold:</p> <ol style="list-style-type: none"> <li>To ensure all treated wastewater indirectly discharged from the plant to the Makakahi River complies with current and future resource consent conditions.</li> <li>To reduce Eketāhuna Inflow &amp; Infiltration (I &amp; I) to allow for a fit for purpose WwTP to reduce cost and prevent unconsented discharges.</li> <li>To ensure collaborative approach with Iwi and Horizons to produce outcomes that align with district and regional wastewater treatment strategies.</li> </ol>
<b>Project team:</b>	<p><b>Sponsor:</b> Mike Dunn <b>Project Manager:</b> Eugene Priest</p>
<b>Key stakeholders:</b>	<p>Horizons Regional Council Elected Members Ngāti Kahungunu &amp; Rangitāne Rate payers/general public Landowners ELT/PMO Compliance Manager</p>

## Project budget:



Whole of Life  
Approved budget:  
**\$2,315,416**  
Actuals:  
**\$102,589**

	PREVIOUS STATUS	CURRENT STATUS	
<b>Overall:</b>	G	G	<p>A second meeting of the Stakeholder group was held on the 27/6 with some excellent progress and buy in from Iwi and Horizons. Horizons will investigate vertical wetland delay as it relates to our consent conditions and Iwi have asked to be included in the I&amp;I evaluation and pipeline risk workshop.</p> <p><b>Pipeline to wetland.</b> This will convey water via a floating pump on Pond 2 to completed wetland to ensure plant life is maintained. The intention is to change the current discharge point so that it is after the wetland.</p> <p><b>I &amp; I remediation works.</b> This is a separate standalone project but as it directly impacts the size and scope of Eketāhuna WwTP it will be considered and reported as part of this project to ensure continuity of works.</p> <p>The I &amp; I investigation is in the Request For Proposal (RFP) phase and should be up on GETS 07/06 and will run 8/7/24</p> <p>Tonkin &amp; Taylor are underway with the detailed design for the pipeline from Pond 2 to the wetland and will run a risk workshop on 15/7.</p>
<b>Scope:</b>	G	G	All scope will detailed in all separate agreements and will be workshopped to account for possible variables
<b>Time:</b>	G	G	This programme of works is intended to work towards the 2028 consenting periods and account for current consent conditions
<b>Budget:</b>	G	G	<p><b>Pipeline - From Wetland Budget</b> <b>I &amp; I - From Infiltration Strategy &amp; Implementation Budget</b></p> <p>Budgets will be closely monitored to ensure overspend does not occur. Change management procedures will be adhered to and stakeholders notified if significant changes are likely</p>
<b>Quality:</b>	G	G	Will be outlined in any separate agreements and to be covered by any NZ Standards that apply
<b>Risks:</b>	G	G	Risk workshops to be held to identify risks and provide mitigation. Risk workshops will support scoping documentation
<b>Opportunities:</b>	G	G	By following the approach provided TDC will be able to drastically reduce the cost of the WwTP upgrade.
<b>Health &amp; Safety:</b>	G	G	All contractors to adhere to NZ & TDC standards
<b>Resources:</b>	G	G	Currently all resources are available
<b>Comms:</b>	G	G	Comms plan to be drafted

## Next steps:

- Complete I & I investigation procurement
- Complete Pipeline risk workshop
- Evaluate Pipeline design
- I & I investigation Starts

## Project timeline:

START	I & I Investigation Procurement	Pipeline Detailed Design Received	I & I Investigation Starts	Pipeline Construction Procurement	Pipeline Works Start	I & I Investigation Complete	I & I Investigation Report	I & I Public/Elected Members Consultation	I & I Remediation Works Procurement	Pipeline Works Complete	Temporary Flow to Wetland Commences	FINISH
	Jun-24	Jul-24	Aug-24	Aug-24	Nov-24	Nov-24	Dec-24	Dec-24	Jan-25	Feb-25	Feb-25	



Project name

# Emergency Works—Rakaiatai Bridge

Report date:	Start date:	Approved end date:	Projected end date:
Jun 24	Feb 23	TBC	Dec 24

