



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 April 2024** commencing at **1:00pm**.

Bryan Nicholson
Chief Executive

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.

5. Declarations of Conflicts of Interest in Relation to this Meeting's Items of Business

6. Confirmation of Minutes 3

Recommendation

That the minutes of the Council meeting held on 20 March 2024 (as circulated) be confirmed as a true and accurate record of the meeting.

7. Reports

7.1 Infrastructure Management Report 9

7.2 Cyclone Gabrielle Roothing Recovery Update 21

7.3 Cyclone Gabrielle General Recovery Report 27

7.4 Capital Portfolio Report 31

8. Items not on the Agenda Accepted in Accordance with the Procedure Outlined as per Agenda Item 4

9. Closure



Minutes of a meeting of the Infrastructure, Climate Change and Emergency Management Committee held in the Council Chamber, 26 Gordon Street, Dannevirke on Wednesday 20 March 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, S A Wallace and S M Wards

In Attendance

| | |
|----------------|---|
| Mr B Nicholson | - Chief Executive |
| Mr H Featonby | - Group Manager - Infrastructure |
| Mr D Watson | - Manager – Special Projects |
| Mr P Wimsett | - 3-Waters Transition Manager |
| Mr R Earp | - 3-Waters Manager |
| Mr M Dunn | - Manager – Programmes and Projects |
| Mr D Erard | - Delivery Manager - Transport |
| Ms S Morris | - Land Development Engineer |
| Mr D Cameron | - Recovery Manager |
| Mrs J Neilson | - Solid Waste Manager |
| Ms A Rule | - Policy and Planning Advisor |
| Ms M Brensell | - Executive Assistant to Group Manager - Infrastructure |
| Mrs A Dunn | - Manager – Democracy Services |
| Ms S Ellis | - Democracy Support Officer |

2. Welcome and Meeting Opening

The Chairperson opened the meeting with prayer.

3. Apologies

That the apology from Councillor M F Long be accepted and leave of absence granted for the meeting.

Sutherland/Peeti-Webber

Carried

4. Public Forum

Linda Manning was in attendance, and spoke to the committee on behalf of fluoride free Tararua in regards to the impending fluoridation of the Dannevirke/Tararua water supply. She requested the Committee respond to an email regarding an extension of the fluoridation project to 31 December 2024, citing delay extensions in other areas, including Nelson City Council. She responded to comments made by councillors in previous meetings, taking umbrage with disparaging remarks surrounding her group, and with offensive language used regarding disabled children. She commended Councillor M Long on his defence of fluoridation concerns, notably regarding the effects of excessive fluoride on infants via use in formula.

She pushed back on Council's claim that fluoridation was compulsory, reiterating that a delay to 31 December was possible, and that there was a clear conflict between the legal obligations and government direction.

She advocated for more community-based initiatives to educate children and families on brushing teeth, including to prompt children to brush their teeth during the school day, and also made note of the serendipity of the date – World Oral Health Day.

In closing, she invited a council presence at a public meeting she would be organising to generate further discussion within the community on the matter, and stated the intention to send a speaker for a future public forum to provide further details upon finalisation of the event plans.

In response, Chairperson K A Sutherland requested a list of questions sent via email, which he could answer in further detail following the meeting. He stated that he was keeping a close eye on fluoridation extensions, and that there may be conversations between other local Councils surrounding this. He apologised for the offensive comments attributed to councillors made in Council Chambers.

5. Notification of Items Not on the Agenda

Nil

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

Councillor S M Wards – Ākitio water supply as a Ākitio houseowner.

7. Confirmation of Minutes

That the minutes of the Council meeting held on 21 February 2024 (as circulated) be confirmed as a true and accurate record of the meeting.

8. NZTA - Waka Kotahi Update

Representatives from the New Zealand Transport Agency - Waka Kotahi, were in attendance to give a presentation and to provide an update on work done regarding the old Manawatu Gorge road. They updated the Committee on the formation of a business case and prospective management plan arising from an initial Geotech assessment of cliff face stability, as well as gorge road asset status. From this assessment, they determined the gorge road to be unsafe for public access, as well as for contractors providing regular maintenance - with heat maps highlighting areas of especial concern. They outlined the purpose of the management plan; the intent being to decommission the road, to revoke the state highway denomination of both accessible ends of the gorge road, and to involve both associated Councils and iwi in this process. They stated that works would be undertaken on each end of the gorge to ensure the assets were in a fit enough state for a hand over to their respective local Councils. They noted that fit-for-purpose models had been proposed to outline what that would look like and estimate total cost, with the intent to work with each Council to ascertain what would work best. In regards to the bridge listed as a heritage site on the Woodville end, there would be negotiations for a bespoke arrangement to retain the bridge.

In discussion, it was queried whether the road would be restored to its former state, and whether the gorge would be used for leisure activity - walking and cycling - in lieu of vehicle use. It was argued that traversal of the gorge could be likened to some prominent trail hikes, wherein the individual would determine the level of risk they would be willing to subject themselves to. It was responded that once revocation had taken place, the land would be under the responsibility of Land Information New Zealand (LINZ) to then open discussions with both the Department of Conservation (DoC) and the Council in regards to its use going forwards.

With regard to the heritage bridge site, there was some discussion over whether the Council would be amenable to maintaining a bridge with little functional use, and it was advised to have conversations with DoC due to the necessity of access points requiring bridge use.

9. Reports

9.1 Infrastructure Management Report

The Infrastructure, Climate Change and Emergency Management Committee considered the report of the Group Manager – Infrastructure dated 11 March 2024 that provided an update on key activities and items of interest over the

period 10 February to 11 March 2024.

Concerns were expressed regarding compliance with bylaws surrounding water use and tanks at Ākitio, and the lack of data ascertaining the true number of compliant individuals.

That the report from the Group Manager - Infrastructure dated 11 March 2024 concerning the Infrastructure Management Report be received.

Wallace/Collis

Carried

9.2 Cyclone Gabrielle Roding Recovery Update

The Infrastructure, Climate Change and Emergency Management Committee considered the report of the Transport Manager dated 10 March 2024 that provided an update on the roading recovery, funding audit and funding implications for the Cyclone Gabrielle roading recovery.

That the report from the Transport Manager dated 10 March 2024 concerning the Cyclone Gabrielle Roding Recovery Update be received.

Peeti-Webber/Chase

Carried

9.3 Cyclone Gabrielle General Recovery Update

The Infrastructure, Climate Change and Emergency Management Committee considered the report of the Recovery Manager dated 12 March 2024 that provided a general update on the Cyclone Gabrielle recovery.

In discussion concerns were brought up in regards to use of funding beyond the immediate recovery phase, notably within the next 6 months. It was noted that funding would most likely prioritise farm and business recovery.

That the report from the Recovery Manager dated 12 March 2024 concerning the Cyclone Gabrielle General Recovery Update be received.

Johns/Wards

Carried

9.4 Capital Portfolio Report

The Infrastructure, Climate Change and Emergency Management Committee considered the report of the Manager - Programmes & Projects dated 7 March 2024 that provided an update on the capital programme and key project statuses.

That the report from the Manager - Programmes & Projects dated 07 March 2024 concerning the Capital Portfolio Report be received.

Wallace/Collis

Carried

10. Items not on the Agenda

Nil

There being no further business the Chairperson thanked those present for their attendance and contributions, and declared the meeting closed at 2:36pm.

Chairperson



Report

Date : 11 April 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**

1. Recommendation

- 1.1 ***That the report from the Group Manager - Infrastructure dated 26 March 2024 concerning the Infrastructure Management Report be received.***

Executive Summary

With the change of seasons upon us the infrastructure team are focusing on concluding their summer construction projects and planning for both the rush to the end of the financial year in June and to plan for the next year to come. With an LTP in the works and Waka Kotahi funding under review for both the three-year funding block and the Cyclone Gabrielle planned repairs there is a level of uncertainty that makes operational planning challenging which has added an extra factor to their decision making.

The teams have all done a good job to balance their limited time between a challenging long term planning cycle and the day-to-day delivery of infrastructure to the community. A particularly intense challenge and example of how the team have stepped up was for those that worked on the 3 waters AMP. Under the previous government the three waters reform process had the National Transition Unit taking responsibility for writing the 3 Waters Asset Management plans on behalf of the industry. Once the change was made to repeal that process early in 2024 the responsibility for that document fell back to Councils and Peter and Marcus were left to pull together what had been done to date and retrofit it back to our organisation and make it fit for purpose within a very short time compared to normal – a few months rather than about a year.

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 12 March to 11 April 2024.

3. Transport

3.1 Management Overview

As we are now well into Autumn and the temperature starts to drop, the maintenance and renewal pavement works are scaling down. Both the reseal and pavement rehabilitation programmes are completed. The pavement maintenance team is assisting on the Route 52 project by undertaking patch repairs between Weber and Wimbledon. The pavement renewal team is focusing on cyclone recovery repairs while the drainage teams begin to work through the drainage renewal programme. Although pavement works will scale down, other maintenance activities continue to be completed. Heavy vegetation trimming is in progress and the second round of roadside mowing is planned to start in April. Blocked culvert jetting and sump cleaning is also planned to begin in April, to be completed before winter sets in.