<b>Purpose:</b>	<ul style="list-style-type: none"> <li>To provide suitable access to the properties affected by the loss of the bridge during Cyclone Gabrielle.</li> </ul>
<b>Project team:</b>	<p><b>Senior Responsible Officer:</b> Dan Erard</p> <p><b>Project Manager:</b> Andrew Desmond</p>
<b>Key stakeholders:</b>	Waka Kotahi, NZTA, Affected landowners, Iwi, TDC, Tararua Alliance, Hori-

Project budget	Recovery of previous structure, Temporary crossing & Design Investigation		Replace temporary structure with permanent structure (subject to suitable design and procurement)				
	Thousands						
	250	500	0	500	1000	1200	1400
<b>Actual spend to date:</b>							
<b>Planned spend to date:</b>							
<b>Projected project budget:</b>			\$1.4M (inc. contingency)				
<b>Approved project budget:</b>							

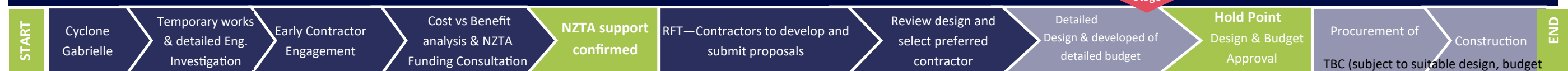
## Status update:

	PREVIOUS STATUS	CURRENT STATUS	
<b>Scope:</b>			Design/Build contractor for the construction of a 42m full span bridge elevated ~1.5m above the old bridge to replace the bridge that failed during Cyclone Gabrielle.
<b>Key progress for month:</b>			A onsite meeting was held on the 20th of June involving the Tararua Alliance, Horizons Regional Council, Iwi, Latteys Group to review Resource Consent requirements. Horizons have confirmed the works can continue under Section 330 Emergency Works Provisions, with consenting (if any) to completed post construction. Horizons deem that the temporary ford must be removed post construction of the new bridge.
<b>Time:</b>			Design (May-July '24 - June Update following an onsite meeting held with Latteys/Horizons/Iwi we have extended the Design period by 1 month to allow adjustments to be made to accommodate resource consent requirements. Procurement—July '24—Oct '24—Latteys have placed the order for the steel beams to ensure this key component is available on time. Construction—Oct 24-Dec'24 (Subject to suitable design/budget being approved)
<b>Budget:</b>			A project budget of \$1.4M has been established for the project. This budget includes contingency which allows for additional costs associated with the removal of the temporary ford (possible Consent condition), as well as design changes which may occur during the Detailed Design Phase.
<b>Quality:</b>			The basis for the selection of Lattey Group is based on an innovated piling solution, that reduces the cost of construction, as well as their, capability and track record.
<b>Risks:</b>			Cost escalation of materials. Cost escalation due to design changes, resource consent conditions (esp. around the temporary ford).
<b>Opportunities:</b>			Cost reduction opportunities created during Detailed Design (eg: changing for guardrail edge protection to tubing railing). Cost reduction if Horizons Regional Council allow the temporary ford to remain in place.
<b>Health &amp; Safety:</b>			Access is severely compromised for the land owners placing them at risk.
<b>Resources:</b>			Tararua Alliance have requested that Lattey Group engage local contractors where possible to deliver portions of the project.
<b>Comms:</b>			

## Next steps:

1. Complete Design (In progress—Due date extended 1 month to allow Contractor to provide detail on height of bridge.)
2. Procure Materials
3. Construction

## Project timeline:





# Project name

## Huarahi Tūhono – Weber to Wimbledon (Route 52 Upgrade)



Report date:	Start date:	Approved end date:	Projected end date:
Jun 2024	Dec 2020	Nov 2024	Nov 2024
<b>Purpose:</b>	The PGF funded upgrade of 26km of Route 52 between Weber and the Central Hawkes Bay boundary. <ul style="list-style-type: none"> <li>To engage talented workers in to support the economies recovery from Covid-19</li> </ul>		
<b>Project team:</b>	Senior Responsible Officer: Daniel Erard Project Lead: Andrew Desmond Project Manager: Jamie Hughes		
<b>Key stakeholders:</b>	Kanoa, Local Community, Iwi, TDC, Tararua Alliance		

Status update:	
	PREVIOUS STATUS / CURRENT STATUS
<b>Overall:</b>	June has once again seen a number of dry spells allowing works to continue mostly uninterrupted. This has resulted in large scale earthworks on Emergency Works sites and project pavement works to continue. Multiple sites are now sealed with signage and guard rail planning and installation commencing. With the larger planned project works nearing completion, we are focusing on progressing the 3 remaining Emergency Works sites, with the view to return these to 2 lanes before the end of financial year.
<b>Scope:</b>	All Earthworks and Drainage works are complete, with ~ 1km of pavement construction to be completed in Sept/Oct. Throughout winter contractors will be progressing Emergency Works and minor project works (Signage & Guardrail)
<b>Time:</b>	The project end date been extended to November 2024 (previously June '24) to allow for reseal activities following the 2024 winter period.  It is to be expected, that some Emergency Works repairs will extend beyond the end of the Project completion date due to resource limitations considering the wider Emergency Works Programme.
<b>Budget:</b>	With the bulk of the earthworks and pavement nearing completion, we are now programming the Provisional Sum items available for items such as sign standardization and guardrail/site rails.  There are two remaining payments valued at \$700k to be requested once key milestones are met. \$680,000 payment to be applied for via variation due to delay in sealing now held off until Sept/Oct.
<b>Quality:</b>	Ongoing Maintenance/Renewals of site—With only a portion of the 26km length having full renewals/realignments. Once all pavement works are complete, an ongoing maintenance/renewals programme is likely to maintain the condition of the route.
<b>Risks:</b>	With winter now upon us pavement construction and sealing activities have ceased. Final pavement construction activities (esp. surfacing) deferred until Sept/Oct. There is minor risk that if Sept/Oct do not have favorable weather (ie. storms) our end date may be pushed out to avoid quality issues with surfacing.
<b>Health &amp; Safety:</b>	Ongoing site audits and regular monitoring has resulted in No events this month. Good attitude and behaviors towards Health and safety being observed. Heavy focus on Health and safety, record keeping and plant management
<b>Resources:</b>	While we still have 2 operations running , the majority of June has seen contractor resource working on Emergency Works projects onsite.

Project budget	4	5	6	7	8	9	10	11	12	13	14	15	16.6
Millions													
Actual spend to date:													
Planned spend to date:													
Projected project budget:													16.6 M
Approved project budget:													16.6 M



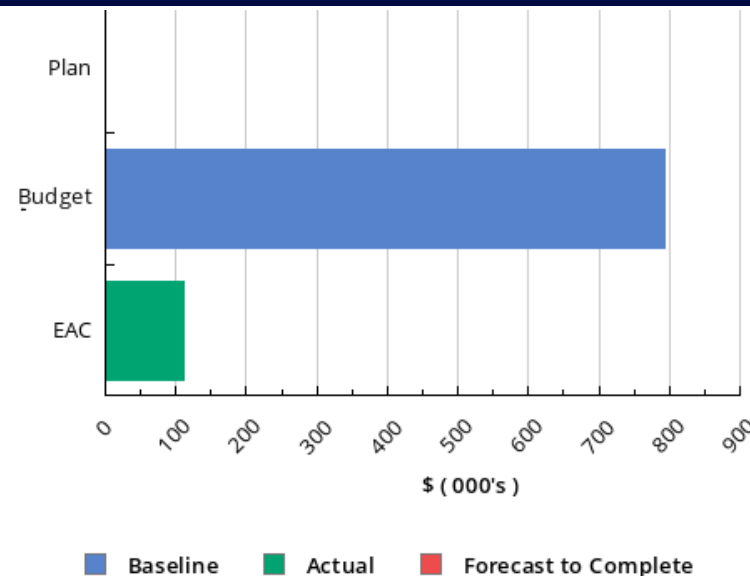


# Project name Infiltration Strategy and Implementation

Report date:	Start date:	Approved end date:	Projected end date:
Jul-24	Jul-22	Jun-25	Jun-25

<b>Purpose:</b>	To explore, quantify and remediate the districts known Inflow and Infiltration (I & I) issues through a phased programme of investigations, council and public consultations, and targeted remediation works.
<b>Project team:</b>	<b>Sponsor:</b> Marcus Clifford <b>Project Manager:</b> Eugene Priest
<b>Key stakeholders:</b>	TDC - 3 Waters Tararua Alliance Horizons Regional Council Ngāti Kahungunu ki Tāmaki nui-a-Rua Rangitāne o Tamaki nui-a-Rua