3.2 Transport Budget Categories

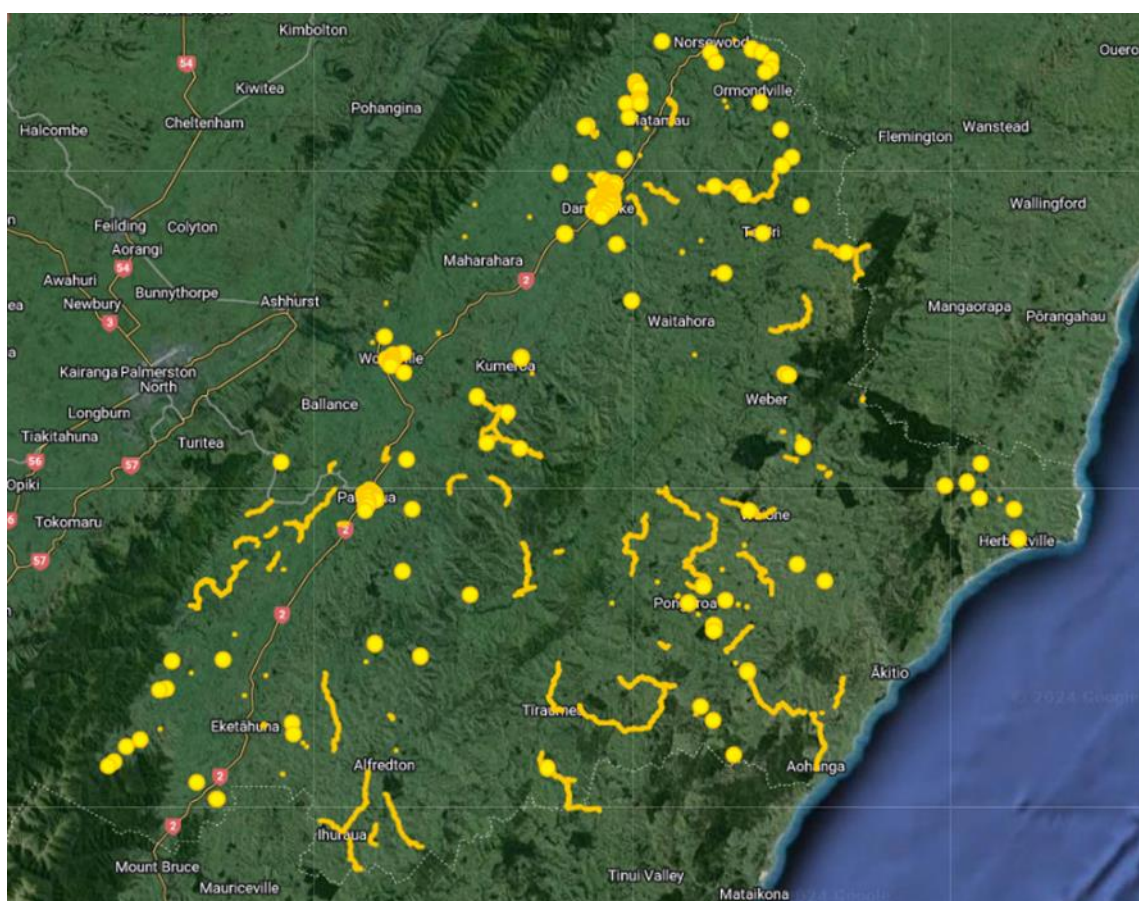
| Category | 23-24 Budget \$ | YTD Spend \$ | Committed Forecast Spend | Unallocated / Unspent | Commentary |
|-------------------------|-----------------|----------------|--------------------------|-----------------------|---|
| Transport - Maintenance | \$8,394,390.99 | \$7,496,685.80 | \$900,167.16 | -\$2,461.97 | 150m2 of planned dig out repairs left to be completed. Remaining pavement maintenance budget will be kept to ensure we can repair any urgent work that may be identified between now and the end of the financial year. Maintenance grading continuing as normal through the rest of the financial year. Blocked culvert jetting and sump cleaning planned to begin in April. Increased kerb and channel cleaning for the autumn leave fall. Heavy vegetation trimming 30% completed and is planned to be completed by end of May. Second round of rural roadside mowing planned to begin in April. |
| Transport - Renewals | \$7,423,484.04 | \$3,913,982.50 | \$3,452,808.03 | \$56,693.51 | The reseal programme is completed. The pavement rehabilitation programme has been completed. Drainage teams have begun the drainage renewal programme of replacing broken culverts across the district. Heavy metal overlay work programmed to take place in May/June. Edge Marker Post replacements to increase in April through to June. |
| Transport - | \$1,026,160.38 | \$229,205.98 | \$615,649.37 | \$181,305.03 | Non-compliant guardrails around the network are being repaired or replaced to be |

| Category | 23-24 Budget \$ | YTD Spend \$ | Committed Forecast Spend | Unallocated / Unspent | Commentary |
|--------------------------|-----------------|--------------|--------------------------|-----------------------|--|
| Subsidised | | | | | made compliant. This is planned to be completed by end of April. School speed zones are with NZTA for approval. After discussions with NZTA, we expect this to be approved in April so that we can install them in May/June. |
| Transport - Unsubsidised | \$261,800.00 | \$141,941.62 | \$72,302.11 | \$47,556.27 | Budget for any urgent work that may be identified between now and the end of the financial year in regards to any roadside verge maintenance beyond the programmed roadside mowing. |

Updated - 28th March 2024

3.3 Completed Dispatches across the District

3.3.1 Below is an image of completed dispatches in the month of March to give reference to the focus areas in the district.



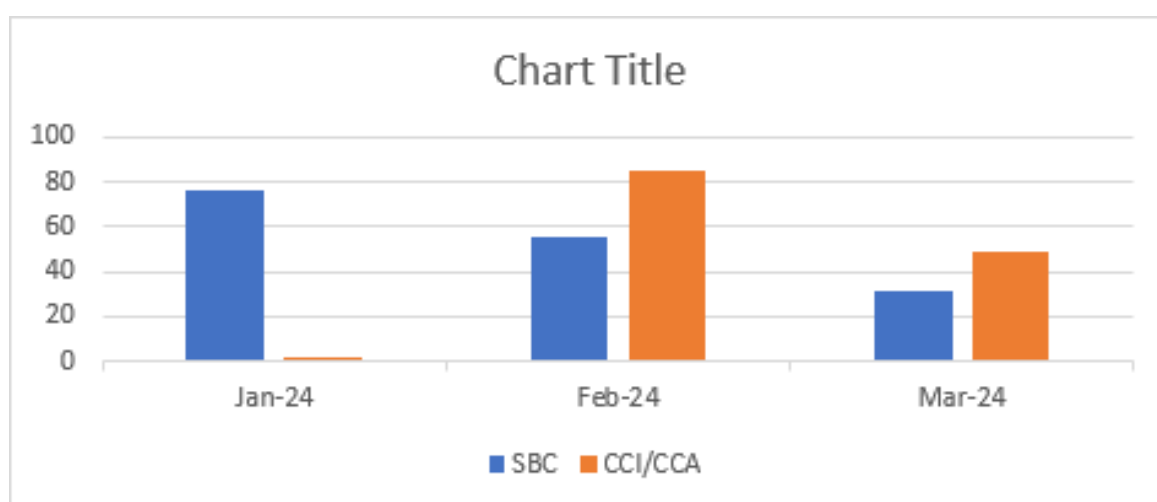
3.4 Alliance Zero Harm Audits

3.4.1 Due to several recent incidents associated with driving, the team have been focusing on driving critical risk audits to ensure we have the right controls in place

and the team are driving safely. With the number of attended and unattended sites around the district and a large amount of work being undertaken by both Alliance crews and contractors, traffic management has also been a high focus area.



Alliance Zero Harm Audits



Note: SBC = Safety behaviour conversation
CCI = Critical Control Inspection
CCA = Critical Control Audit

4. 3-Waters

4.1 Integrated Strategic Plan Development.

Over the last month, work has progressed to identify long term three waters needs to support growth zones defined in the Draft Urban Growth Strategy (this work will be complete in May 2024). This work has enabled us to consolidate all the challenges facing three waters infrastructure across the district and have been able to identify a range of potential strategic responses to these challenges. These responses need to be assessed by considering District Council, Regional Council, and iwi considerations and priorities to develop an integrated plan of how we proactively maintain and upgrade our three waters infrastructure over the next 10 – 30 years.

This is timely because Central Government's "Local Water Done Well" policy requires all Councils to prepare a Water Service Delivery Plan. Our strategic planning work will form the basis of a Service Delivery Plan in time to support potential future Government funding opportunities and/or further reform.

This will set the overarching strategic direction for three waters investment:

- For water supply / distribution, we need to determine whether we take a demand side (conservation) approach (water meters, industrial water reuse etc) or a supply side (build more water plants and pipes) approach. This will inform the need to invest in alternative water source investigations or if this can be avoided through better leak management and water consumption.
- For wastewater, this means understanding the priorities for iwi and Regional Council on which waterways are most critical in terms of addressing wastewater discharges, and setting a direction on where we invest in wastewater based on this, in an affordable way. To support this, we are instigating a Wastewater Advisory Group (see further below).
- For stormwater, we will need to identify whether we develop more "hard infrastructure" (ie more pipes) or take a green infrastructure approach (use of green spaces / green road verges) to stormwater management in the future.

4.2 **Wastewater Advisory Group.**

As noted above, a key element of the Strategic Planning work is to form a Wastewater Advisory Group (who will also look at broader issues of water supply and stormwater as appropriate). This will include representatives from TDC, HRC, both Iwi, a wastewater technical expert and members of local communities when required. Additional technical advisers will be co-opted to the Group when necessary ie consent planning. For other District Councils, an advisory group / working group approach has been very successful in balancing wastewater affordability and environmental issues with wastewater good practice.

While it forms part of the wider strategic planning this initiative is being progressed with urgency due to the non-compliance of the Eketahuna, Pahiatua, Woodville and Pongaroa wastewater consents. The intent is that the first meeting of this forum will occur before the end of April 2024 followed by a workshop in May to verify the Terms of Reference. The key outcomes of the group are expected to be:

- To set the priorities for where improvements are to be made to wastewater across the District.
- Agree between District Council, Regional Council and iwi on the principles for resource consents for treated wastewater discharged. Two of our wastewater treatment plants have expired consents, and four have consents expiring within the next 4 – 5 years.