## Project budget:



Whole of Life  
Approved budget:  
**\$794,416**  
Actuals:  
**\$111,917**

	Status update:		
	PREVIOUS STATUS	CURRENT STATUS	
<b>Overall:</b>	G	G	This project has been handed over to the PMO from the 3-Waters team with Marcus Clifford as Project Sponsor. Eketahuna has been targeted as the first township in the district to be attended to regarding I & I as its Wastewater Treatment Plant (WwTP) discharge consents are currently not being met, and is due for re-consent in 2028. It is the intention of this first phase to target this I & I issue in Eketahuna, in collaboration with the Eketahuna & Pahiatua Wastewater Working Group, so that TDC can reduce its costs in relation to building WwTP capacity.  A Request for Proposal (RFP) procurement is currently underway and will be finished in 4 weeks (8/7) whereby an evaluation of candidates for I & I investigation will take place.
<b>Scope:</b>	G	G	A targeted investigation into the towns wastewater network utilising technology such as UAV, cameras and Smoke testing coupled with any previous I & I investigation data that TDC can make available. Utilising the data gathered in 1. to design and cost remediation works, and supply a programme of works to target the main areas of concern to be able to realise a greater than 50% reduction in I & I. Delivering the works programme as prioritised by TDC to best suit, or assist, in delivering infrastructure upgrades for growth or consenting purposes.
<b>Time:</b>	G	G	Currently on schedule. The milestones that this project is going by will be confined by the required wastewater treatment plant upgrade.
<b>Budget:</b>	G	G	Current budget for 23/24 is \$262k.  Costs for investigation and re-mediation will be known after investigation report has been delivered later in the year.  \$425k is to be used for Woodville Headworks Refurbishment
<b>Quality:</b>	G	G	This will be covered off in procurement process and any agreements between TDC and selected vendor. All NZ standards to be adhered to.
<b>Risks:</b>	A	A	This project poses many risks, through vendor selection, carrying out investigation and remediation, and the public facing private network issues that will arise due to investigation findings. This will require a substantive risk workshop to involve many facets of TDC and community to be able to solve what could potentially be a large net saving to TDC and community.
<b>Opportunities:</b>	G	G	1. Reducing treatment plant upgrade capacities to fit reduced I & I flows. 2. Creating extra capacity in current network to allow for planned district growth. 3. Reducing the need to have to construct larger infrastructure to meet growth expectations.
<b>Health &amp; Safety:</b>	G	G	All TDC requirements to be adhered to by any Vendor/Contractor and their associated sub-contractors
<b>Resources:</b>	G	G	Current resource requirements are low but will need to be increased in due course
<b>Comms:</b>	A	A	Comms plan drafted and to be reviewed

### Next steps:

- Conduct RFP
- Evaluate candidates
- Select vendor
- Negotiate agreement

### Project timeline:

START	Procurement (RFP)	Agreement Negotiated & Signed	Contract Delivery Starts	Contract Delivery Ends	Investigation Findings Released	Remediation Options Considered	Selected Option to be Implemented	Implementation Complete	FINISH
	Jun-24	Jul-24	Aug-24	Nov-24	Dec-24	Dec-24	Jan-25	Jun-25	

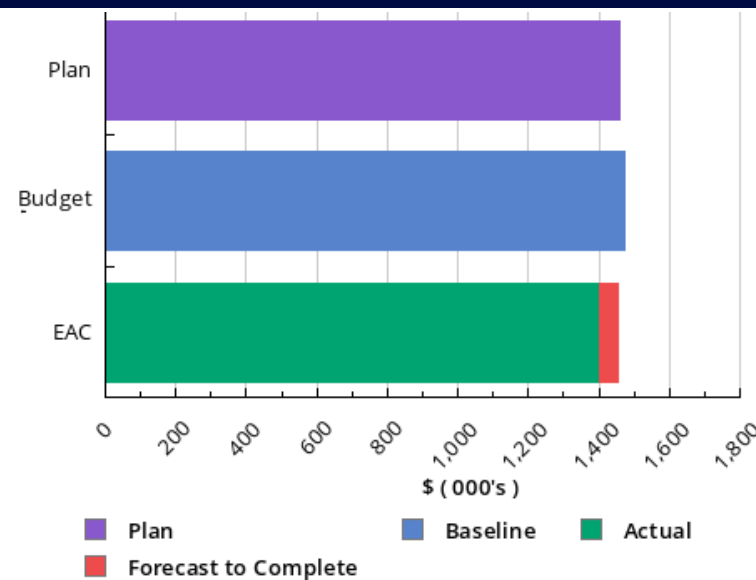


Project name  
**IAF Project**

Report date:	Start date:	Approved end date:	Projected end date:
Jun-24	Jul-23	Jun-24	Jun-24

<b>Purpose:</b>	<p>This project is to deliver the Enabling Infrastructure Project to unlock and enable the Housing Development proposed by Tū Mai Rā Investments (TMRI) at the previous Hillcrest School site, and which will provide the Housing Outcomes identified in the <b>IAF funding agreement</b>.</p> <p>The enabling infrastructure that has been identified as a required upgrade are the wastewater network, stormwater and a minor watermain extension.</p> <p><b>Funding Allocation:</b> Kainga Ora—\$880,000 TDC—\$440,000 Tū Mai Rā Investments — &gt; \$100,000 (TBC)</p>
<b>Project team:</b>	<p><b>Sponsor:</b> Mike Dunn <b>Project Manager:</b> Eugene Priest</p>
<b>Key stakeholders:</b>	<p>Tū Mai Rā Investments Tararua District Council Kainga Ora Explore Pahiatua Tararua Alliance Local Pahiatua Community</p>

**Project budget:**



Whole of Life  
Approved budget:  
**\$1,472,617**  
Actuals:  
**\$1,399,752**  
Estimate at completion:  
**\$1,453,752**

**1% Under budget**

	Status update:		
	PREVIOUS STATUS	CURRENT STATUS	
<b>Overall:</b>	G	G	<p>Pump Station commissioned with Scada and alarm system tested. All required lateral connections have been made and the pump station is now live.</p> <p>Trench sealing failure repaired and replaced with Asphalt</p> <p>Line marking, minor snag list, As-builts, Q &amp; A pack and H&amp;S incident report sign-offs still outstanding</p>
<b>Scope:</b>	G	G	Stormwater (SW) scope has been adjusted to ensure that approved budget will not be exceeded.
<b>Time:</b>	G	G	Removal of Stormwater Ecoblock suggestion in original concept design allows for a shorter construction period which means completion still slated for June 2024
<b>Budget:</b>	G	G	Higher than forecast construction costs due to price rises & inflation (concept for high level estimates were 2 years ago) and different concept being accepted. Design costs & preliminary construction costs were also not applied in the initial estimates used for funding application. TDC will be adjusting SW costs to suit approved budget.
<b>Quality:</b>	G	G	Quality Assurance is outlined in Inspection & Test Plan (ITP)n Project Management Plan and will be adhered to throughout project
<b>Risks:</b>	A	A	Uncertainty about formalizing funding agreement with Tū Mai Rā to recoup the at least \$100,000 as per Funding Agreement.
<b>Opportunities:</b>	G	G	No new opportunities
<b>Health &amp; Safety:</b>	G	G	All recordable incidents have been uploaded to 365 Sitewise.
<b>Resources:</b>	G	G	Resources are currently being engaged to proceed. Currently project is serviceable with what is available
<b>Comms:</b>	G	G	Communications are being carried out according to Communication Plan with the community being update by Letter Drop, Social Media and Bush Telegraph.

**Next steps:**

- Line marking
- Receive As-built plans and Q & A pack
- Conduct Lessons Learned
- Project sign-off