4.3 **Site Visits**

On the 8/9 April 2024 three members of the Waters Team travelled to Whanganui, New Plymouth, and Taupo to view different wastewater treatment and sludge processing options. This included inspecting a vermiculture facility and observing the disposal of water to land on a farm north of Taupo. In addition, the group received a brief from the team leader of the New Plymouth City Council's water metering project involving the installation of 27,000 individual water meters across New Plymouth city.

4.4 **Resignations and Recruitment**

Two members of the 3 Waters Team resigned in April – Terry Lamb, the Utilities Engineer, who is moving to Northland to be closer to family and Tom McAlevey, the Water and Wastewater Operations Manager, who has accepted a role with PNCC. Both these roles will be advertised shortly in addition to the recently approved new roles to be funded with 'Better Off Funding'.

4.5 **Operations - Water**

Pahiatua Water Supply

The main pipeline feeding the Pahiatua Reservoir from the Pahiatua Water Treatment Plant was repaired for the 6th or 7th time late into the evening on Friday 5 April 24 and completed on Saturday morning. The longitudinal split was approximately 2.5m long and required a section of around 4m to be cut out and replaced. A pressure point caused by poor installation (the pipeline was laid directly onto large aggregate) ruptured and split the pipe. Optioneering is required to identify how and when to address the condition of this pipeline.



Woodville Water Supply – Possum in the Reservoir

Taumata Arowai has responded positively to the action TDC has taken to address this incident and ensure it does not occur again. Advice received to date has indicated that Council may not be issued a 'Directive' to take specific action because this action has already occurred. TDC is waiting for formal notification and if a 'Directive' is not received a final report will be presented to the next ICCEM to close out this incident.

District Reservoir / Tank seismic assessments

NES Inspections Ltd and Tank Technology Ltd were engaged by Tararua District Council to undertake an Internal Condition and Detailed Seismic Assessment (DSA) of the Woodville Treated Water Reservoirs 1 & 2 in early 2024. Both Woodville Reservoirs were built in 1902, construction is an embedded concrete base, concrete gable end walls, timber rafters and a corrugated iron roof.

The internal inspection found debris buildup on the floors, deterioration, and cracking of outer and internal dividing walls with submerged pipefittings also being heavily corroded. The Seismic assessment identified that both reservoirs gable end walls may fail under seismic loads, the roof connection could also shear off causing the roof to slide, dismantle from its fixings and drop into the reservoir. Both reservoirs were Grade E, 'Very High Risk' of failure under Section 133AB of the Building Act 2004 which defines a building to be Earthquake Prone Building (EPB)

Remediation options include temporary bracing on the gable end walls, however, this may have to extend to the removal of the gable end walls and both roof structures and for a temporary floating cover to be installed. Funding has been budgeted in 25/26 for planning, and \$500K for design and construction in 26/27. This funding may have to be brought forward as both reservoirs are classified as critical assets.

The seismic report for the Dannevirke Reservoir # 2 (1969) has now been received and indicates that it is in reasonably good condition for its age. However, it requires internal maintenance, repairs to the roof and the installation of a steel band around the base of the reservoir to provide additional strengthening.

Consents and Compliance

The Consents Team has been working with HRC to address as many of the Significant and Moderate Non-Compliances as possible. In addition, they have been enhancing the capacity of Water Outlook to also receive and monitor Wastewater sample results to support reporting requirements to the regulator.

5. Solid Waste

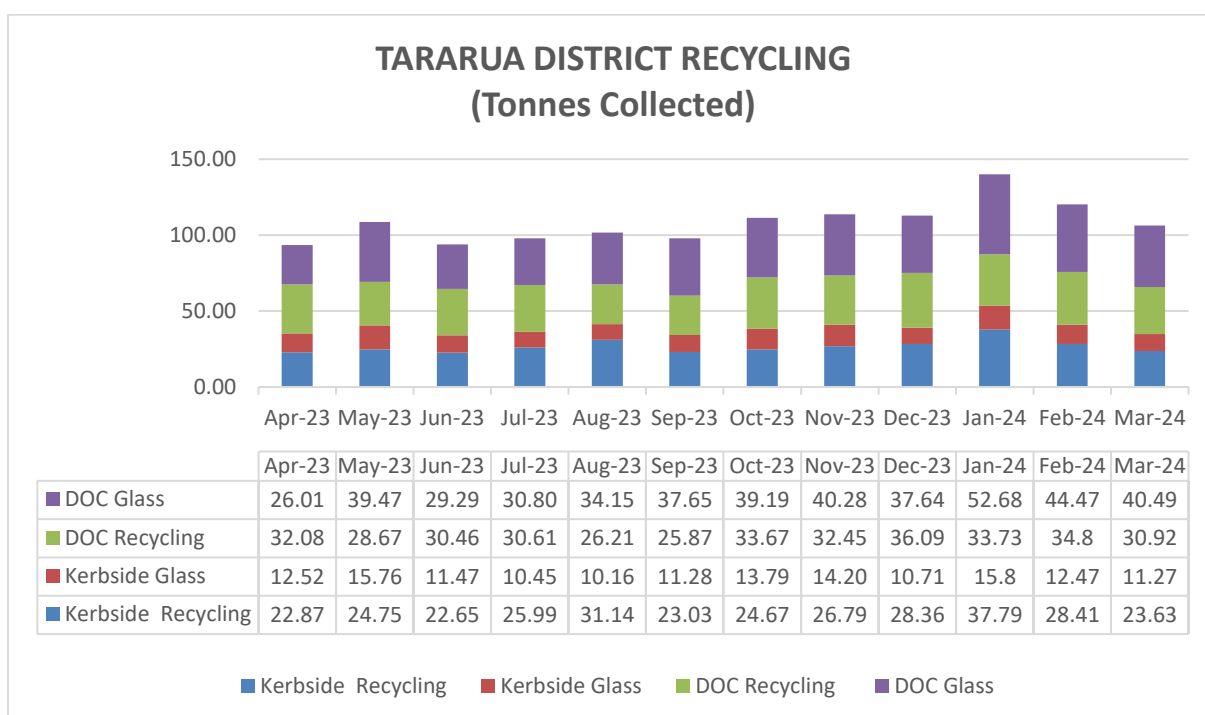
5.1 Operational Activities

| Budget/Activity | | | | | |
|---|--|------------------------------|------------|------------------------------------|------------|
| <ul style="list-style-type: none"> Refuse Transfer Stations (RTS Sites) | <ul style="list-style-type: none"> - Transfer Stations continue to run smoothly. Staff have received numerous comments from the general public recently, noting how tidy Dannevirke site is, and how much happier the staff are, making their overall experience of coming to the Transfer station - A pleasant one. - Our Team on-site at Dannevirke RTS are reviewing the existing Recycle drop-off area, with all agreeing the container method is suitable for our unmanned sites, not as suitable for Dannevirke... <ul style="list-style-type: none"> • Significantly higher volumes year-round than other sites. • Need to accommodate for oversized cardboard received daily. • Ability for onsite staff to service as and when needed. - Above = Reduction in Operational Cost, Fit for Purpose Solution. - Southern Transfer Stations historic stockpiles of tyres & e-waste continue to reduce, still a lot more work to do, but these sites are also looking very tidy. - Health & Safety – Continuing work with our H&S Consultant in developing our Traffic Management Plans, Risk Registers and Contractor Inductions. - <u>MARCH:</u> <table> <tr> <td>Waste diverted from landfill</td><td>3.56 Tonne</td></tr> <tr> <td>Contaminated recycling to Landfill</td><td>0.71 Tonne</td></tr> </table> | Waste diverted from landfill | 3.56 Tonne | Contaminated recycling to Landfill | 0.71 Tonne |
| Waste diverted from landfill | 3.56 Tonne | | | | |
| Contaminated recycling to Landfill | 0.71 Tonne | | | | |
| Recycle Drop-off Centres (DOC Sites) | <ul style="list-style-type: none"> - Town recycling bins have now settled back into off-peak season service frequencies. | | | | |
| Kerbside Recycling Services | <ul style="list-style-type: none"> - Services continue with no reported issues or complaints. - We have shifted our focus on contamination to preventing it at the kerbside, it's the most efficient way to eliminate it from our loads. The Team have reduced the amount of time spent pulling contamination out of the kerbside recycle loads on arrival, placing the responsibility back with our Contractor to work with their bin Auditor in identifying contaminated bins at the kerbside, to <u>prevent</u> their truck from emptying them into the load onboard. - Last Month we provided recycling information to a small number of properties where unacceptable contamination levels had been identified. - We removed a bin from a Woodville property where it was full of dog faeces, and organic matter, with no recycling whatsoever, for the second consecutive service. | | | | |

5.2 Operational Projects

| Project | Status | Estimated Cost | Expected Completion | Comments |
|---|--------|----------------|---------------------|--|
| Waste Management & Minimisation Plan Review | | | Jun 24 | Draft WMMP is adopted – Consultation deferred due to other priority engagements. |

5.3 Waste Minimisation



5.4 Tyre Stewardship Scheme – Commenced 1st March 2024

Too many tyres end up in landfill, stockpiled or illegally dumped. Communities and councils are often left with the clean-up.

Under a new product stewardship scheme, called Tyrewise, more end-of-life tyres will be repurposed. Product stewardship is where producers take responsibility for reducing a product's environmental impact.