**Project timeline:**

START	Pre-Project	Initiation	Planning	Procurement Designer & Contractor	Optioneering Designs Submitted	Designs Reviewed/Option Selected	Detailed Design Selected/Agreement Signed	Construction Starts	Water Connection Completed	Wastewater Completion	Stormwater Completion	Testing and Certifications	Handover & Close	FINISH
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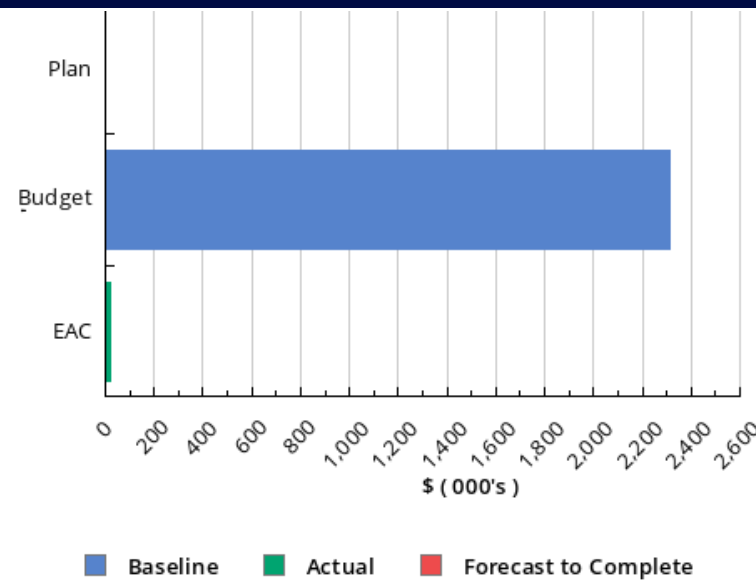


# Project name Pahiatua Wastewater Treatment Plant Upgrade

Report date:	Start date:	Approved end date:	Projected end date:
Jun-24	Jul-23	Jun-26	Jun-26

<b>Purpose:</b>	In order to meet current wastewater discharge consent conditions for the reduction of suspended solids, nitrates and phosphorus levels, the existing wastewater treatment plant at Pahiatua will need to be upgraded. Optional upgrades to increase current plant efficiencies will be the Inlet Screen, DAF feed pumping system and UV installation. Note: (The wetlands, pump station and rising main are separate projects).
<b>Project team:</b>	<b>Sponsor:</b> Mike Dunn <b>Project Manager:</b> Eugene Priest
<b>Key stakeholders:</b>	Horizons Regional Council Elected Members Ngāti Kahungunu & Rangitāne Rate payers/general public Landowners ELT/PMO Compliance Manager

## Project budget:



Whole of Life  
Approved budget:  
**\$2,315,416**  
Actuals:  
**\$17,267**

Status update:			
	PREVIOUS STATUS	CURRENT STATUS	
<b>Overall:</b>	G	G	A second meeting of the Stakeholder group was held on the 27/6 with some excellent progress and buy in from Iwi and Horizons.  Vendor is now proceeding with detailed design and costs for Dissolved Air Flootation (DAF) option 3.  A workshop has been scheduled for 15/7 to evaluate final placement of the new DAF units as they relate to any present and future infrastructure works, and its alignment with the new wetlands to be constructed. This placement will also affect sludge containment and its possible odours and proximity to residential housing.
<b>Scope:</b>	G	G	Scope will need to re-defined after review of design & cost options report. A WwTP working group will workshop Scope using design report and budget ceiling to produce tender documentation.
<b>Time:</b>	A	A	The greatest influence on time for this project is the current consent conditions.  Once design and cost report is received we will have a better idea on construction time. It is the current intention to have this complete in 2025/26
<b>Budget:</b>	G	G	Scope of works is being produced with current budget as a ceiling.
<b>Quality:</b>	G	G	To be covered by reviewing engineers and a comprehensive Inspection Test Plan to be produced with a robust commissioning programme.
<b>Risks:</b>	A	A	Plant inability to meet new 2028 consent conditions. Upgrade to be designed to allow for this possible eventuality  Peak winter flows still a concern. I & I to be investigated.  Sludge containment and odours.  Full risk workshop on receipt of design & cost report
<b>Opportunities:</b>	G	G	Design-build solution could alleviate some program challenges and potentially add value and lower projected costs. Investigate the option of Enviroden delivering a DAF as a treatment option.
<b>Health &amp; Safety:</b>	G	G	None currently
<b>Resources:</b>	A	A	Dependant on consent conditions resourcing could be challenging due to other concurrent high priority projects.
<b>Comms:</b>	G	G	Comms plan drafted. To be reviewed and finalised.