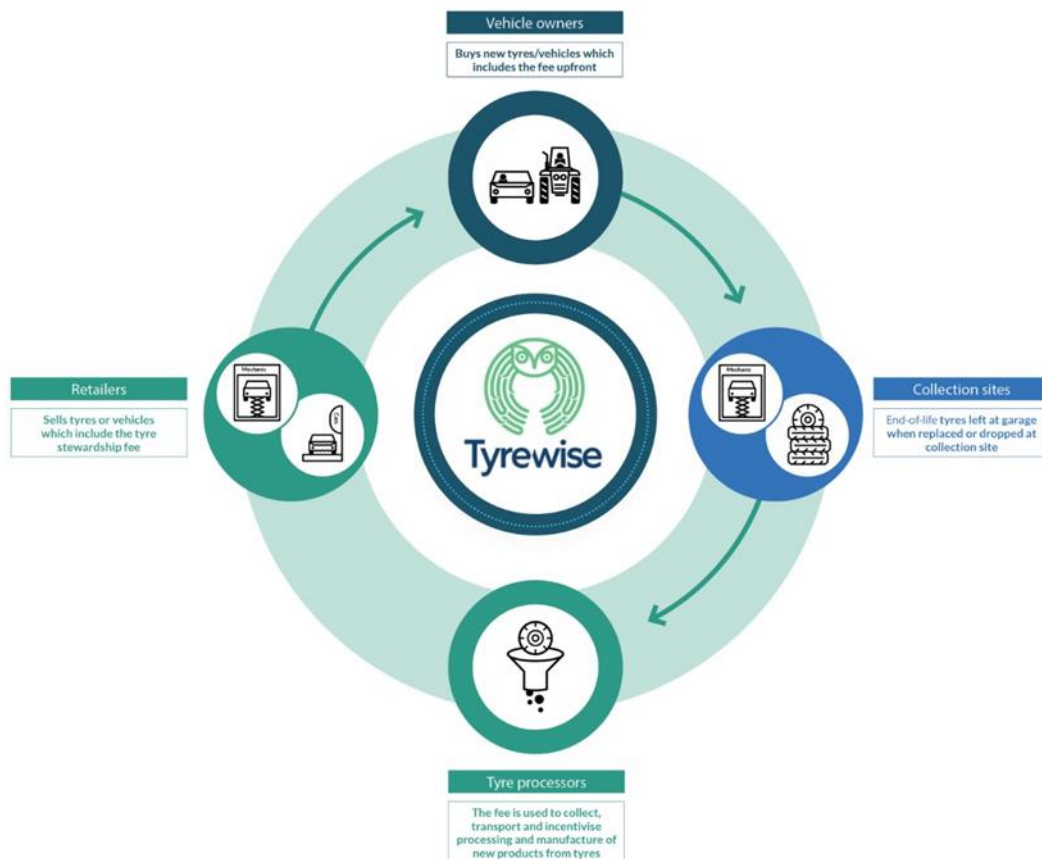
- From 1 March customers started paying a stewardship fee when buying tyres from retailers. If you buy a newly imported vehicle the fee is included at first registration. The fee varies depending on the type and weight of tyre. It is \$6.65 plus GST for a standard passenger car tyre of approximately 9.5kg.

- From 1 September the Tyrewise scheme will be fully operational and there will be no more ad hoc tyre disposal fees which many retailers currently charge.

The fee covers tyre collection and transportation. It also incentivises the processing and manufacturing of end-of-life tyres into new products.

The scheme will help manage tyres more sustainably across the country. Currently only about 40 per cent of the 6.5 million tyres which reach the end of their useful life in Aotearoa each year are repurposed (eg, sold for tyre-derived fuel or recycled).

Tyrewise aims to double the proportion of tyres being repurposed over time. Its target is to have 80 per cent of tyres repurposed by 2028 and over 90 per cent by 2030.



Attachments

Nil.



Report

Date : 11 April 2024

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

From : Mark Allingham
Transport Manager

Subject : **Cyclone Gabrielle Roding Recovery Update**

Item No : **7.2**

1. Recommendation

- 1.1 *That the report from the Transport Manager dated 04 April 2024 concerning the Cyclone Gabrielle Roding Recovery Update be received.*

Executive Summary

The additional resources added to the Tararua Alliance is making greater progress across the network but will need to make greater improvement over the final three months to ensure that the surplus of the response funding is kept to a minimum. The carried forward forecast is currently at \$9M with \$10M forecast to spend to end of June.

The recovery funding is still under review by NZTA and considered probable and so plans are underway to prepare to deliver once the funding is approved.

While good progress is being made it will be imperative that the average spend over the next three months is maintained at or above the \$2.5M as forecast.

2. Reason for the Report

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

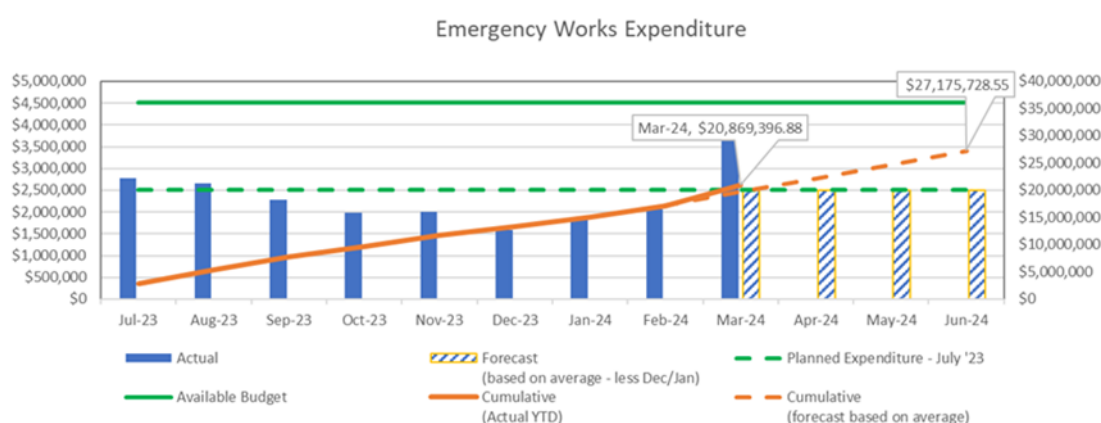
3. Funding

- 3.1 The funding application for the Cyclone Gabrielle response is lodged within Waka Kotahi's funding management system. The approved initial response funding received for Cyclone Gabrielle is \$44.97M (at 100% FAR until the end of June '24)
- 3.2 An additional application of \$45.28M* is currently lodged for review by Waka Kotahi for the recovery & resilience phases. These repairs are currently forecasted based on the standard Emergency Works FAR of 93%. The total Cyclone Gabrielle response application is \$90.2M.

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

4. Expenditure & Forecasts at End of March 2024

- 4.1 Our total expenditure for WC141 (Emergency Works) to date for the 2023/24 financial year is \$20.8M.
- 4.2 Our revised average expenditure per month is now \$2.5M. This is up \$120k from the previous report due to March's expenditure exceeding the previous average.
- 4.3 The total forecasted expenditure has been updated \$27.2M to reflect the increase average expenditure. This is up from \$26.5M
- 4.4 With a large number of projects in the approval phase and additional contractors commencing works via the Sub-Contractor Supply Panel, expenditure per month is expected to exceed the average forecast.



| | |
|---|--------------|
| 2023/24 Total Emergency Works Available Budget (NZTA Work Category 141) | \$36,167,680 |
| 2023/24 Planned Expenditure (revised up to October '23 \$36M due to 100% FAR expiry) | \$20,000,000 |

| | |
|--|--------------|
| 2023/24 Spend to date (end of March) | \$20,812,483 |
| Expenditure in month | \$3,664,798 |
| Forecasted Monthly expenditure (based on average per month spend 2023/24 – less Dec/Jan) | \$2,492,782 |
| Forecasted Expenditure (based on average per month spend 2023/24 – less Dec/Jan) | \$27,175,728 |
| Estimated carry forward (based on average per month spend 2023/24 – less Dec/Jan) <i>note: as approved works commence, we anticipate this value to reduce with a higher than average spend over April/May/June</i> | \$8,991,952 |

5. Local Share

- 5.1 The NZTA guidance for Initial Response works released in October 2023 states the 100% FAR will end on 30 June 2024. This will see the carry-forward return to a standard Emergency Works FAR of 73% for up to 10% of the annual maintenance programme value and +20% for the remaining works (93%).
- 5.2 Officers are continuing to enquire about an extension to the special FAR into 2024/25 financial year. Our NZTA Investment advisor has advised us, that based on current guidance, the extension is not likely.
- 5.3 Officers will continue to advocate for the extension to the special FAR until certainty is provided from NZTA.
- 5.4 Should the initial response funding rate not be amended to a special FAR the council funding required for the \$8.99M* carry forward will be \$0.63M* (based on 7% local share). This figure has been factored into the LTP budget calculations so is not on top of currently advised LTP figures.

**Note: As approved works commence, we anticipate this value to reduce with higher than average expenditure over April/May/June.*

6. Recovery & Resilience Phase

- 6.1 Based on the +20% Enhanced Emergency Works FAR rate of 93% the total local share required for Cyclone Gabrielle Recovery of \$45.28M is \$3.17M over the 2024-2027 NLTP. This figure has been factored into the LTP budget calculations so is not on top of currently advised LTP figures.