## Next steps:

Site meeting and workshop for DAF unit placement on 15/7  
Design & Cost report to be peer reviewed  
Workshops for Risk/Scope/Hazops  
Alignment with Wetlands project critical

Project timeline:											
START	Procurement for Design	Data Collection for Design Vendor	Initial Design & Cost Options Report	Final Design & Cost Report	Scope/Risk/Hazop Workshops to be Conducted	Procurement for Construction Contractor - NZS3910	Construction Starts	Constructions Complete	Commissioning & Performance Testing	Completion & Handover	FINISH





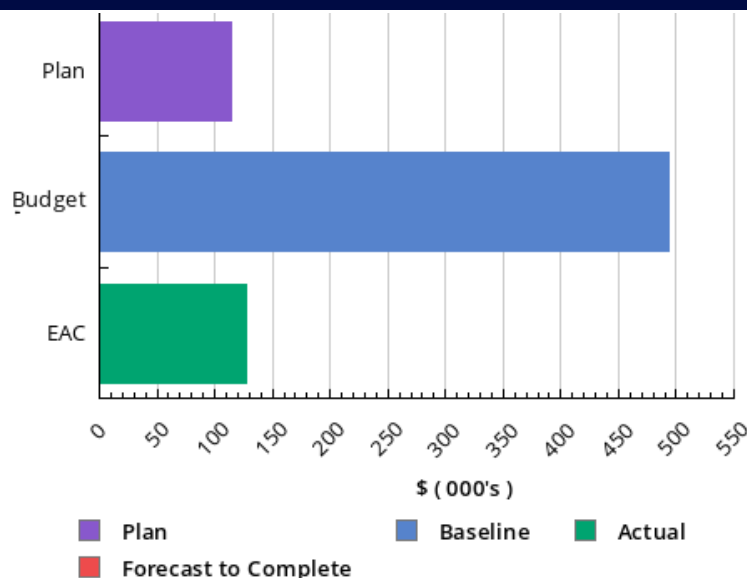
Project name

# SCADA and Telemetry Phase 1

Report date:	Start date:	Approved end date:	Projected end date:
Jun-24	Jul-22	Jun-25	May-24
<b>Purpose:</b>	This project has been initiated to align and comply with new requirements for resource consent monitoring for compliance with NZ water standards. This project will pull the different upgrade funding together to develop and rationalise SCADA and Telemetry framework, architecture, software and dashboarding that provides operational visibility across the entire TDC treatment and network systems. Stage 1 is to determine asset and system Stocktake, Framework, Architecture and system implementation to achieve operational visibility across the network.		
<b>Project team:</b>	Sponsor: Mike Dunn Project Manager: Eugene Priest		
<b>Key stakeholders:</b>	Horizons TDC 3-Waters Team Taranua Alliance TDC IS Team		

Status update:			
	PREVIOUS STATUS	CURRENT STATUS	
Overall:	A	G	Vendor has presented the Phase I investigation report. Risk and prioritisation workshops have been scheduled with stakeholders to go over the reports recommendations for proceeding to delivery (Phase II) of this project.
Scope:	G	G	Pre-determined scope to be followed in Tender process with detailed solution provided by successful respondent.
Time:	G	G	No extra extensions to time since previous month.
Budget:	G	G	Projects District Telemetry Wastewater, District Water Telemetry and District Water Telemetry Development have been consolidated into one funding line for this project. (\$429,000)
Quality:	G	G	Quality laid out in NZ Standards & specifications.
Risks:	G	A	Risk and prioritisation workshop to be held 11/7 for Phase II (implementation) of project
Opportunities:	G	G	No opportunities have arisen.
Health & Safety:	G	G	No health and safety items to be reported.
Resources:	G	G	Appropriate resources are available and workloads are currently sufficient.
Comms:	G	G	Due to interest in project we will be doing external and internal communications.

Project budget:



Whole of Life  
Approved budget:  
**\$493,224**  
Actuals:  
**\$127,332**

Next steps:

- Options tabled to be reviewed and evaluated
- Option to be selected for implementation after risk review workshop
- Phase II scope to be defined and agreement with vendor to be negotiated
- Phase II starts

Project timeline:

START	Project Mandate Issued	Investigation & Business Case	Planning & Procurement With Stocktake Supplier	Receive Lutra stocktake for addition to RFP	RFP for SCADA network Architecture/Framework solutions	Selected Supplier to carry out design of network solutions	Architecture & Framework presented to TDC	Prioritisation of Phase I solutions for implementation of Phase II and accompanying RFP	FINISH
	Mar-23	Mar-23	Jun-23	Jul-23	Nov-23	Apr-24	May-24	Jun-24	



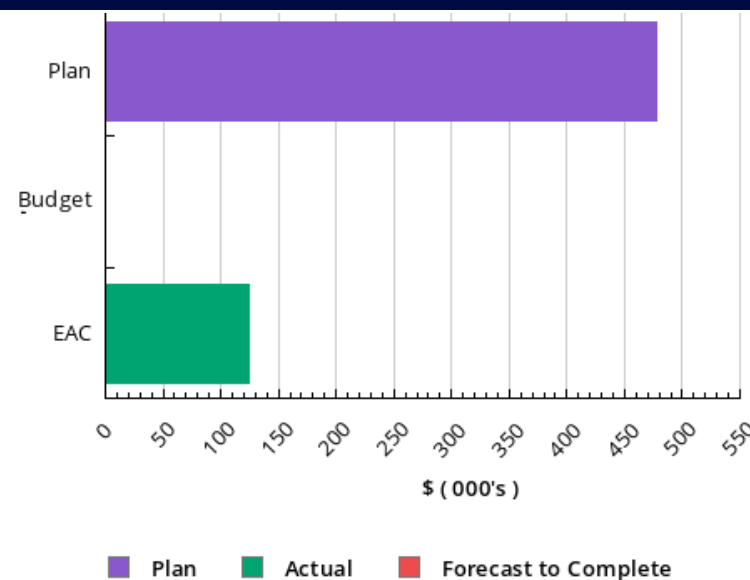
Project name

# Woodville Headworks Refurbishment

Report date:	Start date:	Approved end date:	Projected end date:
Jul-24	Jul-23	Jan-25	Oct-24
<b>Purpose:</b>	This project purpose is to prevent the surcharge and subsequent overflow in the gravity network (servicing Woodville township) upstream of the WWTP by; 1. Improving the capacity of the headworks to deal with higher flows from storm events. 2. Improving the screening system to minimise un-screened wastewater bypasses. 3. Installing flow metering to accurately measure all flow entering the oxidation pond. 4. Developing a system that is practical and cost effective to construct and minimises ongoing operations and maintenance costs.		
<b>Project team:</b>	<b>Sponsor:</b> Mike Dunn <b>Project Manager:</b> Sue Lawrence		
<b>Key stakeholders:</b>	TDC Staff Iwi Horizons Regional Council Contractor staff		

Status update:			
	PREVIOUS STATUS	CURRENT STATUS	
Overall:	G	G	All onsite work was completed in early June. There is no further work planned until the arrival of the Huber Screen in late August/early September.
Scope:	G	G	The scope includes the refurbishment of the pump inlet to provide sufficient capacity to cope with peak wet weather and the reinstatement of the redundant flow meter required for consent reporting.
Time:	G	G	The timeframe is dependant on the delivery of the Huber screen from Germany, scheduled to take approximately 28 weeks.
Budget:	G	G	The budget of \$472,224 is funded from the Wastewater Infiltration and Inflow Strategy(\$422,224) and Woodville Treatment Plant Flow Meter(\$50,000). Payments are ahead of schedule with the construction work progressing ahead of schedule.
Quality:	G	G	A Quality Assurance Plan is in place.
Risks:	G	G	No risks have been identified at this time.
Opportunities:	G	G	N/A
Health & Safety:	G	G	A Health and Safety Plan is in place.
Resources:	G	G	A single contractor has been engaged for the project.
Comms:	G	G	A Comms plan is completed.

## Project budget:



Whole of Life  
Approved budget:  
**\$0**  
Actuals:  
**\$124,791**

## Next steps:

- Delivery of Huber Screen
- Installation of Huber Screen and associated pipework
- Electrical and control system installation
- Commissioning of the new Headworks

## Project timeline:

START	Project Concept	Procurement process underway	PMP drafted and Request for Funding completed	Contractor Assigned	Huber Screen Ordered	Design signed off	Construction work begins on site	Huber Screen arrives	Commissioning of new headworks	Handover and Project Close	FINISH
	Oct-23	Nov-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Aug-24	Aug-24	Oct-24	