7. Delivery High Complexity Works

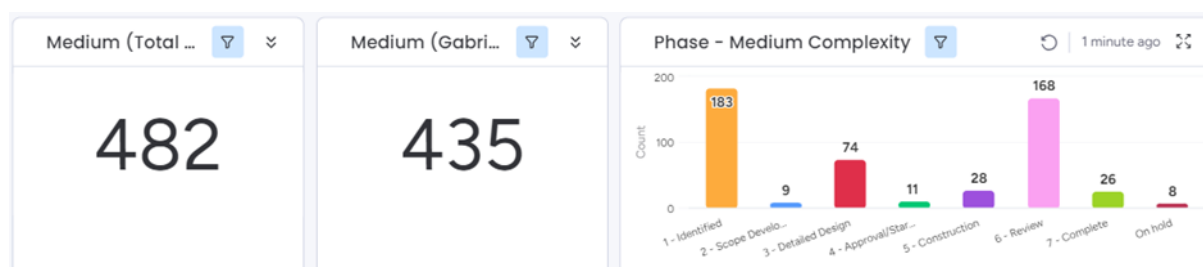
- 7.1 Effort is currently focussed on the start-up of the five large High-complexity projects, as these are the projects that will enable the increased average

expenditure indicated in previous parts of this report. Some of these are complex projects, that need involvement from multiple stakeholders (e.g. Horizons, Landowners) to gain approval, but will be relatively straightforward once onsite operations commence.

- 7.2 Over the past few months, significant inroads have been made in moving high complexity projects through the various planning phases. As we near the end of the 2023/24 construction period, high complexity works will reduce as the weather impacts the ability to deliver certain projects efficiently.
- 7.3 With nine projects either under construction or in start-up phase, and multiple designs nearing completion, we are in a good position to enter the 2024/25 construction season with certainty over the work programme.
- 7.4 With an increased number of complex projects being procured, additional procurement support is being recruited to assist in providing commercial tension to the Emergency Works programme and release some of the pressures the team has been under over the previous 12 months.

8. Delivery Medium Complexity

- 8.1 As the “Business-as-usual” Road Maintenance programme draws down towards the end of the financial year, capacity has become available and allows more focus to be placed on the Medium Complexity projects.
- 8.2 These projects are less complex repairs that move through the Scope Development and Design phases quickly, but are of lower value, hence the reason the team has focussed on the High-value High complexity works.
- 8.3 While these projects can commence quickly, many of these projects are those that if additional funding is secured, greater resilience can be built into them. Over the long-term, this reduces the financial risk to the roading network.
- 8.4 Much of the focus for Medium Complexity works is towards the northern parts of the district, with the initial response largely focussed on the Pongaroa/Akitio areas due to higher level-of-service impacts seen in these areas.



Attachments

Nil.



Report

Date : 11 April 2024
To : Chairperson and Committee Members
Infrastructure, Climate Change and Emergency Management Committee
From : Don Cameron
Recovery Manager
Subject : **Cyclone Gabrielle General Recovery Report**
Item No : **7.3**

1. Recommendation

- 1.1 *That the report from the Recovery Manager dated 11 April 2024 concerning the Cyclone Gabrielle General Recovery Report be received.*

2. MPI Community Hub Funding

The community hub project is entering its last phase with generators being wired in, disability ramps being installed, and a few other activities being completed over the coming weeks.

The on farm first aid training for each of the cyclone impacted communities is planned between the 21st - 24th May. Once these activities have been completed, we will produce and submit our final report to MPI.

3. Tararua on Track Fund

In September we asked Tararua Farmers & Growers who had uninsured critical repairs on the land and farms to apply to the Tararua on Track Fund. This was a \$1 million dollar fund that Council was successful in bidding for as part the Ministry of Primary Industries \$35.4 million package to support the recovery of rural

communities affected by North Island Weather events, including Cyclone Gabrielle.

This fund gave farmers the opportunity to apply to be reimbursed for un-insurable/uninsured critical repairs on their land due to Cyclone Gabrielle. They could also apply for costs relating to work yet to be completed, but that were able to be completed by 31 December 2023 deadline.

The final payments for this fund were made in March 2024 tying up the fund with 117 applications approved and paid. This totalled \$994,346.97 of funding going directly to our community. 10 applications were unable to meet the requirements of this fund due to not meeting requirements, inability to supply sufficient information, applying more than once and an applicant withdrawing their application.

The final report was also completed in March and sent off to the Ministry of Primary Industries. This report detailed a full breakdown of payments, approval process, examples and key feedback received.

4. DIA Wellbeing Events Funding

The Tararua Excellence in Farming Awards was an existing event that aims to celebrate and support Tararua Farmers and Growers. The theme of the night was 'wellbeing' and speakers acknowledged the struggles our rural community still faces with the cyclone clean up and other challenges and encouraged attendees to reach out for support where needed whether it be through Rural Support Trust or their trusted team including rural professionals (banks, accountants and advisors).

The recovery team supported this event through the DIA wellbeing events funding via paying \$5000 towards the catering for this event.

5. Updated Recovery Plan

The recovery team is in the process of reviewing and updating the recovery plan to reflect the focus areas of the leads one year on.

This recovery plan will outline the teams' intentions to build upon the intensive work undertaken since Cyclone Gabrielle by completing remaining funding activities, build comprehensive data sets for future planning and explore innovative solutions to existing problems.

We expect this review to be completed mid-April.

6. Extreme Dry

Due to extreme dry conditions, parts of the Horizons region including the Tararua District have been included in the medium-scale adverse event declaration announced by central Government in late March.

The declaration enables some support for affected farmers, including access to the income equalisation through the IRD. We highly recommend farmers talking to their accountants about this support. Rural assistance payments may also be available through the Ministry for Social Development for farmers facing difficulties meeting essential living costs due to the dry conditions.

7. Review of the HBCDEM Response to Cyclone Gabrielle Report

The recovery team is reviewing the final report from Bush International Consulting regarding the Hawkes Bay response to Cyclone Gabrielle. The intention behind our review is to look critically at our own response from the lense of this review and apply any lessons through the recovery framework.

We will create a report with our findings once completed.

8. Cyclone Gabriele Appeal Trust

The Cyclone Gabrielle Appeal Trust Fund has been opened which is available to our communities, iwi, hapu and marae in the Northland, Auckland, Waikato, Bay of Plenty, East Coast, Hawke's Bay regions, and the Tararua District. The Trustees have directed their focus towards addressing the medium to long-term needs of these affected regions.

The recovery team is actively promoting this within our community and encouraging groups to engage TDCs Community Development Advisor for support in applications.

9. Staffing

Social Lead Toni Chapman has her last day on April 31st. As part of the recovery plan review we are looking at how to ensure key responsibilities are carried over during her absence.

We thank her for all the amazing work she has done in recovery.

Attachments

Nil.

Report

Date : 11 April 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 : **7.4**

1. Recommendation



- 1.1 *That the report from the Manager - Programmes & Projects dated 04 April 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 |  | <p>The portfolio health is currently overall green, indicating positive progress aligned with objectives. Certain projects have been effectively paused, adhering to project management best practices of managing by exception. The focus is maintained at addressing projects needing realignment to ensure they are brought back on track, in order to maintain the portfolio's overall health and success.</p> |

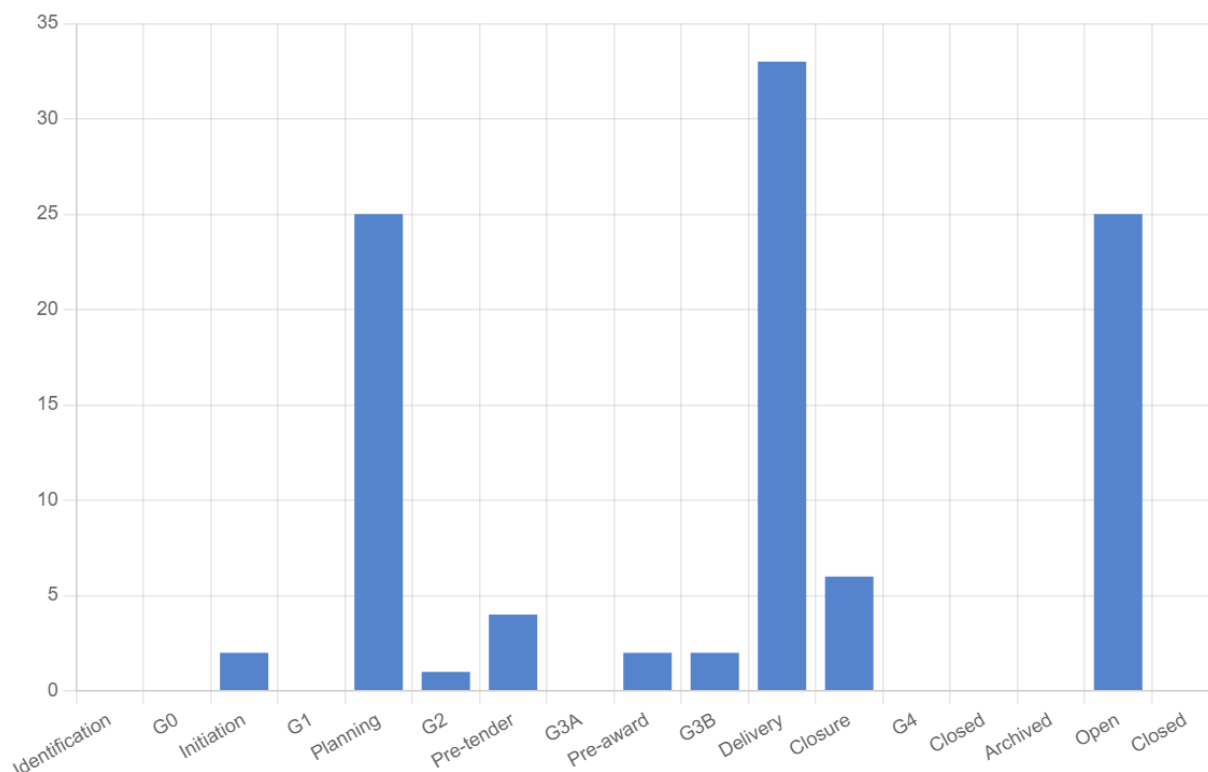
| Portfolio Health Status | | Forecast | General Comment |
|-------------------------|--|---|---|
| Schedule |  Amber |  | The Dannevirke Impounded Supply projects, Route 52 and Wastewater Treatment plants continue to take corrective action and planning in order to progress. The associated projects financial year (FY) budgets has elevated the health status to Amber. However, it should be noted the remainder of the portfolio is in good health. |
| Budget |  Green |  | Some projects have been put on hold which forecasts some underspent budgets across the portfolio e.g. Dannevirke water programme and the Eketahuna wastewater programme. Corrective action has taken place and is working through confirmatory actions. Overall, the budgets are being utilised effectively. |
| Risk |  Green |  | Project risks are being inserted into our Project software in accordance with our Risk framework and will be used to better capture, report and manage our project risks. |
| Resourcing |  Amber |  | Resource constraints across the portfolio are being reviewed from a portfolio level and considered against the LTP programmes and projects. Resourcing is being confirmed and actions to address these shortfalls are to occur. |

Legend

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

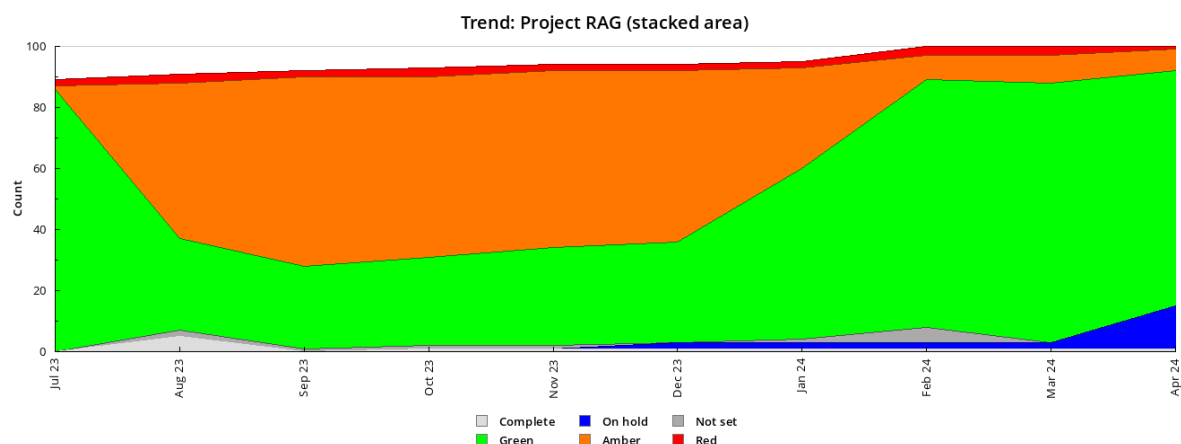
4. Capital Projects by Status

- 4.1 Our project management framework stipulates Gates for approval processes as depicted by G0, G1 etc. The Open section (on the right) is utilised for renewal projects or 'As Required'.



- 4.2 Monitoring the overall inflight project status is crucial as this enables greater oversight and ensures transparency and accountability throughout the project's lifecycle.

5. Capital Project status by overall Red, Amber, and Green



- 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. Project Updates

| | | | | |
|-----------------|----------------|-----------------|-----------------------------|------------------|
| Complete | On Hold | On Track | Revised but on track | Off Track |
|-----------------|----------------|-----------------|-----------------------------|------------------|

| Project | Managed by | Comments | Status |
|--|-------------------------------|--|--------|
| Lindauer walkway | Mark Allingham | Design is currently on hold, and it is assessed that the work won't be started this financial year. | |
| Dannevirke alternate water source investigations | Dave Watson | Reports have been reviewed and optioneering is being conducted. | |
| Eketahuna Wastewater Treatment Plant | Handover. Eugene Priest (New) | The project and programme is working through a handover from Terry Lamb to Eugene Priest. The project will be revised for delivery in this handover period in order to consolidate the projects documentation, stakeholder engagement and direction. | |
| Dannevirke Impounded supply Projects | Hand over. SRO to PMO | The water storage projects are being revised and the WSP Project Manager is starting to work with the PMO to facilitate the projects delivery. | |

Attachments

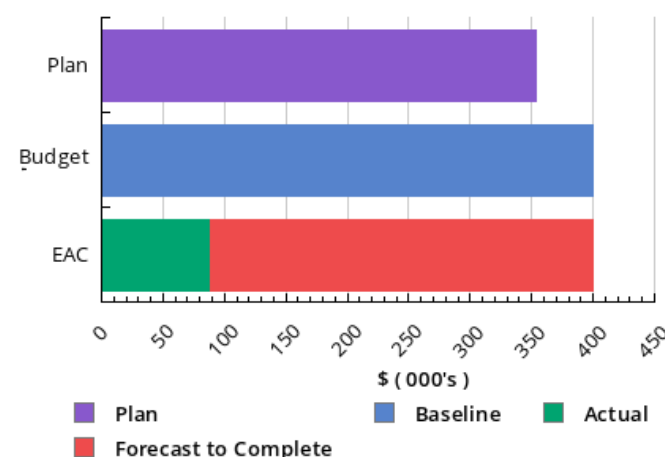
1. [Norsewood WTP Upgrade](#)
2. [Dannevirke Water Supply Fluoridation Plant](#)
3. [IAF](#)
4. [SCADA Telemetry Upgrade Phase 1](#)
5. [Dannevirke WWTP Upgrade](#)
6. [Pahiatua WWTP Upgrade](#)
7. [EW Rakaia Bridge](#)
8. [Huarahi Tuhono Weber to Wimbledon](#)

Project name

Norsewood Water Treatment Plant Upgrade



| Report date: | Start date: | Approved end date: | Projected end date: |
|-------------------|--|--------------------|---------------------|
| Apr-24 | Jul-23 | Jun-24 | Jun-24 |
| Purpose: | To upgrade Norsewood water treatment to meet NZ Drinking Water Quality Assurance Rules (DWQAR) and to the 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. | | |
| Project team: | Senior Responsible Officer: Mike Dunn Project Manager: Eugene Priest | | |
| Key stakeholders: | TDC | | |
| Project budget: | | | |



Whole of Life
Approved budget:
\$400,000
Actuals:
\$88,755

**78%
Under budget**

Status update:

| | PREVIOUS STATUS | CURRENT STATUS | |
|-----------------------------|-----------------|----------------|--|
| Overall: | G | G | Vendor selected and agreement signed for upgrade. Vendor is now ordering long lead items and readying for first phase of delivery which is the installation of new 30,000l reservoir tank. |
| Scope: | G | G | Use available collated data to produce an engineered designed solution (with PFD) that adheres to DWQAR and shows Filtration, Electrical, Plumbing & SCADA/Telemetry components with added standby pump, 30,000l buffer storage tank and water flow meters. Current well head to be serviced and storage tanks to be cleaned. New WTP maintenance plan, opo/training manuals, HAZOPS forms and commissioning documents to be produced. |
| Time: | G | G | Due for completion in 23/24 financial year |
| Budget: | G | G | Currently estimated at approx. \$400k with the addition of extras to ensure plant redundancy and well head recondition with 10% contingency |
| Quality: | G | G | Will be part of QA in Supplier response & commissioning documentation provided |
| Risks: | A | G | All risks at this stage have been carefully attended to within the Tender documentation. This will be carefully monitored as we go through delivery. |
| Opportunities: | G | G | Ability to add redundancy to Norsewood WTP and ensure reporting compliance |
| Health & Safety: | G | G | All health and safety policies for TDC are written into the procurement process as mandatory for potential suppliers |
| Resources: | G | G | Available resources are on-track to be delivered on time |
| Comms: | A | A | Communications of progress for the Norsewood community is paramount. The PMO will update the comms team on all progress for them to pass on to community. |

Next steps:

- Delivery of solution starts
- Arrival of ordered items for offsite build
- Reservoir items ready for install

Project timeline:

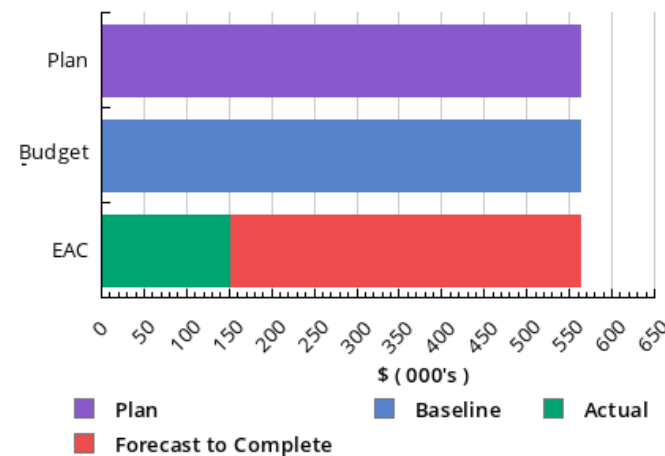
| START | Project Handed to PMO | Negotiate with Current Supplier | RFP for new Supplier | Select New Supplier | Negotiate and Sign Agreement | Supplier delivery of solution | Completion of Works | Commissioning of WTP | Handover of WTP and Commissioning Documents | Practical Completion | FINISH |
|-------|-----------------------|--------------------------------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

Project name

Dannevirke Water Supply Fluoridation Plant



| Report date: | Start date: | Approved end date: | Projected end date: |
|-------------------|--|--------------------|---------------------|
| Apr-24 | Jul-23 | Aug-24 | Jun-24 |
| Purpose: | To procure and install a containerised / packaged fluoridation plant. Fluoridation is required as directed by the Director-General of Health | | |
| Project team: | Senior Responsible Officer: Mike Dunn | | |
| | Project Manager: Eugene Priest | | |
| Key stakeholders: | Ministry Of Health Operational Staff Contractors Impound Supply repair Programme | | |
| Project budget: | | | |



Status update:

| | PREVIOUS STATUS | CURRENT STATUS | |
|-----------------------------|-----------------|----------------|---|
| Overall: | G | G | All agreements with MOH and supplier are in place with 70% funding released. Equipment is arriving for construction of plant off-site which is 75% complete with civil works being arranged for on-site preparation works in April |
| Scope: | A | G | All design and build scope has been accepted by MOH reviewers for construction |
| Time: | A | G | MOH are happy with the added time due to design delays. |
| Budget: | G | G | MOH have accepted concept plant design and associated costs for the design. |
| Quality: | G | G | Quality laid out in specifications for Plant build & commissioning |
| Risks: | A | A | Land acquisition needs to be in place to allow for truck turning bay to be constructed. Penalties for holding/delaying this project past the end date by contravening section 116I 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. |
| Opportunities: | G | G | No new opportunities |
| Health & Safety: | G | G | No new health & safety opportunities to be reported |
| Resources: | G | G | Appropriate resources are available with workloads currently sufficient |
| Comms: | G | G | Comms plan completed and uploaded and attached to PSODA software. |

Next steps:

- Delivery phase has started and is approx. 25% complete
- Site visit scheduled in April to view progress
- Onsite civil works to start

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 | Jun-24 | Aug-24 | |

Project name

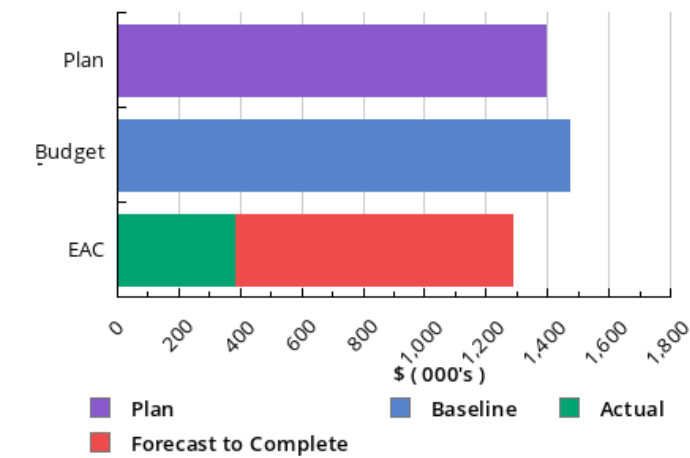
IAF Project



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

| | |
|--------------------------|--|
| Purpose: | <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 IAF funding agreement.</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>Funding Allocation: Kainga Ora—\$880,000 TDC—\$440,000 Tū Mai Rā Investments — > \$100,000 (TBC)</p> |
| Project team: | <p>Senior Responsible Officer: Mike Dunn</p> <p>Project Manager: Eugene Priest</p> |
| Key stakeholders: | <p>Tū Mai Rā Investments Taranua District Council Kainga Ora Explore Pahiatua Taranua Alliance Local Pahiatua Community</p> |

Project budget:



Whole of Life
Approved budget:
\$1,472,617
Actuals:
\$388,226

74%
Under budget

| Status update: | | | |
|--|-----------------|----------------|---|
| | PREVIOUS STATUS | CURRENT STATUS | |
| Overall: | G | G | Kainga Ora has released Stage 1, 2 & 3a funding (funding received) due to construction start on 12/2. All agreements are in place with PO issued. Project is approx. 30% complete with WW pipe installed, Water connection installed and SW works still to start. |
| Scope: | G | G | Stormwater (SW) scope will be adjusted to ensure that approved budget will not be exceeded. |
| Time: | 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 |
| Budget: | A | A | 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. |
| Quality: | G | G | Quality Assurance is outlined in Inspection & Test Plan (ITP) Project Management Plan and will be adhered to throughout project |
| Risks: | A | A | Uncertainty about formalizing funding agreement with Tū Mai Rā to recoup the at least \$100,000 as per Funding Agreement. |
| Opportunities: | G | G | No new opportunities |
| Health & Safety: | G | G | All recordable incidents have been uploaded to 365 Sitewise. |
| Resources: | G | G | Resources are currently being engaged to proceed. Currently project is serviceable with what is available |
| Comms: | 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: | | | |
| <ul style="list-style-type: none">• Gravity WW redirect from Kauri PI to new WWPS• Gravity WW redirect from Davidson Cres to new WWPS• Completion of WWPS• Testing and making WWPS live | | | |

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 |
|-------|-------------|------------|----------|-----------------------------------|--------------------------------|----------------------------------|---|---------------------|----------------------------|-----------------------|-----------------------|----------------------------|------------------|--------|
| | Nov-22 | Jan-23 | Mar-23 | Jun-23 | Aug-23 | Aug-23 | Dec-23 | Feb-24 | Apr-24 | Apr-24 | Apr-24 | Jun-24 | Jun-24 | |

Project name

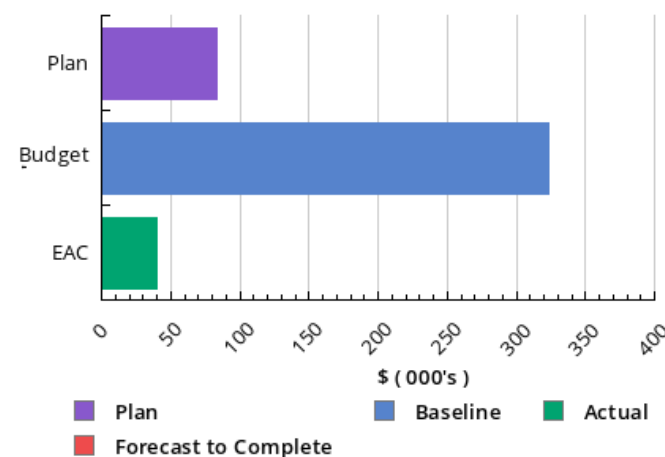
SCADA and Telemetry Phase 1



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

| | |
|--------------------------|---|
| Purpose: | 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. |
| Project team: | Senior Responsible Officer: Roger Earp Project Manager: Eugene Priest |
| Key stakeholders: | Horizons TDC 3-Waters Team Taranua Alliance TDC IS Team |

Project budget:



Whole of Life
Approved budget:
\$323,824
Actuals:
\$39,897
88% Under budget

| Status update: | | |
|---|-----------------|----------------|
| | PREVIOUS STATUS | CURRENT STATUS |
| Overall: | G | G |
| Scope: | | G |
| Time: | | G |
| Budget: | | G |
| Quality: | | G |
| Risks: | | G |
| Opportunities: | | G |
| Health & Safety: | | G |
| Resources: | | G |
| Comms: | | G |
| Next steps: | | |
| <ul style="list-style-type: none"> Vendor to Collaborate to ensure current projects are captured 2nd Workshop to be scheduled Report and framework/architecture to be presented Options tabled to be reviewed and evaluated | | |

Project timeline:

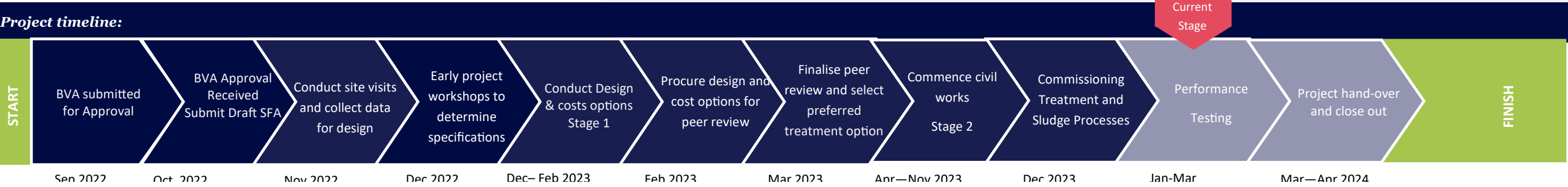
| START | Project Mandate Issued | Investigation & Business Case | Planning & Procurement With Stocktake Supplier | Receive Lutra stocktake for addition to RFP | RFP for SCADA network Architecture/Framework solutions | Selected Supplier to carry out design of network solutions | Architecture & Framework 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

Dannevirke Wastewater Treatment Plant Upgrade



| Report date: | Start date: | Approved end date: | Projected end date: | Status update: | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|--------------------|---------------------|----------------|-----|-----|-----|-----|------|------|-----------------|------|----------------|--|--------|--|--|---|---|--|--|--|--|--|--|--|--|--|
| Mar 2024 | Sep 2022 | Oct 2023 | Apr 2024 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Purpose: | The Dannevirke Wastewater Treatment Plant (WWTP) requires upgrades to address persistent resource consent condition non-compliance excessive levels of phosphorus in the wastewater discharged from the plant to river. | | | | | | | | | | PREVIOUS STATUS | | CURRENT STATUS | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Performance testing is currently underway and is expected to be completed late March early April 2024 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Supplier 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 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. | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | This project is expected to be completed April 2024. | | | | | | | | | | | | | | |
| Project team: | Senior Responsible Officer: Roger Earp Project Manager: Terry Lamb Suppliers: Enviroden NZ Ltd, The Wastewater Specialists | | | | | | | | | | | | | Variations to the project scope have been approved, further variations for sludge flow meter, GeoBag feedlines and additional lighting over UV are currently being priced. | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Quality measures are being tracked by the Project Manager | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Performance test results comply with consent conditions. Inability of DAF sludge to flocculate and dewater in Geo-Bag | | | | | | | | | | | | | | |
| Key stakeholders: | TDC Staff, Regional Council, | | | | | | | | | | | | | Ability to increase plant throughput during high stormflows | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | No incidents to report | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | The project is adequately resourced. | | | | | | | | | | | | | | |
| Project budget | | | | | | | | | | | | | | | Comms: | | | | Monthly project reports are submitted to the comms team | | | | | | | | | |
| THOUSANDS | | | | 100 | 200 | 400 | 600 | 800 | 1.2m | 1.4m | 1.6m | 1.8m | 2.1m | Resources: | | | | The project is adequately resourced. | | | | | | | | | | |
| Actual spend to date: | | | | | | | | | | | 1.6m | | | Comms: | | | | Monthly project reports are submitted to the comms team | | | | | | | | | | |
| Planned spend to date: | | | | | | | | | | | | | | Next steps: | | | | | | | | | | | | | | |
| Projected project budget: | | | | | | | | | | | | 2.0m | | 1) Performance testing | | | | | | | | | | | | | | |
| Approved project budget: | | | | | | | | | | | | | 2.1m | 2) Complete actions from punch list | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | 3) Carry out polymer dosing trials to improve Geo-Bag dewatering | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | 4) Geo-Bag, Variation approval and implementation of dewatering improvements | | | | | | | | | | | | | | |



Project name

Pahiatua WWTP Upgrade



| Report date: | Start date: | Approved end date: (Stage 1) | Projected end date: (Stage 2) |
|--------------|-------------|------------------------------|-------------------------------|
| Mar 2024 | Sep 2023 | Jun 2024 | Oct 2025 |

| | |
|--------------------------|---|
| Purpose: | In order to meet wastewater discharge consent conditions, primarily for the reduction of suspended solids, nitrates and phosphorus levels, the construction of a new wastewater treatment plant and pumping station with rising main to discharge treated effluent from the treatment plant onto the wetland. Note: (The wetlands, pump station and rising main is a separate projects). |
| Project team: | Senior Responsible Officer: Roger Earp Project Manager (WWTP): Terry Lamb |
| Key stakeholders: | TDC, Mox, TWWS, Iwi, Horizons and Public |

| Project budget | | | | | | | | | | | | | Stage 1 |
|---------------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|
| THOUSANDS | 0 | 25 | 50 | 100 | 150 | 200 | 300 | 350 | 400 | 450 | 500 | 550 | |
| Actual spend to date: | 0 | | | | | | | | | | | | |
| Planned spend to date: | 20 | | | | | | | | | | | | |
| Projected project budget: | | | | | | | | | | | | | |
| Approved project budget: | | | | | | | | | | | 500 | | |

| Status update: | | | |
|-----------------------------|-----------------|----------------|---|
| | PREVIOUS STATUS | CURRENT STATUS | |
| Overall: | | | Draft options report has been submitted and reviewed, agreed to price x 2 DAF plants to allow treatment low and peak flows. Final draft to include Pros & Cons 1 vs 2 DAF units |
| Scope: | | | The contract is for the design, build and commissioning of a Dissolved Air Flotation (DAF) unit to address persistent resource consent condition non-compliance within the existing capital budget. This may include upgrade of existing assets such as inlet screen/UV and sludge handling. This upgrade needs to consider potential change to these conditions due 2028. This will be delivered in 2 stages, Stage 1 Develop Design and Cost Options, Stage 2 Construction & Delivery |
| Time: | | | The project will not be delivered in time meet existing consent compliance conditions. Final design will determine the construction timeframe. |
| Budget: | | | Its proposed to seek Design-Build solution to leverage best value or similar solution to Dannevirke DAF upgrade. Onsite construction is unlikely to commence this financial year, therefore budget has been reduced to 1m, funding for construction phase will be applied in 24/25 |
| Quality: | | | Design options will be peer reviewed |
| Risks: | | | Inability to comply with existing resource consent conditions resulting in non-compliance. Possible more stringent conditions imposed 2028 may result in further treatment upgrades. |
| Opportunities: | | | 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. |
| Health & Safety: | | | None |
| Resources: | | | The project is adequately resourced. |
| Comms: | | | Internal |

| Next steps: | |
|--|--|
| 1) Select treatment option "1 or 2 DAF Units" and preferred location 2) Commence design & pricing for presentation to TDC | |



Project name

Emergency Works—Rakaiatai Bridge



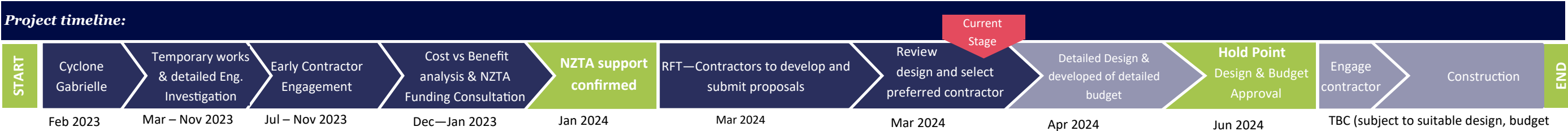
| Report date: | Start date: | Approved end date: | Projected end date: |
|--------------|-------------|--------------------|---------------------|
| Apr 24 | Feb 23 | TBC | Dec 24 |

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

| | | | | | | | |
|---------------------------|---|-----|---|-----|------|------|------|
| 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 | 1500 | 2000 |
| Actual spend to date: | | | | | | | |
| Planned spend to date: | | | | | | | |
| Projected project budget: | | | TBC (refer budget) | | | | |
| Approved project budget: | | | | | | | |

| Status update: | | | |
|------------------|-----------------|----------------|---|
| | PREVIOUS STATUS | CURRENT STATUS | |
| Overall: | | | Late March/April has seen the responses and assessments of the Request for Proposal received. 3 contractors returned submissions, with 2 offering lower cost-low bridge options and all 3 offering elevated-full span bridge options. |
| Scope: | | | Investigate and construct a suitable structure to replace the temporary ford. (requested as part of RFP) |
| Time: | | | RFT released to Design/Build Contractors—1st March '24 (RFT closes 14th March '24) RFT review & selection of preferred Design/Build contractor —14th March to 5th April '24 End of period = Budget hold point Proposed Design period— April-June 24 End of period = Budget hold point Construction—June'24-Dec'24 (Subject to suitable design/budget being approved) |
| Budget: | | | RFP indicates a range of \$800k (low bridge) to \$1.3M-\$2M (full elevated bridge) dependent on solution & contractor selected. Tararua Alliance are using RFP responses to assess whole-life costs associated with the various options. |
| Quality: | | | Contractors have provided adequate RFP responses which respond to the requirements stated in the RFP. Two contractors have provided a range of options, which allow various whole-life costs to be assessed. |
| Risks: | | | Time Delays in procurement, risk of cost escalation (design TBC), contractor availability, non-compliance with resource consent conditions for the temporary structure. |
| Opportunities: | | | One contractor has provided an innovative design option that allows contractor to commence early (alongside having minimal environmental affects) |
| Health & Safety: | | | Access is severely compromised for the land owners placing them at risk. |
| Resources: | | | Design/Build RFP—all contractors indicate adequate resource to complete project in line with proposed timeframe. |
| Comms: | | | None to report |

| Next steps: |
|---|
| <ol style="list-style-type: none">Request Design/Build contractors to update their proposals provided during the Early Contractor Engagement Phase (complete)Select Suitable Design (subject to Eng. Review and funding confirmation)Develop contract with preferred contractorComplete Design and Commence Construction. |



Project name

Huarahi Tūhono – Weber to Wimbledon (Route 52 Upgrade)



| Report date: | Start date: | Approved end date: | Projected end date: |
|--------------|-------------|--------------------|---------------------|
| Mar 2024 | Dec 2020 | Nov 2024 | Nov 2024 |

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

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

Status update:

| | PREVIOUS | CURRENT | |
|-----------------------------|----------|---------|---|
| Overall: | | | <p>Good progress has been made over the past few months, with multiple pavement construction sites closed out. March has focussed progressing the remaining large scale planned Project Works, as well as closing out a number of minor sites (both Project & Emergency works) across the project length.</p> <p>Heading into April we have crews dedicated to focusing on project works undertaking strong process on laying pavement and sealing sites up ahead of winter.</p> <p>With the majority of pavement works complete with planning now focusing on safety signage and guard rail installation across the 26km project length.</p> |
| Scope: | | | <p>Project scope has been finalized. The current focus is to finalise remaining designs for the 3 remaining Emergency Works sites between Wimbledon & Weber.</p> |
| Time: | | | <p>The project end date been extended to November 2024 (previously June '24) to allow for reseal activities following the 2024 winter period.</p> <p>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.</p> |
| Budget: | | | <p>With the bulk of the earthworks and pavement nearing completion, we are now programming the Provision Sum items available for items such as sign standardization and guardrail/site rails.</p> <p>Progress Payment #4 (\$2m) is approved and awaiting payment from IRG (central govt.) to Tararua DC.</p> |
| Quality: | | | <p>Ongoing Maintenance/Renewals of site—With only a portion of the 26km length having full renewals/realignments, we are in the early stages of developing an on-going maintenance and renewals strategy for the locality. In part this is required to mitigate the risks relate the below—this will be actively progressed over winter 2024.</p> |
| Risks: | | | <p>Unsettled weather over the April/May period will be the biggest impediment to completion of the pavement programme. This largely affects the sealing of pavements. Impacts of this risk could see completion of components of works delayed until after winter.</p> |
| Health & Safety: | | | <p>Ongoing site audits and regular monitoring has resulted in No events this month. Good attitude and behaviors towards Health and safety being observed.</p> |
| Resources: | | | <p>Contractors onsite—Alabaster Contracting (Drainage and Minor Works), HES (3x crews—Earthworks and Pavement), Traffic Safe Nz undertaking traffic management, Downer Pavement crew</p> |

Project timeline:

